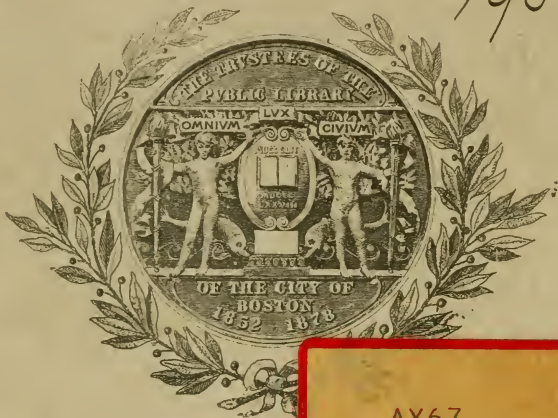




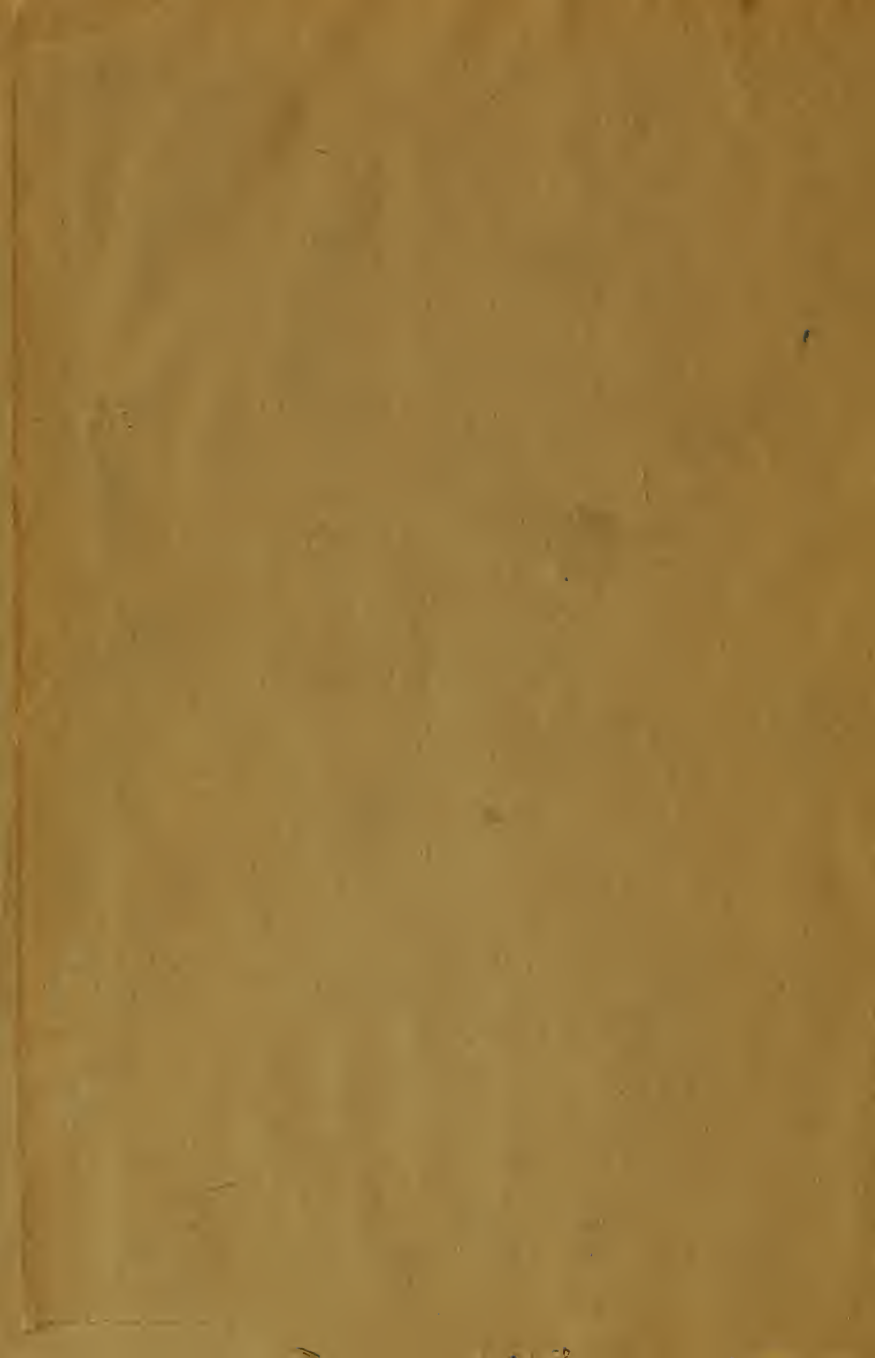
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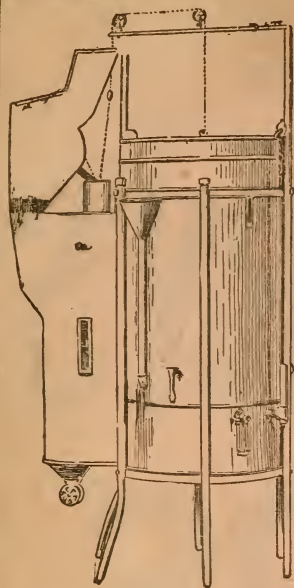
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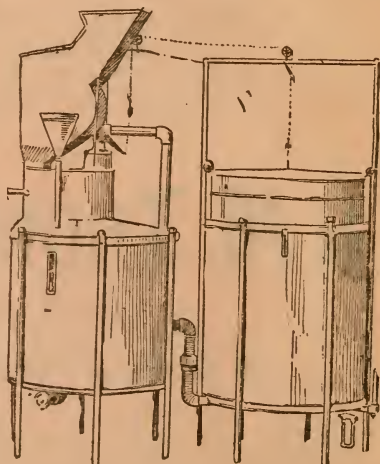
It regulates and provides the supply of gas only as consumed—it is very simple—is perfectly automatic—has very few parts—takes up but little room.

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ACETYLENE  
GENERATOR CO.,**

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THE  
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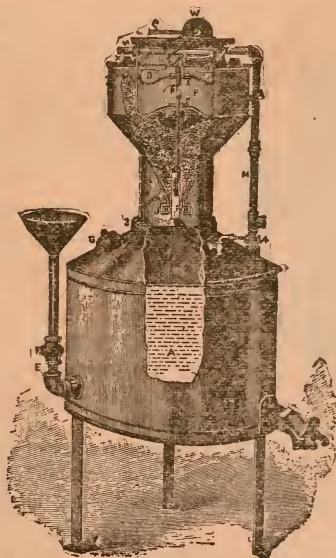
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IN the cut we present to the public an apparatus of unusual merit. The construction of the machine is such that it is a physical impossibility to generate sufficient gas to produce a greater pressure than is needed for its normal operation. For the same capacity the generator is only one-tenth the size of other generators. As will be seen, the Carbide is in a separate compartment and a distance above the water receptacle. Automatically a small quantity falls into the water below, and as the gas is liberated from the Carbide by its contact with the water, the slight pressure produced by the gas inflates the gasometer, and automatically shuts off the feed of Carbide until the gas in the gasometer is let off through the service-pipes and used, and then it automatically drops another small quantity, and repeats the operation indefinitely until you extinguish the light by turning the gas off at the burner, when it automatically closes the feed until you use the gas again. The turning off of your burner will arrest the feed, and turning it on automatically start it; therefore it is plain that when no Carbide is fed there can be no generation of gas. Our machine is hermetically sealed, and consequently there can be no escape of gas or odors.

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- Absolute safety.
- No escape of gas or other odors.
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- Low and uniform pressure in machine at all times.
- Extraction of every particle of gas in the Carbide.
- Generation of cool Acetylene and dry gas.



### ADVANTAGES.

- Maximum evolution of Acetylene gas from a given quantity of Carbide.
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- And other advantages too numerous to mention.

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1. Our Generator has a compartment carbide container, the water acting on but one pocket at a time, hence the whole charge is not brought in contact with the water at once; thus no waste of gas, no heating of generator.

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4. Our Gasometer has no labor to perform, thus insuring at all times the same even pressure—a feature seldom found.

5. There is no chance to forget to drain this plug or that vent, as all pipes are self-draining to the condensing chamber.

6. Our Gasometers for same rated capacity are the largest on the market, and will hold a large supply. It saves.

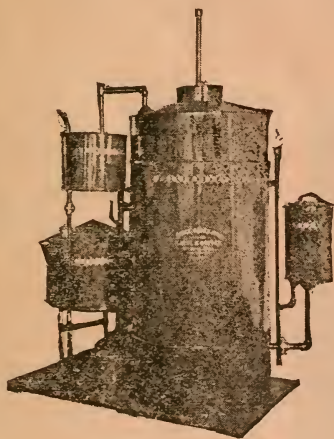
7. **The Bruce Generator** is bolted to a platform, making it easy to handle for installing.

8. **The Bruce Generator** when left to

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9. Our Water Feed, on which we have been allowed a patent, has no equal.

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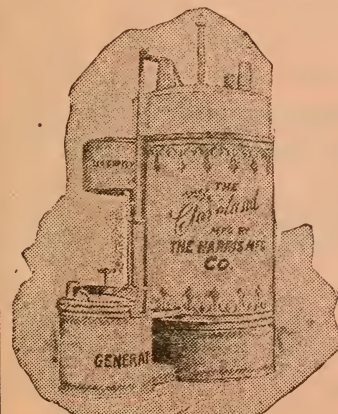
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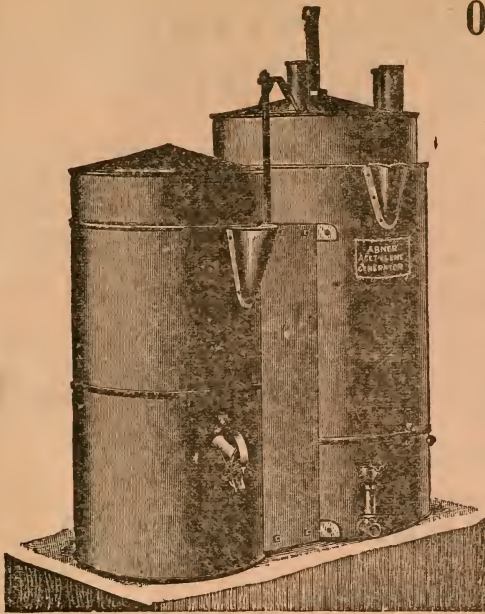
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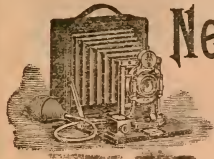
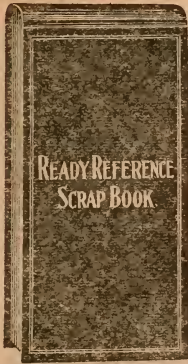
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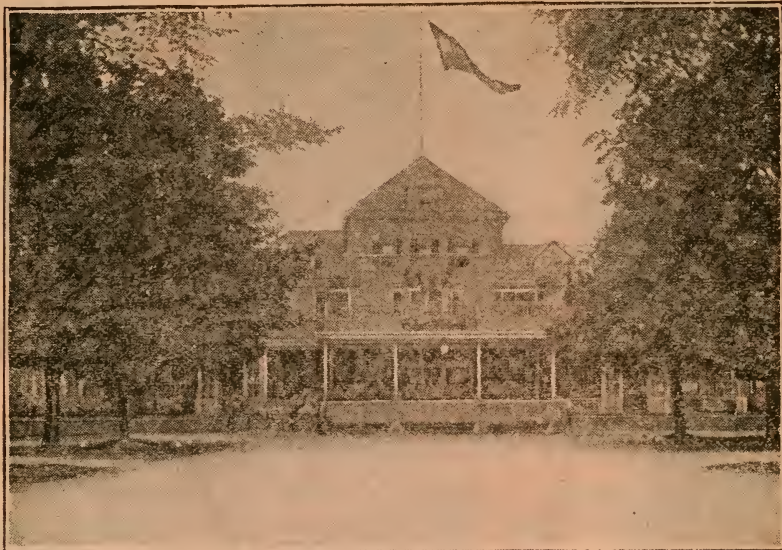
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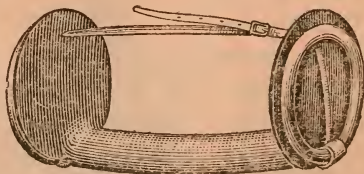
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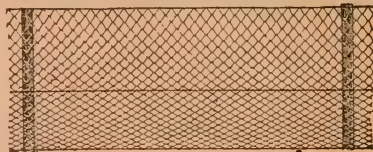


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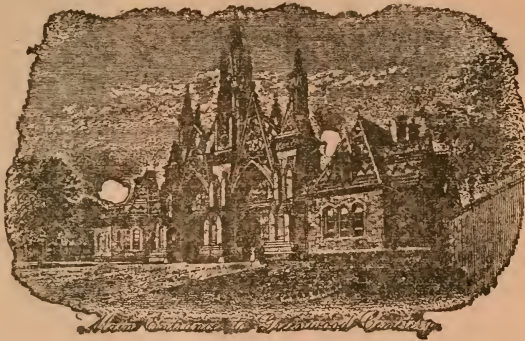
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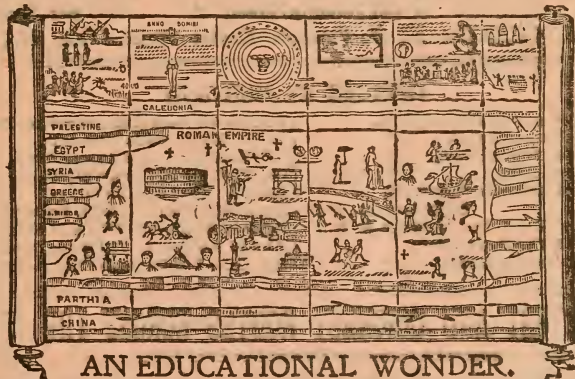
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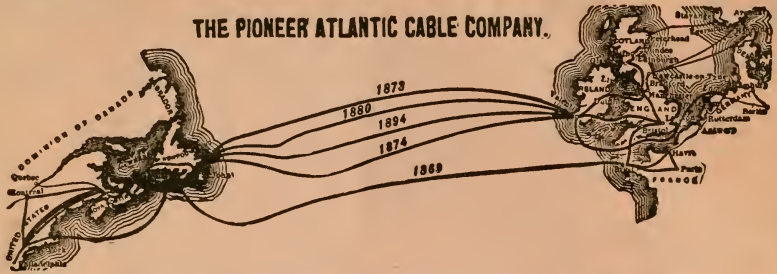
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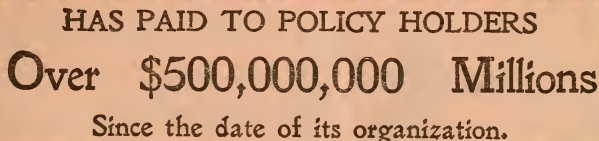
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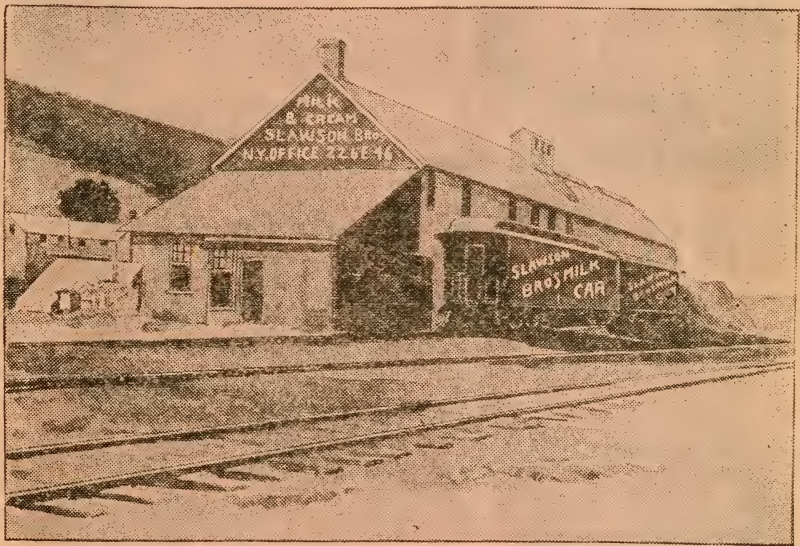
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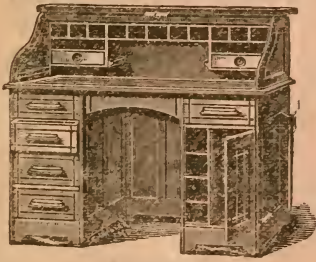
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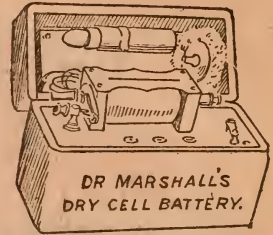


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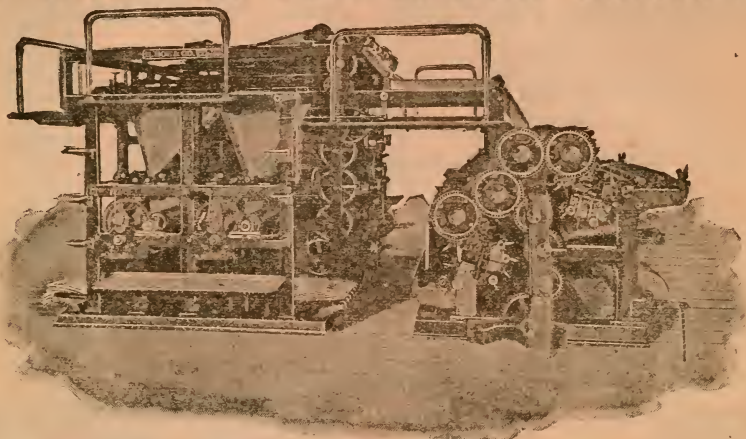
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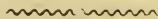
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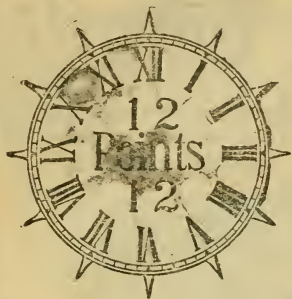


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## Floriculture in the United States.

The floriculture industry in the United States in the census year was made the subject of a special investigation by the Census Bureau, with the following results, the statistics applying solely to the business of flower merchants or florists:

|                                    |              |  |              |
|------------------------------------|--------------|--|--------------|
| Number of establishments.....      | 4,659        | Product of year: Rose bushes.....      | 49,056,253   |
| Square feet of glass covering..... | 38,823,247   | " " Hardy plants and shrubs 38,380,872 |              |
| Value of establishments.....       | \$38,565,722 | " " All other plants.....              | 152,855,292  |
| Men employed.....                  | 16,847       | Total value of product.....            | \$12,036,477 |
| Women employed.....                | 1,968        | Cut flowers in addition.....           | 14,175,329   |

10 Noteworthy Articles in Preceding Volumes of World Almanac.

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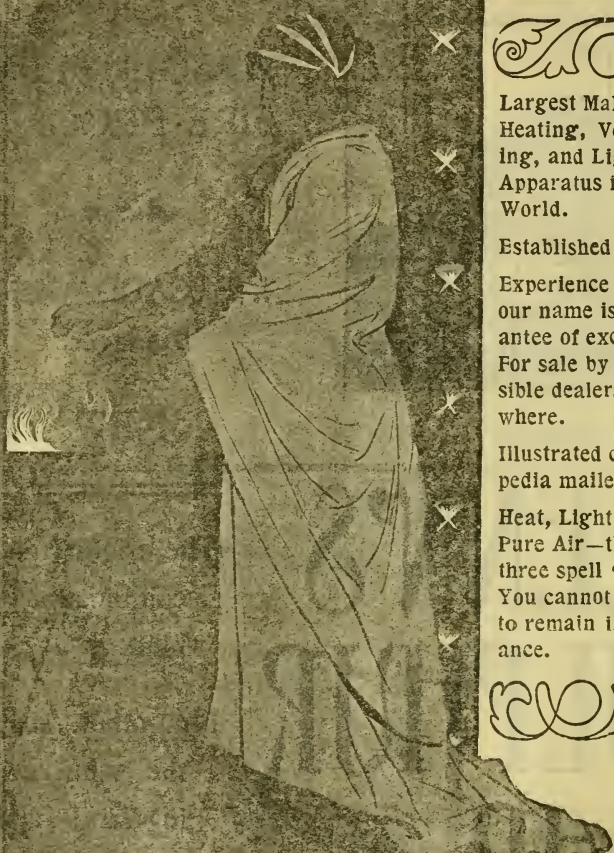
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three spell "life."  
You cannot afford  
to remain in ignorance.



## INTERNATIONAL HEATER CO.

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BOSTON OFFICE & WAREHOUSE, 47 UNION ST.  
CHICAGO OFFICE & WAREHOUSE, 48 DEARBORN ST.  
NEW YORK OFFICE & WAREHOUSE, 237 WATER ST.

## Occurrences During Printing.

**SOME** weeks are occupied in printing a volume so bulky as THE WORLD ALMANAC, and it is necessarily put to press in parts or "forms." Changes are in the mean time occurring. Advantage is taken of the going to press of the last form to insert information of the latest possible date, which is done below. The readers of the ALMANAC are requested to observe these additions, corrections, and changes, and it would be well to make note of them on the pages indicated.

41. Anniversaries: September 12, Battle of North Point, near Baltimore, 1814.
83. Death Roll of 1899: Additional deaths were—Jacob Bright, 78, London, November 8; George H. Chickering, piano manufacturer, Milton, Mass., November 17; Charles Coghlan 58, actor, Galveston, Tex.; Evan E. Settle, 51, Representative in Congress, Owenton, Ky., November 16; Gerson Siegel, 59, of the Siegel-Cooper Company, merchant New York, November 15; Alvin Saunders, 82, ex-Governor of Nebraska, Omaha, November 1; Dwigth L. Moody, 62, evangelist, East Northfield, Mass., December 22; Henry W. Lawton, 56, Major-General U. S. V., battle of San Mateo, Luzon, December 19; Bernard Quaritch, 82, bibliophile, London, December 17; Dorman B. Eaton, civil service reformer, New York City, December 23
97. Samoan Treaty: Signed by the representatives of Germany, Great Britain, and the United States at Washington, December 2, 1899. It goes to the Senate for ratification.
115. Republican National Convention: Philadelphia, June 19, has been selected by the National Committee as the place and time for the Convention of 1900.
133. Union Reform Party National Committee: R. S. Thompson, Chairman, Springfield, O.; A. G. Elchelberger, Secretary, Baltimore, Md.
138. American Woman Suffragist Association: Susan B. Anthony elected President, Anna Howard Shaw, Vice-President; Rachel Foster Avery, Secretary.
138. Woman Suffrage: An association of women opposed to the suffrage has also been organized in Oregon. A woman suffrage amendment to the Constitution will be submitted to the people in June, 1900.
147. Vice-Presidents of the United States: George Clinton was of Scotch-Irish lineage.
178. Monetary deposits of gold and silver at the mints and assay offices to January 1, 1899: Gold, \$1,834,003,721.87; silver, \$799,820,735.40. Total, \$2,633,824,456.91.
- 202-203. On December 18, in consequence of a panic in the market, there was a general fall in the prices of stocks below the lowest given of many of the stocks, in the tables printed on these pages.
331. Old Catholic Archbishop: His address is Duvall, Keewaunee County, Wis.
331. Protestant Episcopal Bishops: Rev. Robert Codman, Jr., of St. John's Church, Boston, was elected Bishop of Maine, December 14.
334. Woman's Christian Temperance Union: Lillian M. N. Stevens is President; Susanna M. D. Fry, Chicago, Secretary.
336. Young Women's Christian Associations: The Executive Committee, Mrs. J. Herbert Tritton, Chairman, is composed of fourteen British ladies, and Miss Annie M. Reynolds, an American, is the World Secretary. The week of prayer is second week in November, instead of October.
338. Epworth League: Rev. Wilbur P. Thirkfield, D. D., has been chosen General Secretary, succeeding Rev. E. A. Schell, resigned.
340. Founders and Patriots of America, Officers of the General Court, 1899-1900: Governor-General, Stewart L. Woodford; Deputy Governor-General, Samuel E. Meigs; Secretary-General, Charles M. Glazier, Hartford, Ct.; Treasurer-General, Samuel V. Constant; Registrar-General, William A. Mitchell.
341. Society of Mayflower Descendants, New York Society: John Taylor Terry elected Governor; Levi P. Morton, Deputy-Governor; Jeremiah Richards, 83 Grand Street, Secretary.
341. Scotch-Irish Society: President, Hon. O. P. Temple, Nashville, Tenn.; Vice-President and Honorary Secretary, Rev. J. S. MacIntosh, D. D., LL. D., 220 Witherspoon Building, Philadelphia.
343. Society of the Cincinnati: Asa Bird Gardiner has been elected President and James M. Varnum Vice-President of the Rhode Island Society.
345. Society of the Army of the Potomac: Brevet Major-General D. McM. Gregg has been elected President.
345. Medal of Honor Legion: Theodore S. Peck, Burlington, Vt., elected Commander; George W. Brush, Brooklyn, N. Y., Senior Vice-Commander; John W. Heard, U. S. A., Junior Vice-Commander; Llewellyn G. Estes, Washington, D. C., Adjutant. Next annual convention in Brooklyn.
347. Woman's Relief Corps Auxiliary to the G. A. R.: Harriet J. Bodge, Hartford, Ct., National President; Charlotte E. Wright, New Haven, Ct., National Secretary. The membership in 1899 was 141,930. Expended for relief during the year, \$180,375.94.
351. Daughters of the Holland Dames: Board of Managers for 1900, Mrs. E. A. Hoffman, Mrs. A. C. Chenoweth, Mrs. W. Budd, Mrs. R. Benson, Miss Vanderpoel.
- 365-366. The New Navy: Where differences in details between this list and those on pages 413 to 417 appear, the latter should be accepted as the latest revised at the Navy Department.
366. Vessels of the United States Navy: The officially revised data concerning the equipment of the vessels of the navy appears on pages 413-415.
368. Spanish Ministry: Count of Torreanaz has succeeded Señor Bas as Minister of Justice.
369. Heads of Governments: Walther Hauser was elected President of Switzerland for 1900 on December 14.
374. The French Pretenders: Princess Isabella of Orleans married Prince Jean of Orleans in England, October 30, 1899.
405. The Army: Major-General Leonard Wood, U. S. V., has been appointed to the command of the Department of Cuba, succeeding Major-General John R. Brooke.
411. Navy Department: Certain bureau chiefs have the temporary rank of rear-admiral, but do not actually hold a commission as such, vide Paymaster Kenny.
413. United States Navy: The Secretary of the Navy in his annual report, December, 1899, recommended the building of eighteen additional war vessels; being three armored cruisers, three protected cruisers, and twelve gunboats.

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FOR WORLD ALMANAC ADDENDA

(The Buyer's Guide), See pages 549-559.

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We make and can sell you a GENUINE RUBBER or GOLD TRIMMED enamel or plain leather FOLD HARNESS for \$24.25, sent to you C. O. D., with the PRIVILEGE OF EXAMINING SAME WITHOUT COSTING you ANY MONEY. If you do not think it EQUAL to any \$35.00 HARNESS you have EVER SEEN. return AT OUR EXPENSE. Let us know which you want. ROAD OR TRACK HARNESS; also whether RUSSET OR BLACK REINS. For ROAD USE traces are 7-8 inch, attached to BREAST COLLAR, LINED and STITCHED AT EACH END; NECK AND HIP STRAPS REEFED ON BOTH SIDES; KAY SADDLE; SLIDING GIRTH, or with GRIFFITH BUCKLES; BRIDLE 7-16 inch, with NARROW TRACK WINKERS; REINS DOUBLED, and STITCHED These HARNESS ARE WELL MADE and of the BEST STOCK.

There are a few small changes in the TRACK HARNESS including SHORT FRONT ON REINS. We also make these harness with 1-inch traces, and heavier in proportion all through, at the same price, and carry all three styles in stock. Address,

AMERICAN HARNESS CO.. Newark, N. J.

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# THE LIVERPOOL AND LONDON AND GLOBE INSURANCE COMPANY.

Chief Office, 45 William Street,  
NEW YORK CITY.

Losses Paid in the United States Exceed  
Seventy-five Millions of Dollars.

## The World.

JOSEPH PULITZER.

THE crowning triumph for and the completion of a great international service by THE WORLD occurred on October 3, when the Anglo-Venezuelan Boundary Arbitration Commission rendered its unanimous decision, which was promptly accepted by both Governments. Thus the victory of that common sense which Gladstone declared was the only thing needed was complete, and the dispute of nearly sixty years' duration was ended.

It was a victory above all for the principle of arbitration. It was a victory for publicity. It illustrated the mighty power for good of a great, free, fearless, and independent newspaper, and its moral force in the community and nation. When President Cleveland sent his warlike message to Congress, asking for a commission to "determine the true divisional line" between Venezuela and British Guiana, and proclaiming that the attitude of Great Britain in its announced purpose to take from Venezuela by force what it claimed as its territory threatened the "peace and safety" of the United States and "the integrity of our free institutions," THE WORLD condemned the proposition and the menace that accompanied it as a "grave blunder." It insisted that "the question of a boundary is essentially a question of fact and of history, and, as such, eminently fit to be settled by impartial arbitration."

THE WORLD appealed to the consciences of the two peoples; it stood almost alone among the press of this country, and with the might of public opinion against it. All the jingoes in America cried for war. The British press and British statesmen said gloomily that war could not be averted.

THE WORLD did not pause. It secured in response to its cabled inquiries messages of peace and good will from Gladstone, Canon Farrar, prelates, and statesmen. The Prince of Wales, departing from traditional rules of royal etiquette, addressed the American people through THE WORLD, expressing his hope for a prompt settlement of the dispute. The voice of passion was stilled. The tide of sentiment on both sides of the Atlantic was turned, and every voice was for peace. On June 6, 1897, a treaty of arbitration between Great Britain and Venezuela was ratified. Venezuela chose Chief Justice Fuller and Associate Justice Brewer, of the United States Supreme Court; Great Britain named Lord Herschell and Justice Collins, of the Queen's Bench, and these four agreed upon Professor Martens, Counselor to the Russian Foreign Office, as the fifth member of the board to settle the long-standing dispute by the methods of peace.

The plaudits of the whole English-speaking peoples on both sides of the ocean followed, and later the Peace and Arbitration Societies of Great Britain, taking advantage of the presence of Mr. Joseph Pulitzer, Director of THE WORLD, in London, presented an address to him in recognition of the services of the great newspaper of which he is the inspiration and guiding spirit in averting war.

The result justifies the bold championship of peace by THE WORLD. The forecast is fulfilled. Conscience and common sense have triumphed through arbitration. War and aggression have both been avoided and substantial justice has been done to all. Civilization was advanced a century in a few months by the mighty force of a great newspaper, which has steadily for its object the welfare of mankind and the advancement of American civilization.

### THE SOUTH AFRICAN CONFLICT.

When the war cloud first hovered over South Africa, THE WORLD opened direct communication with President Kruger in the interest of the new diplomacy of publicity and received an immediate response. President Kruger chose to make his appeal to civilization through THE WORLD, and presented a most remarkable state document for the consideration of civilization. On September 7, disregarding all quibbles and intricacies of diplomacy, he summed up the issues as they appeared to the Boer saying, "that the crisis was due to a certain section of British residents, 'to whom the very existence of the republic is an eyesore,' and who, 'not content with the best mining laws in the world

wished also to have complete control of legislation and administration, the destruction of the republic, and the complete control of the richest mines in the world." He concluded sadly that "we have no such powerful friend as you proved to be to Venezuela and other republics. We have strong faith that the cause of freedom and republicanism will triumph in the end." THE WORLD cabled President Kruger's message in full to Joseph Chamberlain, British Secretary for the Colonies, who was quick to reply in a reference to the British Blue Book for his side of the controversy.

President Kruger answered through THE WORLD that his Government had ever been ready to submit the dispute to arbitration, and suggested that a board of arbitration be selected, two members by England, two by the Transvaal, and the fifth by the President of the United States or the President of Switzerland, concluding with: "We have yielded everything but the life of the republic. We wish most earnestly for arbitration to prevent a war which would be an outrage against religion and humanity."

THE WORLD immediately set going the movement for arbitration, which resulted in the most powerful petition ever drawn to President McKinley, asking him to offer the kindly offices of the American Government in mediation of the dispute which had reached a stage that threatened the existence of two sister republics.

President Steyn, of the Orange Free State, cabled his grateful indorsement of THE WORLD'S effort for peace and urging the necessity for speedy action.

Premier W. R. Schreiner, of the British Cape Colony, cabled from Cape Town his appreciation and sympathy with the movement for a peaceful settlement of the South African difficulties.

Archbishop Croke cabled: "Avert war by all honorable means."

Cardinal Logue said: "I am most anxious for peace."

The Archbishop of York, Archbishop of Canterbury, Right Hon. Leonard Courtney, M. P., Michael Davitt, and other prelates, statesmen, and public men of England indorsed THE WORLD'S effort to secure peace, while the signers of the petition to President McKinley in this country made it the most formidable document of the kind and the most representative of American feeling since the Declaration of Independence. Among the signers were ex-Senators George F. Edmunds and John Sherman, Archbishop Ireland, Gen. O. O. Howard, President Jordan, of Leland Stanford University; Donald G. Mitchell, Mayor Phelan, of San Francisco; President Warren, of Boston University; Frederic R. Coudert, ex Vice-President Adlai E. Stevenson, ex-Senators Manderson and Ingalls, ex-Representative Breckinridge, John P. Altgeld, Augustus Van Wyck, William B. Hornblower, Ernest H. Crosby, T. Estrada Palma, Carl Schurz, Horace Boies, J. Sterling Morton, Archbishops Kain and Christie and sixteen Bishops of the Roman Catholic Church, Bishops Potter, Dudley, Whittle, Hare, and fourteen other Protestant Episcopal Bishops, ninety university and college presidents, forty Federal and State judges, the Governors of thirty-five States, one hundred and eight Senators and Congressmen, State officers, mayors, editors, clergymen, lawyers, business and professional men, and thousands of others of lesser note.

A great mass-meeting was held in Carnegie Hall in indorsement of THE WORLD'S petition. The petition was taken to Washington by a delegation of representative men on October 26. The President replied in effect that he should not offer his services as mediator unless formally asked to do so by the disputants, though the British Government made a similar offer to him at the beginning of the Spanish War.

But events moved too fast for peace on this polite form of preventing war. With clear insight the President of the Transvaal realized that to delay meant to provide better means for the destruction of the South African Republics. He therefore boldly warned England that unless troops were withdrawn by a fixed hour war would begin, and served notice to civilization through THE WORLD in words that have already become historic:

"The republics are determined that if they must belong to England a price will be paid which will stagger humanity."

Then came the clash of arms. Having done all it could to avert the war, THE WORLD now turned its attention to its next highest duty—that of presenting the earliest, most graphic, and complete report of each movement in the war. It retained Lieut. Winston Spencer Churchill, the talented son of Lord and Lady Randolph Churchill, with the American blood of the Jeromes in his veins, as its special correspondent in the field.

It presented to its readers an immense map of the section of South Africa which was the scene of the conflict, with carefully compiled descriptive statistics of the country. It printed comprehensive articles on Cecil Rhodes, the uncrowned diamond king and maker of modern Africa; the war itself, by Lieutenant-General Schofield; the arms and marksmanship of the Boers, by Maxim, and life in Boerland, by H. C. Hillegas, the American authority on South African matters. Lieutenant Churchill was taken prisoner by the Boers, and E. F. Knight, one of the ablest war correspondents on earth, took his place, only to be wounded at the famous fight at Belmont. He heroically dictated a graphic account of that battle, the best account that came over the cable. John Stuart, a third correspondent of THE WORLD, was cut off by the Boers at Ladysmith, all of which proves that THE WORLD did not err in selecting its correspondents, for the place for a war correspondent is in front, where he runs the risk of being shot or captured in getting accurate news at first hand. THE WORLD has presented the fullest and earliest news from the beginning of hostilities.

#### TAXING FRANCHISES.

THE WORLD'S crusade against unjust taxation, and its long fight for tax reform, was a memorable feature of the last session of the Legislature. It began January 11 by showing that to meet the extraordinary expenses resulting from the consolidation of more than 100 corporate communities into Greater New York, a tax rate of \$2.60 seemed necessary on an increased valuation of \$421,000,000; that real estate would be a burden, while the possessors of \$7,000,000,000 of personal property in New York would swear off all but \$500,000,000, leaving real estate to bear the burden of taxation. It called for a revision of the scheme of taxation, and Governor Roosevelt responded with a recommendation to that effect. Three city wards held meetings, five taxpayers' associations also held meetings to indorse THE WORLD'S crusade. The Real Estate Exchange and the Real Estate Board of Brokers joined with THE WORLD.

THE WORLD revealed that the franchises of corporations holding monopoly for railway tracks, subways, and other privileges in the street were worth not less than a billion dollars, and that these and other tangible franchise properties enjoying privileges of inestimable value from the people were paying nothing for them. If taxed they would yield enough revenue to raise the city's debt limit by at least one hundred million dollars thus enabling the city to issue the necessary bonds for constructing a rapid transit road, and to go on with the East River bridges.

Senator John Ford prepared a bill and presented it to the Legislature, providing for the taxation of all franchises and special privileges. A citizens' mass-meeting at Lenox Lyceum indorsed the bill,



and THE WORLD sent able lawyers to Albany to present arguments for the passage of the bill before the Committee on Taxation. On March 21 a whole page of editorial matter set forth the injustice and inequality of the tax laws as they then existed. A petition bearing 19,000 signatures was presented at Albany by THE WORLD. The Franchise Tax bill became a law. The first effect was a renewal of the work of the Rapid Transit Commission. It was the most important legislation in this State in several years.

#### THE EDITORIAL FORUM.

THE SUNDAY WORLD'S Editorial Forum, an innovation in journalism, has been made brilliant by the contributions of some of the best minds of America and Europe. Among those who have contributed to the discussion of living themes in these columns are Grover Cleveland, "American Citizenship;" Brig.-Gen. Frederick Funston, "The Filipino as a Fighter;" Frank R. Stockton, "The Way Out of the Philippine Embarrassment;" Assemblyman Mazet, "The Lesson of the Investigation;" and Rev. Dr. Chas. H. Parkhurst, "The Devil a Poor Saint," a review of the Mazet Investigation; Paul Leicester Ford, "Democracy and the Fighting Line;" Margaret Sangster, editor of *Harper's Bazar*, "How Women May Win Success in Journalism;" Dr. T. H. Salisbury, "The Course Dinner a Public Menace;" John Sherman, "What Shall We Do with the Philippines?" Count Ivan Tolstol, "Is War Against the Will of God?" Ira D. Sankey, "Song as a Civilizer;" Col. P. Huntington, "Education for Bread Winners;" Senator Depew, "The Value of Stump Speaking;" John W. Bookwalter, "Will Russia Take a Hand in the War?" Gen. Fitzhugh Lee, "The Future of Cuba;" President Walter S. Logan, New York Bar Association, "The Injustice of Large Inheritances;" David Belasco, "Has the Bad Woman of the Stage a Good Influence?" the Right Hon. William E. Lecky, of the Dublin University, "Present State of Morality in the World;" John Burroughs, "A Lesson in Thinking;" Marquis of Lansdowne, "England's Military Status in the Transvaal;" Elizabeth Cady Stanton, "One Way to Abolish Unhappy Marriages;" Bishop William Crosswell Doane, "The Social Crisis and How It Should Be Met;" Maarten Martens, Holland's foremost author, "To England," in verse; Charles Broadway Rouss, merchant prince, "Getting There First;" Nathan Straus, philanthropist, "Should the Word 'Charity' Be Abolished?" Dr. Edward Hecker, of Weisbaden, "To Cure Insomnia Without Drugs;" Hudson Maxim, inventor of the Maxim guns, "Arms and Marksmanship of the Boers;" Dr. Depew, "A Review of Irving's 'Robespierre,'" Ouida, "The Doom of Art;" Rev. Newell Dwight Hillis, successor of Beecher and Lyman Abbott in the pulpit of Brooklyn's Plymouth Church, "Fiction and Poetry the Great Instructors of To-Day;" Lillian Russell, "Divorce;" Israel Zangwill, "What Is Yiddish?" Prof. Cesare Lombroso, the world's greatest criminologist, "Crime Among the Rich;" Pierre Loti, of the French Academy, "Behind the Eye of the Cat;" United States Senator Henry M. Teller, "Uncle Sam in the Far East;" Amelia E. Barr, "Do the Dead Remember?" Dr. Talmage, "My Full-Blooded Cow;" Marconi, the electrical wizard, "Telegraphy Without Wires;" Sir Thomas Lipton, "Why So Few Irishmen Are Coming to America Now;" President Francis Patton, of the Princeton University, "Morality of College Boys;" Rudyard Kipling, "The Law and the Lady;" Russell Sage, "The Money Market;" Rev. Robert Collyer, the blacksmith preacher, "How Shall We Fill the Churches?" Mary E. Wilkins, greatest of New England novelists, "Are the Best Stories True?" John C. Sheehan, "How the Philippines Will Increase McKinley's Political Power;" Henry Clews, successful banker, "Beefsteak as a Civilizer;" Senator William B. Allison, "The Boom of the Century;" Henry Labouchere, the great editor and reformer of London, "The Unholy War;" John Kendrick Bangs, the humorist, "The New Disease, the Loving-Cup Industry;" Senator Mark A. Hanna, "False Prophets and Tin Gods;" President James J. Hill, of the Great Northern Railroad, "The New Prosperity and Its Stumbling Block;" Susan B. Anthony, "Results of Forty Years, a Retrospect;" D. O. Mills, "Ruinous Extravagance of the Poor;" ex-Mayor Wm. L. Strong, "A Lesson in the Price of Wool;" Mrs. Russell Sage, "Women Will Vote in 1914," a prophecy; Wm. R. Merriam, Director-General of the Census, "New York at the End of the Next Century."

#### AS A MEDIUM OF COMMUNICATION.

When prince or politician, or church dignitary, or scientist, or other publicist desires to express his views to the great American public, he naturally seeks the great representative newspaper of the country. THE WORLD is so considered, and it is recognized as a newspaper bent on printing all the facts, giving fair expression to both sides, as is evidenced by the number and character of those who have used it as a medium of communication.

Ambassador White addressed the American people through THE WORLD in an impressive summing up of the work of the International Peace Conference at The Hague, saying: "It marks the first stage of the abolition of the scourge of war."

The last great public utterance of the late Congressman Nelson Dingley, Chairman of the Ways and Means Committee of the House of Representatives, was in the form of an address to the people, in which he presented an able and remarkable exposition of the finances of "Empire," and he chose THE WORLD as the medium through which to reach the people.

Emperor William II. talked to the people of this country through THE WORLD of a closer union of the United States with Germany.

Cardinal Gibbons, head of the Roman Catholic Church in America, reached the people through THE WORLD in a 3,000-word communication on "The Cancer of Divorce."

Vice-President Figuero, of San Domingo, informed the American people through a despatch to THE WORLD that the assassination of President Heureaux was a murder, not a political killing. This gave much relief to those having commercial connections likely to be injured by an uprising in the "Black Republic."

#### THE RAMAPO ROBBERY.

More water than New York uses goes to waste over the Croton dam, yet the Board of Public Improvements would have given a contract to the Ramapo Water Company, by which it had the privilege of selling \$5,000,000 worth of water to the city every year for forty years, had it not been that THE WORLD discovered and exposed the scheme. By the Ramapo robbery the city would have been mulcted in eight years for more than the whole Croton lands, aqueducts, and reservoirs cost, and the life of the contract made it worth \$200,000,000 to the conspirators. After the exposure the Board of Public Improvements showed signs of being ready to defy the public, and THE WORLD secured an injunction forbidding the Board to make the contract and killed it.

## WOMAN'S ADVANCE IN THE WORLD.

The pages of **THE WORLD** are guide posts in the progress of civilization, the advance of the people toward that higher life which is the ideal of the sociologist, and in no phase of the onward march has there been anything more conspicuous than the uplifting of woman during the last half of the century. And her advance has been by her own energy and exertion, unaided, as Mrs. Elizabeth Cady Stanton well says, by any party, clique, or conspicuous body of men. Women have given to **THE WORLD** in the past years many thoughtful, timely articles. Among these contributors have been Susan B. Anthony, who resolutely opposed the entirely feminine movement to keep Roberts, the Mormon Representative-elect, out of Congress, and Mrs. Stanton, the two "Grand Old Women" of America, who have battled for the emancipation of their sisters, as they did fifty years ago for the freedom of the black slaves.

Grace Corneau, Countess de St. Maurice, who accompanied the party of Viceroy and Lady Curzon to India as **THE WORLD**'s special representative at the Maharajah's splendid court, contributed several articles, not the least interesting of which recounted her own experiences hunting real Bengal tigers in the jungles.

Patti's own story of her life, her three husbands, and her greatest love story illustrated the marvelous capacity of the human heart for youthfulness when its owner is happy.

Mmes. Bernhardt and Rejane on the Dreyfus trial.  
Helen Gardiner, life-long friend of Col. Robert G. Ingersoll, and author of "The Unofficial Patriot" and "The Rev. Griffith Davenport," wrote after the death of the great agnostic on "The Heart Cry of Ingersoll's Family."

Mrs. John Gilbert marked her eightieth year by writing for **THE WORLD** about her first appearance on the stage, illustrated by many rare photographs.

Lady Drummond, widow of the grandson of the Earl of Perth, and wife of Harry Masters, a Brooklyn mechanic, told the story of her elopement to America with the Earl's grandson, who became a laborer, and, dying, left her penniless, but with a little daughter who may some day become Lady Drummond.

Mrs. Coghlan, wife of Capt. J. B. Coghlan, of the Raleigh, in her husband's defence.  
Mrs. Fred. Funston, wife of "Fighting Fred," now a Brigadier-General, told about the life of a hero's wife after spending her honeymoon on the firing line in the Philippines.

Mrs. Harry J. Collins narrated the story of her life in Alaska.  
Mrs. Leonard Wood wrote the story of her life in Santiago and the work of her husband, General Wood, in Cuba.

There were timely articles by Emma Nevada, the famous singer; "Jennie June" (Mrs. J. C. Croly), first President of Sorosis; Mrs. John King Van Rensselaer, Mrs. Burton Harrison, Elizabeth Stuart Phelps, Beatrice Harraden, and Maude Adams.

## BABE RETURNED—KIDNAPPERS PUNISHED.

Baby Marlon Clarke was kidnapped in Central Park on Sunday, May 21. In twenty-four hours every man, woman, and child in New York was searching for the lost baby. Her parents were frantic. The mother became prostrated. For eight days the country was aroused, excited, and angry over this dastardly outrage. On May 23 **THE WORLD** offered a reward of \$1,000 to any one "who shall furnish to the Chief of Detectives of the New York City police force information leading to the recovery of the child, and leading to the arrest and conviction of the person or persons who planned, executed, or abetted said kidnapping."

On May 21 two women with a girl baby rented a room for the night in the home of Mrs. James Cosgriff in Brooklyn. On May 23 Mrs. Cosgriff saw a picture of Baby Marlon Clarke in **THE WORLD**. She notified Chief McClusky of her strange guests, who had been overheard saying they were going to a place the name of which ended in "burg," the fare to which was \$2.50. McClusky's men were soon scouring the regions of Sloatsburg, N. Y. Meantime Ada B. Carey, postmistress at St. John's, a lonely hamlet in the Ramapo Mountains, a few miles from Sloatsburg, had seen that picture, and she immediately recognized it as the portrait of a strange child in the custody of a strange visitor to her post-office, and set out to find a justice of the peace and get a warrant. Mamie Conklin, of St. John's, saw this woman and child and her suspicious were aroused. Her father sent a telegram to Capt. McClusky, which gave him the first information of where the child was. George Beaugard Barrow and his wife were arrested May 29, near St. John's, with Baby Clarke in their hands, and "Carrie Jones," the nursemaid, whose real name was Belle Anderson, was identified by a picture in **THE WORLD** and arrested at Summit, N. J., on June 2. Baby Marlon was restored to her parents.

All three kidnapers were indicted, tried, and convicted within two weeks, and are now serving heavy sentences in State prisons. On June 2 Capt. McClusky, in accordance with **THE WORLD**'s offer, divided the reward between Mrs. James Cosgriff and Austin Conklin.

## INTERESTING SPECIAL FEATURES.

The publication of the Rev. Charles M. Sheldon's wonderful book, "In His Steps," as a serial in **THE WORLD** was one of the most talked-of exploits of journalism during the year.

It was followed by H. G. Wells' remarkable story, "When the Sleeper Wakes," which told of the new life opened to a man who, falling asleep in the nineteenth century, awakes in the twenty-first century.

Miss Maude Adams' charming narrative of "Romeo and Juliet," in which she was playing at the time, and a delightful prose version of "Barbara Frietchie," by Julia Marlowe, for whom it had been dramatized, were among the literary features of **THE WORLD**.

**THE WORLD** had the pleasure of introducing the famous actress, Miss Clara Morris, as a story writer of no small talent.

"The New Decameron" made ten days of story telling, in which A. Conan Doyle, Maurice Jokal, William Le Queu, Julian Hawthorne, the late Grant Allen, George R. Sims, Gilbert Parker, Justin H. McCarthy, W. Clark Russell, and S. Baring Gould took part.

Hugh Bonner, ex-Chief of the New York Fire Department, wrote a series of true stories of the exploits of the army of heroes from the head of which he had just retired.

Dr. Talmage's Saturday lectures followed Revivalist Moody's one-minute sermons, and John Swinton's articles on social and labor questions kept both company.

Of great interest to amateur and professional sports were the lessons in billiards by Jacob Schaefer, "The Wizard of the Cue;" in wrestling, by Ernest Roeber; in boxing, by Terry McGovern; in dancing, by Prof. Carl Marwig, each fully illustrated and diagrammed.

## WHAT OTHER PEOPLE SAY ABOUT THE WORLD.

**The Buffalo Times**—Some citizens of the United States, under the lead of one of its enterprising journals, the **New York World**, made an effort (in behalf of the Boers) to put in practice the principles and fine theories of The Hague Peace Conference. The opportunity was a fine one to apply the plan formulated by the conference.

**The Worcester Spy**—The **New York World** continues its efforts to induce the President to suggest to Great Britain that arbitration is better than war in the case of the Boers. It is pertinent at this time to inquire what the great Peace Conference at The Hague in the Woods accomplished last Summer. Many days were given up to the agitation of olive branches and plans for universal peace. Yet there is no peace. Hardly was the convention over when the tocsin of war sounded.

**Omaha World-Herald**—President McKinley has rejected the monster petition of the **New York World** praying him to offer his services as mediator between England and the Transvaal. The **World-Herald** believes that alike from a religious, a humane, or a political standpoint the President's action is indefensible.

**Leslie's Weekly**—We doubt if any newspaper has ever before succeeded in getting behind it such powerful influences in the professional, political, social, and business world as the **New York World** gathered together in its spirited effort to secure the friendly mediation of the United States between Great Britain and the South African Republics. **THE WORLD'S** petition to the President, asking him to offer the friendly services of this country in the field of arbitration, was the legitimate outcome of the great Peace Congress at The Hague, and the first real and practical effort since the close of that congress to carry out its purpose. It is not surprising that the great **New York** newspaper had the earnest and prompt support of every thoughtful man who realized the horrors of war and the beneficent influences of peace.

**Middletown Daily Argus**—The **New York World** is just now made especially attractive by a new style of illustration, which has been copied by other metropolitan dailies and by papers in the large Western cities. It is a sort of crayon imitation, and is particularly effective, that of the late President Faure being pronounced especially good.

**Trenton True American**—The **New York World** is entitled to the credit of having taken the initiative in breaking the mystery that has so sedulously been kept around the Adams poisoning case.

**William Barnes, Jr.**, editor of the **Albany Journal**—The modern development of newspapers is certainly along the lines of **THE WORLD'S** departure. The people more and more desire to hear what others have to say.

**B. F. Paine**, **Cleveland Press**—There is and always will be a demand for the opinions of people who have studied things social, political, religious, economic, and scientific. That demand you have, I take it, undertaken to supply with editorials signed by such men as Sherman, Tolstoi, Sampson, and Sankey, presented in **THE WORLD'S** Editorial Forum.

**Clark Howell**, **Atlanta Constitution**—The Editorial Forum appeals to the common sense of the reading public, and is a distinct recognition of the demand of intelligence rather than a surrender to sensationalism.

**E. A. Grozier**, **Boston Post**—In my opinion the Editorial Forum of **THE WORLD** is a very excellent feature, appealing, as it does, to intelligent and thoughtful people.

**E. H. Clement**, **Boston Transcript**—I have admired greatly from the first **THE WORLD'S** Editorial Forum. It seems to me the augury and realization of a better journalism.

**Harrisburg Telegraph**—The **New York World** is engaged in an enterprise that the press of the country will heartily indorse—it is exposing the Christian Scientist healers, and doing it in such a way as must drive the quacks out of business. More power to it, and may it keep up the work until the sham is riddled to pieces.

**M. Paul de Rousiers'** book on "American Social Life," Paris—The influence of certain American journals is great. The **New York World** enjoys an incontestable authority.

**Oshkosh Times**—A Tammany man sued **THE WORLD** for \$75,000 and got six cents. The verdict is more cruel than the original libel.

**Paris Journal des Debats**—**THE WORLD** has many detractors, but even more readers. It is the most widely read sheet in the United States. It often prints more than a million copies in a day.

## COMPELLING COMPENSATION FOR FRANCHISES.

When street railway competition in New York was reduced to two companies, through the absorption of all the others, and these two "pooled their issues" and agreed to divide up the eighty miles of streets for which each had asked a franchise, **THE WORLD** pointed out that this meant an absence of that competition which would make the public sale of the franchises a real auction. Each company asked only for a franchise for such streets as had been allotted to it in the combine, and offered to the city 3 per cent of the gross receipts for the first five years, and 5 per cent for the twenty years remaining of the term of the franchise. **THE WORLD** protested that these were the most valuable franchises the city had to give, with a monopoly of the traffic from the city to Yonkers, and that much higher compensation should be given. It showed that sixteen street surface railways alone, capitalized at \$78,600,000, with gross earnings in 1896 of \$13,869,000, paid into the city treasury on franchise account only \$192,000. The Board of Estimate saw the light, and fixed the rates for the first sixteen-mile franchise at 4 per cent for the first five years, 6 per cent for the second five years, 8 per cent for the third five years, and 10 per cent for the remaining ten years.

## DEFEAT OF THE ASTORIA GRAB.

The defeat of the attempt of the Astoria Light, Heat, and Power Company to grab a monopoly of the city's streets, under the guise of a bill before the Legislature purporting to be intended only to give the Consolidated Gas Company the right to lay pipes under the East River, connecting the company's new works on the Long Island side with its feed pipes on the New York side, was one of the notable services of **THE WORLD** to the public of New York City.

## INCREASE OF TEACHERS' SALARIES.

One of the proudest public services performed by **THE WORLD** during the past year was that of securing for the 10,000 teachers in the public schools of the Imperial City of America, through the passage of the Ahearn Teachers' Salary bill, assurances of a steady and steadily increasing return in wages. It made an immediate increase in the salary appropriation of above \$500,000, and gave zealous teachers something to look forward to.

## FIRST NEWS IN THE WORLD.

Other newspapers got their first news from the columns of THE WORLD regarding these happenings during 1899:

- The death of Vice-President Hobart.
- The railway disaster at West Dunellen, near Bound Brook, N. J., January 10, in which sixteen persons were killed and more than thirty injured.
- The safety of all the passengers on the American line steamship Paris, about whose fate all America was worrying.
- The result of the Jeffries-Fitzsimmons prize fight for the world's championship.
- Richard Croker's explanation on behalf of the city administration of the doubling of assessments for taxation purposes.
- The first statement of Harry Cornish in the Mrs. Adams poisoning case.
- The neglect of the ashes of Col. George E. Waring, Jr.
- The retirement of Secretary of War R. A. Alger from the President's Cabinet.
- Of the hardest battle on land in the Philippines, the news of which was given to President McKinley in Thomasville, Ga., March 25, first by THE WORLD.
- The confession of James Billings to William Johnson that he murdered Susie Martin in March, 1894.
- The solution of the mystery of the murder of Benjamin Nathan through the death of Frene McCready, thirty years after the tragedy.
- The confession of Martha Place, electrocuted for the murder of her stepdaughter, Ida Place, March 21.
- Accounts of the progress of the record-making automobile expedition from Buffalo to New York by the only reporter on the vehicle.
- Commander Lucien Young's startling discovery regarding the blowing up of the Maine with gun-totton November 25. Secretary of the Navy Long got the first news of it from THE WORLD.
- The story of the secret marriage of Anna M. Wright to the late Thomas J. Havemeyer.

## COMMEMORATIVE AND SPECIAL NUMBERS.

The special numbers of THE WORLD in commemoration of historical events, or celebration of National, State, or municipal occasions, are famous all over the land.

The year began with the New Year's number. It had twenty-four pages of marvellous printing in colors, reproductions of great works of art, photographs, and original drawings all delicately colored; a splendid review of the historical aspects of progress, by John Bach McMaster; review of the century from a religious viewpoint, by Rabbi Gustav Gottheil and Rev. Lyman Abbott; "The Development of the Press," by Postmaster-General Charles Emory Smith; "Mercantile Progress," by Robert Dun Douglas; "One Hundred Years in the United States Army," by Major-Gen. Nelson A. Miles; "The West," by ex-Senator John J. Ingalls; "What the Century Has Done for Women," by Julia Ward Howe; "A Century in Medicine," by Dr. George F. Shrady; "The Player and the Playhouse," by Joseph Jefferson.

The "Jackson's Day" number, next in order chronologically, was scarcely less interesting, with its graphic account of the life of "Old Hickory," the battles of Buena Vista and New Orleans.

## THE NATION'S DAY OF MOURNING.

The Memorial Day WORLD presented portraits in half-tone of over 200 of the nation's heroes who laid down their lives that the glory of the constellation in the old flag should not be dimmed, besides pictures of New York's hero dead in that group of martyrs who fell in the Spanish War, with the story of how and where they fell. There were thoughtful contributions, too, by Gen. Nelson A. Miles, Gen. Arthu MacArthur, Gen. Frederick Funston, Gen. Lloyd Wheaton, Gen. Irving Hale, Gen. Joseph E. Wheeler, the late Col. Robert G. Ingersoll, the Rev. William S. Rainsford, the Rev. T. De Witt Talmage, Mrs. Jefferson Davis, Mrs. Eliza Rogers Sigsbee, wife of the commander of the Maine, and Mrs. John A. Logan.

## SPECIAL NUMBERS.

The Thanksgiving number was conspicuously fine. It consisted of seven parts, and included a "Hymn of Thanksgiving," written specially for THE WORLD by Fanny J. Crosby, with music by Ira D. Sankey.

There was the Summer Fashion number, with its special half-tone supplement in colors, portraying styles in everything for men and women from top to toe.

The Coast number was a cinematograph of the joyous vacation life along the shore from Sandy Hook to Barnegat, in colors and half tone.

The Horse Show number told exactly what was the proper thing in dress for the opening event of the town season, with a two-page series of color pictures and photographs taken expressly for THE WORLD, and presented a full-page reproduction in colors of Gilbert Gaul's painting, "The Horse Show."

The Victorian number, on Her Majesty's birthday, in addition to a splendidly illustrated story of Queen Victoria and her own message of thanks to THE WORLD, presented comments on her life and character from ex-President Harrison, President Porfirio Diaz, of Mexico; Mrs. John A. Logan, Mrs. Jefferson Davis, President Angell, of the University of Michigan; Bishop Doane, of Albany; Bishop Cheney, of Chicago; Bishop Ninde, President Jordan, of Stanford University; Marie Corelli, Lady Jeune, Susan B. Anthony, and the Governors of many States and the representatives of the great women's societies.

On the first anniversary of the Battle of Manila Bay and the "Greatest News Beat of the Century," scored by THE WORLD in its account of that battle, days ahead of any other newspaper, a life history of Dewey, from his boyhood in Vermont down to the bestowal of the highest honors a sailor can attain, was given with a special half-tone supplement in colors.

The Dewey number was another conspicuous triumph. It was a feature of the city's welcome to the nation's idol. It was accompanied by a grand, large portrait of the Admiral in colors; the story of George Dewey's life, from the cradle to the Admiralty, written by John R. Spears, the historian of the American Navy, and enriched by a multitude of graphic illustrations; a spirited two-page picture in colors of the Battle of Manila Bay, and a fine picture of the Dewey Arch of Triumph in Madison Square as illuminated the night of New York City's reception to the returning hero.

The Pulitzer Building, home of THE WORLD, was splendidly decorated and illuminated during the Dewey celebration, and the Statue of Liberty in the harbor was made a blaze of glory by night by THE WORLD.

The Christmas number, December 10, had as its leading feature an original story by Mark Twain, "My First Lie, and How I Got Out of It," and was a conspicuous addition to the literature of the year.

#### MINOR SERVICES.

After long, patient, hard work by THE WORLD for open-air public gymnasiums for the benefit of the youth of the tenement-house district, Seward Park was turned over to the Outdoor Recreation League last Summer, and a completely equipped gymnasium and playground established there.

Two new recreation piers, making eleven in all of these delightful breathing spots on our river fronts, have been opened during the year under the Walker law, the passage of which was secured by THE WORLD.

The boys' club idea of THE WORLD, further extending the usefulness to the people of the public school-houses, is under experiment in two of the school-houses at present and a dozen clubs of embryo statesmen hold forth during the week in their free club rooms.

Thanks to THE WORLD's sturdy championship of common sense, the delicatessen dealers and other caterers to the poor can no longer be molested by the Sunday-closing associations or other intolerant reformers who would curtail personal liberty.

THE WORLD made a careful canvass and found that 25,000 children were crowded out of school for lack of room. It entered upon a crusade for new school-houses, and, after a seven months' fight, a bond issue of \$7,673,640 was authorized by the Board of Estimate and Apportionment, and approved by the Municipal Assembly, and the work of building twenty-four new schools was begun.

THE WORLD scored a victory in its fight against the soft-coal nuisance, securing indictments against those who persisted in polluting and darkening the atmosphere of the city with soft-coal smoke, their speedy trial, and prompt conviction and punishment.

After giving to its readers the best account of the "drifting" races of the Columbia and Shamrock, and chronicling the eight failures to get wind enough to race, THE WORLD, joining with the London Mail, offered a \$500 cup for a special race or races between the yachts on a triangular course on the first windy day. Sir Thomas Lipton gratefully thanked THE WORLD for the generous offer, and would have accepted the proposition had it not happened that on the last trial it was "nothing but Shamrock weather," and he manfully and in a sportsmanlike way, conceded that "the Columbia was the better boat and could out sail the Shamrock in any kind of race."

After the disastrous Windsor Hotel fire THE WORLD made a special effort to ascertain the name of every fireman who had distinguished himself by special heroism in that holocaust. It published a long roll of honor, with the portraits and brief biographies of the men, together with a graphic account of the especial deed of bravery and self-sacrifice performed by each.

Through THE WORLD's exposure of the cruelty and mismanagement of the Elmira Reformatory, and its advocacy of the establishment of a reformatory for New York City, the plans for such an institution on Riker's Island came about.

The scheme in the Municipal Council to make a park out of the triangle at Twenty-second and Twenty-third streets, Broadway and Fifth avenue, at a cost to the city of \$3,000,000, was killed. The secret purpose was to give the Metropolitan Street Railway more room for its switching yard at this point.

#### ABOLISHING SWEAT SHOPS.

The exposure of the cruelties practised, and the dangers menacing the young girls and children employed in the sweat shops, where government and civilian clothing was made, resulted first in the decision of the Army and Navy Departments that no more uniforms should be made in these vile places, and then, by the passage of the Costello "Anti-Sweat Shop" bill by the Legislature, Governor Roosevelt appointed Jacob A. Riis a special commissioner to investigate the sweat shops. Citizens in mass-meeting indorsed the bill, the Central Federated Union, the President of the Board of Health, and several clergymen approved THE WORLD's crusade, and the Governor signed the bill. Mr. Riis said of THE WORLD's fight against the sweat shops: "It is the best thing that has been done for the women and children, to whom starvation wages are paid. Doing away with the sweat-shop evil means better pay and shorter hours for thousands."

#### BROCKWAYISM CURBED.

THE WORLD's long war against "Brockwayism" has resulted at last in the abolishing of the paddle, the strap, and the chain as implements of punishment in the Elmira Reformatory, though not until Z. R. Brockway, the Superintendent of this institution for the reformation of young first offenders against the law, had admitted that thirty-three reformatory inmates had become insane in the first ten months of 1899, and had been sent to the State Hospital for Insane Criminals. THE WORLD exposed the brutality of Brockway by scores of sworn witnesses. Many judges flatly refused to sentence young criminals to Elmira after that, and until Governor Roosevelt selected a new board of managers. The new board has put a stop to his methods, and no inmate will ever again be paddled or chained to the floor.

#### EXPERTS AND SPECIALISTS AS REPORTERS FOR THE WORLD.

Commissioner Peck, representative of this Government at the Paris Exposition, wrote a full report in May of the progress of the work and America's share in the exposition.

President Truesdale, of the Delaware, Lackawanna, and Western Railroad, wrote a convincing article showing why his road makes eight hours of rest compulsory among its employes.

Rear-Admiral William T. Sampson reported for THE WORLD on the work of the Naval Reserve in the Cuban campaign.

Senator Depew and Representative William Astor Chanler reported the opening of their respective bodies of Congress for THE WORLD.

#### MUSIC FOR THE MILLIONS.

THE WORLD treated its readers to a library of music last Summer by a unique and gigantic enterprise which involved the printing and distribution to its readers of ten pieces of music, songs by eminent and popular composers, to the number of over 5,000,000.

## THE END OF ALGERISM.

When the scandals in the management of the War Department had demonstrated the necessity for a change, THE WORLD demanded a surcease of Algerism. It kept up the fight until more than half the newspapers in the United States joined in asking for the dismissal of Secretary Alger from the Cabinet. THE WORLD published, in reduced fac-simile, editorials from 132 daily newspapers of all parties, sustaining its position. It showed that the United States Government had spent \$99,660 in an investigation, in which the investigators had plainly whitewashed the Secretary. Alger left the Cabinet July 19, and THE WORLD was ahead of all its contemporaries in publishing the news.

## TO HARLEM IN FIFTEEN MINUTES.

"To Harlem in Fifteen Minutes" has been THE WORLD'S slogan in its long campaign for rapid transit. When other obstacles had been eliminated and the Rapid Transit Commission had formulated a plan for the underground road it was found that the city's debt was close up to the constitutional limit. The Legislature was asked to amend the law so that the tunnel might be built by private parties. THE WORLD suggested a people's syndicate, and, as an evidence of its sincerity, pledged itself to take \$7,000,000 worth of the \$75,000,000 capitalization necessary. The balance needed was offered within three days. At the recent election, however, an amendment to the Constitution was ratified by the people separating county debts from city debts, for the purpose of computing the bond-issuing capacity of the city, and this at once provided available funds. A half dozen qualified firms have prepared to bid for the work of constructing the road, and the year 1900 promises to see the work begun.

## LIFTING THE PARNELL MORTGAGE.

When Lord Mayor Tallon, of Dublin, and John Redmond, M. P., visited America and appealed on behalf of the Irish people for assistance in paying off the long overdue mortgage upon the home of the late leader and idol of the home rulers, Charles Stewart Parnell, THE WORLD joined in the work, and in three days more than enough money was raised, and the home of Ireland's greatest leader of modern days was saved.

## THE PUBLIC LIBRARY.

The movement to secure a Public Library Building to house the Astor-Lenox-Tilden City Library, and to be opened in the evenings and on Sundays, and to provide a circulating library for the poor, which was started by THE WORLD, was crowned with success when on April 4 the Board of Estimate authorized, and the Municipal Assembly approved, the issue of \$500,000 in bonds to pay the expense of removing the old reservoir from the site selected in Bryant Park, Fifth Avenue, Forty to Forty-second Street. The work was begun within a month, and the \$2,500,000 library building will be reared and ready for occupancy by 1902.

## THE AMSTERDAM AVENUE GRAB.

After a fight lasting 108 days, in which the most powerful political influence and the ablest legal talent in New York was arrayed against THE WORLD in its effort to save Amsterdam Avenue, in New York, from the street railway corporation which, reckless of the lives and limbs of the school children, men, and women who must cross this crowded thoroughfare daily, would have laid four parallel tracks for electric cars there, and indeed did actually go on with the work and laid five miles of tracks, the measure known as the "Amsterdam Avenue bill" passed the Legislature and became a law.

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MAKE THE WORLD YOUR PAPER IN 1900.

THE astronomical calculations in this ALMANAC were expressly made for it by J. Morrison, M. A., M. D., Ph. D., of Washington, D. C., and are expressed in local mean time.

## Chronological Eras.

The year 1900, which is a common year of 365 days, corresponds to the year 7408-09 of the Byzantine era, to 5660-61 of the Jewish era, the year 5661 beginning at sunset on September 23; to 2653 since the foundation of Rome according to Varro, to 2647 of the era of Nabonassar; to 2676 of the Olympiads (the fourth year of the 669th Olympiad beginning July 1, 1900); to 2560 of the Japanese era, and to the 33d year of the Meiji; to 1317-18 of the Mohammedan era or the era of the Hegira the year 1318 beginning on May 1, 1900. The 125th year of the Independence of the United States of America begins on July 4, 1900.

## Date of Beginning of Epochs, Eras, and Periods.

| Name.                                | Began.              | Name.                         | Began.             |
|--------------------------------------|---------------------|-------------------------------|--------------------|
| Greecian Mundane Era.....            | B. C. 5598, Sept. 1 | Tyrian Era.....               | B. C. 125, Oct. 19 |
| Civil Era of Constantinople.....     | " 5508, Sept. 1     | Sidonian Era.....             | " 110, Oct. 1      |
| Alexandrian Era.....                 | " 5502, Aug. 29     | Cæsarean Era of Antioch.....  | " 48, Sept. 1      |
| Ecclesiastical Era of Antioch.....   | " 5492, Sept. 1     | Julian Year.....              | " 45, Jan. 1       |
| Julian Period.....                   | " 4713, Jan. 1      | Spanish Era.....              | " 38, Jan. 1       |
| Mundane Era.....                     | " 4008, Oct. 1      | Actian Era.....               | " 30, Jan. 1       |
| Jewish Mundane Era.....              | " 3761, Oct. 1      | Augustan Era.....             | " 27, Feb. 14      |
| Era of Abraham.....                  | " 2015, Oct. 1      | Julian Christian Era.....     | A. D. 1, Jan. 1    |
| Era of the Olympiads.....            | " 776, July 1       | Destruction of Jerusalem..... | " 69, Sept. 1      |
| Roman Era (A. U. C.).....            | " 753, Apr. 24      | Era of Diocletian.....        | " 284, Sept. 17    |
| Era of Nabonassar.....               | " 747, Feb. 26      | Era of Ascension.....         | " 295, Nov. 12     |
| Metonic Cycle.....                   | " 432, July 15      | Era of the Armenians.....     | " 552, July 7      |
| Greecian or Syro-Macedonian Era..... | " 312, Sept. 1      | Mohammedan Era.....           | " 622, July 16     |
| Era of Maccabees.....                | " 166, Nov. 24      | Persian Era of Yezdegird..... | " 632, June 16     |

## Chronological Cycles.

|                       |    |                                  |   |                      |      |
|-----------------------|----|----------------------------------|---|----------------------|------|
| Dominical Letter..... | G  | Lunar Cycle (Golden Number)..... | 1 | Roman Indiction..... | 13   |
| Epact.....            | 29 | Solar Cycle.....                 | 5 | Julian Period.....   | 6613 |

## The Seasons.

|                   |               |           |    |             |                       |
|-------------------|---------------|-----------|----|-------------|-----------------------|
| Vernal Equinox,   | Spring begins | March     | 20 | 8 3/4 V. M. | } New York Mean Time. |
| Summer Solstice,  | Summer begins | June      | 21 | 4.4 P. M.   |                       |
| Autumnal Equinox, | Autumn begins | September | 23 | 7.1 A. M.   |                       |
| Winter Solstice,  | Winter begins | December  | 22 | 1.4 A. M.   |                       |

## Morning Stars.

MERCURY.—Jan. 1 to Feb. 9; March 24 to May 30; Aug. 1 to Sept. 13; Nov. 20 to end of year.  
 VENUS.—July 8 to end of year.  
 MARS.—January 16 to end of year.  
 JUPITER.—Jan. 1 to May 27; Dec. 14 to end of year.  
 SATURN.—January 1 to June 23.

## Evening Stars.

MERCURY.—February 9 to March 24; May 30 to August 1; September 13 to November 20.  
 VENUS.—January 1 to July 8.  
 MARS.—January 1 to January 16.  
 JUPITER.—May 27 to December 14.  
 SATURN.—July 23 to December 29.

NOTE.—An inferior planet is a morning star from Inferior to Superior Conjunction, and an evening star from Superior to Inferior Conjunction. A superior planet is a morning star from Conjunction to Opposition and an evening star from Opposition to Conjunction.

## Church Memoranda for 1900.

| January                 | April.                     | July.                       | October.                  |
|-------------------------|----------------------------|-----------------------------|---------------------------|
| 1 Monday.               | 1 v. Sunday in Lent.       | 1 iii. Sunday aft. Trinity  | 1 Monday.                 |
| 6 Epiphany              | 8 Palm Sunday.             | 8 iv. " " "                 | 7 xvii. Sun. aft. Trinity |
| 7 i. Sun. aft. Epiphany | 13 Good Friday.            | 15 v. " " "                 | 14 xviii. " " "           |
| 14 ii. " " "            | 15 Easter Sunday.          | 22 vi. " " "                | 21 xix. " " "             |
| 21 iii. " " "           | 22 Low Sunday.             | 29 vii. " " "               | 28 xx. " " "              |
| 28 iv. " " "            | 29 ii. Sunday aft. Easter  |                             |                           |
| February.               | May.                       | August.                     | November.                 |
| 1 Thursday              | 1 Tuesday.                 | 1 Wednesday.                | 1 Thursday.               |
| 4 Quadragesima Sunday   | 6 iii. Sunday aft. Easter. | 5 viii. Sunday aft. Trinity | 4 xxi. Sun. aft. Trinity  |
| 11 Septuagesima Sunday  | 13 iv. " " "               | 12 ix. " " "                | 11 xxii. " " "            |
| 18 Sexagesima           | 20 Rogation Sunday.        | 19 x. " " "                 | 18 xxiii. " " "           |
| 25 Quinquagesima        | 24 Ascension Day           | 26 xi. " " "                | 25 xxiv. " " "            |
| 27 Shrove Tuesday       | 27 vi. Sunday aft. Easter. |                             | 30 St. Andrew.            |
| 28 Ash Wednesday        |                            |                             |                           |
| March.                  | June.                      | September.                  | December.                 |
| 1 Thursday              | 1 Friday                   | 1 Saturday                  | 1 Saturday                |
| 4 i. Sunday in Lent.    | 3 Whit Sunday              | 2 xii. Sunday aft. Trinity  | 2 Advent Sunday           |
| 11 ii. " " "            | 10 Trinity Sunday.         | 9 xiii. " " "               | 9 ii. Sunday in Advent    |
| 18 iii. " " "           | 17 i. Sunday aft. Trinity  | 16 xiv. " " "               | 16 iii. " " "             |
| 21 Thurs. (Mi-Careme)   | 24 ii. " " "               | 23 xv. " " "                | 23 iv. " " "              |
| 25 iv. Sunday in Lent.  |                            | 30 xvi. " " "               | 25 Christmas.             |
|                         |                            |                             | 27 St. John Evangelist    |
|                         |                            |                             | 31 Monday                 |

## Ember and Rogation Days.

EMBER and Rogation Days are certain periods of the year devoted to prayer and fasting. Ember Days (twelve annually) are the Wednesday, Friday, and Saturday after the first Sunday in Lent, after the feast of Pentecost (Whit Sunday), after the festival of the Holy Cross (September 14), and after the festival of St. Lucia (December 13). Ember Weeks are the weeks in which the Ember Days appear.

Rogation Days are the three days immediately preceding Holy Thursday or Ascension Day.

## Church Fasts.

THE Roman Catholic Days of fasting are the forty days of Lent, the Ember Days, the Wednesdays and Thursdays of the four weeks in Advent, and certain vigils or evenings prior to the greater feasts. In the American Episcopal Church the days of fasting or abstinence to be observed, according to the Book of Common Prayer, are the forty days of Lent, the Ember Days, the three Rogation Days, and all the Fridays of the year except Christmas Day. In the Greek Church the four principal fasts are those in Lent, the week succeeding Whitsuntide, the fortnight before the Assumption and forty days before Christmas.

## Divisions of Time.

THE Interval between two consecutive transits of a fixed star over any meridian or the Interval during which the earth makes one absolute revolution on its axis is called a *Sidereal Day*, and is invariable, while the interval between two consecutive transits of the Sun over any meridian is called an *Apparent Solar Day*, and its length varies from day to day by reason of the variable motion of the earth in its orbit, and the inclination of this orbit to the equator, on which time is measured.

A *Mean Solar Day* is the average or mean of all the apparent solar days in a year. *Mean Solar Time* is that shown by a well-regulated clock or watch, while *Apparent Solar Time* is that shown by a well-constructed sun-dial; the difference between the two at any time is the *Equation of Time*, and may amount to 16 minutes and 21 seconds. The *Astronomical Day* begins at noon and the *Civil Day* at the preceding midnight. The *Sidereal* and *Mean Solar Days* are both invariable, but one day of the latter is equal to 1 day, 3 minutes, and 56.555 seconds of the former.

The Interval during which the earth makes one absolute revolution round the Sun is called a *Sidereal Year*, and consists of 365 days, 6 hours, 9 minutes, and 9.6 seconds, which is invariable.

The *Tropical Year* is the interval between two consecutive returns of the Sun to the Vernal Equinox. If this were a fixed point, the *Sidereal* and *Tropical Years* would be identical; but in consequence of the disturbing influence of the moon and planets on the spheroidal figure of the earth, the Equinox has a slow, retrograde mean motion of 50.26'' annually, so that the Sun returns to the Equinox sooner every year than he otherwise would by 20 minutes 23.6 seconds; the *Tropical Year*, therefore, consists of 365 days, 5 hours, 48 minutes, and 46 seconds. The *Tropical Year* is not of uniform length; it is now slowly decreasing at the rate of .595 second per century, but this variation will not always continue.

Julius Cæsar, in B. C. 45, was the first to reform the calendar by ordering that every year whose date number is exactly divisible by 4 contain 366 days, and all other years 365 days. The intercalary day was introduced by counting the sixth day before the Kalends of March twice; hence the name bissextile, from bis, twice, and sex, six. He also changed the beginning of the year from 1st of March to the 1st of January, and also changed the name of the fifth month (Quintilis) to July, after himself. The average length of the Julian year is therefore 365.25 days, which, however, is too long by 11 minutes and 14 seconds, and this would accumulate in 400 years to about three days. The Julian Calendar continued in use until A. D. 1582, when the date of the beginning of the seasons occurred 10 days later than in B. C. 45, when this mode of reckoning time was introduced.

The Gregorian Year was introduced by Pope Gregory XIII. with the view of keeping the Equinox to the same day of the month. It consists of 365 days, but every year exactly divisible by 4 and the centennial years which are exactly divisible by 400 contain 366 days; and if in addition to this arbitrary arrangement the centennial years exactly divisible by 4,000 contain 366 days, the error in the Gregorian system will amount to only one day in about 20 centuries. If, however, 31 leap years were intercalated in 128 years, instead of 32 as at present, the calendar would be practically exact and the error would not amount to more than a day in 100,000 years. The length of the mean Gregorian Year may therefore be set down at 365 days, 5 hours, 49 minutes, 12 seconds. The Gregorian Calendar was introduced into England and her colonies in 1752, at which time the Equinox had retrograded 11 days since the Council of Nice in A. D. 325, when the festival of Easter was established and the Equinox occurred on March 21; hence September 3, 1752, was called September 14, and at the same time the commencement of the legal year was changed from March 25 to January 1, so that the year 1751 lost the months of January and February and the first 24 days of March. The difference between the Julian and Gregorian Calendars is now 12 days. Russia and the Greek Church still employ the Julian Calendar for civil and ecclesiastical purposes.

## Standard Time.

PRIMARILY, for the convenience of the railroads, a standard of time was established by mutual agreement in 1883, by which trains are run and local time regulated. According to this system, the United States, extending from 65° to 125° west longitude, is divided into four time sections, each of 15° of longitude, exactly equivalent to one hour, commencing with the 75th meridian. The first (eastern) section includes all territory between the Atlantic coast and an irregular line drawn from Detroit to Charleston, S. C., the latter being its most southern point. The second (central) section includes all the territory between the last-named line and an irregular line from Bismarck, N. D., to the mouth of the Rio Grande. The third (mountain) section includes all territory between the last-named line and nearly the western borders of Idaho, Utah, and Arizona. The fourth (Pacific) section covers the rest of the country to the Pacific coast. Standard time is uniform inside each of these sections, and the time of each section differs from that next to it by exactly one hour. Thus at 12 noon in New York City (eastern time), the time at Chicago (central time) is 11 o'clock A. M.; at Denver (mountain time), 10 o'clock A. M., and at San Francisco (Pacific time), 9 o'clock A. M. Standard time is 16 minutes slower at Boston than true local time, 4 minutes slower at New York, 8 minutes faster at Washington, 19 minutes faster at Charleston, 28 minutes slower at Detroit, 18 minutes faster at Kansas City, 10 minutes slower at Chicago, 1 minute faster at St. Louis, 28 minutes faster at Salt Lake City, and 10 minutes faster at San Francisco.



## Table of Days Between Two Dates.

A TABLE OF THE NUMBER OF DAYS BETWEEN ANY TWO DATES WITHIN TWO YEARS.

| Day Mo. | Jan. | Feb. | Mar. | April. | May. | June. | July. | Aug. | Sept. | Oct. | Nov. | Dec. | Day Mo. | Jan. | Feb. | Mar. | April. | May. | June. | July. | Aug. | Sept. | Oct. | Nov. | Dec. |
|---------|------|------|------|--------|------|-------|-------|------|-------|------|------|------|---------|------|------|------|--------|------|-------|-------|------|-------|------|------|------|
| 1       | 31   | 28   | 27   | 26     | 25   | 24    | 23    | 22   | 21    | 20   | 19   | 18   | 1       | 31   | 28   | 27   | 26     | 25   | 24    | 23    | 22   | 21    | 20   | 19   | 18   |
| 2       | 30   | 27   | 26   | 25     | 24   | 23    | 22    | 21   | 20    | 19   | 18   | 17   | 2       | 30   | 27   | 26   | 25     | 24   | 23    | 22    | 21   | 20    | 19   | 18   | 17   |
| 3       | 29   | 26   | 25   | 24     | 23   | 22    | 21    | 20   | 19    | 18   | 17   | 16   | 3       | 29   | 26   | 25   | 24     | 23   | 22    | 21    | 20   | 19    | 18   | 17   | 16   |
| 4       | 28   | 25   | 24   | 23     | 22   | 21    | 20    | 19   | 18    | 17   | 16   | 15   | 4       | 28   | 25   | 24   | 23     | 22   | 21    | 20    | 19   | 18    | 17   | 16   | 15   |
| 5       | 27   | 24   | 23   | 22     | 21   | 20    | 19    | 18   | 17    | 16   | 15   | 14   | 5       | 27   | 24   | 23   | 22     | 21   | 20    | 19    | 18   | 17    | 16   | 15   | 14   |
| 6       | 26   | 23   | 22   | 21     | 20   | 19    | 18    | 17   | 16    | 15   | 14   | 13   | 6       | 26   | 23   | 22   | 21     | 20   | 19    | 18    | 17   | 16    | 15   | 14   | 13   |
| 7       | 25   | 22   | 21   | 20     | 19   | 18    | 17    | 16   | 15    | 14   | 13   | 12   | 7       | 25   | 22   | 21   | 20     | 19   | 18    | 17    | 16   | 15    | 14   | 13   | 12   |
| 8       | 24   | 21   | 20   | 19     | 18   | 17    | 16    | 15   | 14    | 13   | 12   | 11   | 8       | 24   | 21   | 20   | 19     | 18   | 17    | 16    | 15   | 14    | 13   | 12   | 11   |
| 9       | 23   | 20   | 19   | 18     | 17   | 16    | 15    | 14   | 13    | 12   | 11   | 10   | 9       | 23   | 20   | 19   | 18     | 17   | 16    | 15    | 14   | 13    | 12   | 11   | 10   |
| 10      | 22   | 19   | 18   | 17     | 16   | 15    | 14    | 13   | 12    | 11   | 10   | 9    | 10      | 22   | 19   | 18   | 17     | 16   | 15    | 14    | 13   | 12    | 11   | 10   | 9    |
| 11      | 21   | 18   | 17   | 16     | 15   | 14    | 13    | 12   | 11    | 10   | 9    | 8    | 11      | 21   | 18   | 17   | 16     | 15   | 14    | 13    | 12   | 11    | 10   | 9    | 8    |
| 12      | 20   | 17   | 16   | 15     | 14   | 13    | 12    | 11   | 10    | 9    | 8    | 7    | 12      | 20   | 17   | 16   | 15     | 14   | 13    | 12    | 11   | 10    | 9    | 8    | 7    |
| 13      | 19   | 16   | 15   | 14     | 13   | 12    | 11    | 10   | 9     | 8    | 7    | 6    | 13      | 19   | 16   | 15   | 14     | 13   | 12    | 11    | 10   | 9     | 8    | 7    | 6    |
| 14      | 18   | 15   | 14   | 13     | 12   | 11    | 10    | 9    | 8     | 7    | 6    | 5    | 14      | 18   | 15   | 14   | 13     | 12   | 11    | 10    | 9    | 8     | 7    | 6    | 5    |
| 15      | 17   | 14   | 13   | 12     | 11   | 10    | 9     | 8    | 7     | 6    | 5    | 4    | 15      | 17   | 14   | 13   | 12     | 11   | 10    | 9     | 8    | 7     | 6    | 5    | 4    |
| 16      | 16   | 13   | 12   | 11     | 10   | 9     | 8     | 7    | 6     | 5    | 4    | 3    | 16      | 16   | 13   | 12   | 11     | 10   | 9     | 8     | 7    | 6     | 5    | 4    | 3    |
| 17      | 15   | 12   | 11   | 10     | 9    | 8     | 7     | 6    | 5     | 4    | 3    | 2    | 17      | 15   | 12   | 11   | 10     | 9    | 8     | 7     | 6    | 5     | 4    | 3    | 2    |
| 18      | 14   | 11   | 10   | 9      | 8    | 7     | 6     | 5    | 4     | 3    | 2    | 1    | 18      | 14   | 11   | 10   | 9      | 8    | 7     | 6     | 5    | 4     | 3    | 2    | 1    |
| 19      | 13   | 10   | 9    | 8      | 7    | 6     | 5     | 4    | 3     | 2    | 1    | 31   | 19      | 13   | 10   | 9    | 8      | 7    | 6     | 5     | 4    | 3     | 2    | 1    | 31   |
| 20      | 12   | 9    | 8    | 7      | 6    | 5     | 4     | 3    | 2     | 1    | 31   | 30   | 20      | 12   | 9    | 8    | 7      | 6    | 5     | 4     | 3    | 2     | 1    | 31   | 30   |
| 21      | 11   | 8    | 7    | 6      | 5    | 4     | 3     | 2    | 1     | 31   | 29   | 29   | 21      | 11   | 8    | 7    | 6      | 5    | 4     | 3     | 2    | 1     | 31   | 29   |      |
| 22      | 10   | 7    | 6    | 5      | 4    | 3     | 2     | 1    | 31    | 28   | 28   | 28   | 22      | 10   | 7    | 6    | 5      | 4    | 3     | 2     | 1    | 31    | 28   | 28   |      |
| 23      | 9    | 6    | 5    | 4      | 3    | 2     | 1     | 31   | 27    | 27   | 27   | 27   | 23      | 9    | 6    | 5    | 4      | 3    | 2     | 1     | 31   | 27    | 27   | 27   |      |
| 24      | 8    | 5    | 4    | 3      | 2    | 1     | 31    | 26   | 26    | 26   | 26   | 26   | 24      | 8    | 5    | 4    | 3      | 2    | 1     | 31    | 26   | 26    | 26   | 26   |      |
| 25      | 7    | 4    | 3    | 2      | 1    | 31    | 25    | 25   | 25    | 25   | 25   | 25   | 25      | 25   | 25   | 25   | 25     | 25   | 25    | 25    | 25   | 25    | 25   | 25   | 25   |
| 26      | 6    | 3    | 2    | 1      | 31   | 24    | 24    | 24   | 24    | 24   | 24   | 24   | 24      | 24   | 24   | 24   | 24     | 24   | 24    | 24    | 24   | 24    | 24   | 24   | 24   |
| 27      | 5    | 2    | 1    | 31     | 23   | 23    | 23    | 23   | 23    | 23   | 23   | 23   | 23      | 23   | 23   | 23   | 23     | 23   | 23    | 23    | 23   | 23    | 23   | 23   | 23   |
| 28      | 4    | 1    | 31   | 22     | 22   | 22    | 22    | 22   | 22    | 22   | 22   | 22   | 22      | 22   | 22   | 22   | 22     | 22   | 22    | 22    | 22   | 22    | 22   | 22   | 22   |
| 29      | 3    | 31   | 21   | 21     | 21   | 21    | 21    | 21   | 21    | 21   | 21   | 21   | 21      | 21   | 21   | 21   | 21     | 21   | 21    | 21    | 21   | 21    | 21   | 21   | 21   |
| 30      | 2    | 30   | 20   | 20     | 20   | 20    | 20    | 20   | 20    | 20   | 20   | 20   | 20      | 20   | 20   | 20   | 20     | 20   | 20    | 20    | 20   | 20    | 20   | 20   | 20   |
| 31      | 1    | 29   | 19   | 19     | 19   | 19    | 19    | 19   | 19    | 19   | 19   | 19   | 19      | 19   | 19   | 19   | 19     | 19   | 19    | 19    | 19   | 19    | 19   | 19   | 19   |

The above table applies to ordinary years only. For leap year, one day must be added to each number of days after February 28.

EXAMPLE.—To find the number of days between June 3, 1900, and February 16, 1901: The figures opposite the third day in the first June column are 154; those opposite the sixteenth day in the second February column are 412. Subtract the first from the second product—i. e., 154 from 412, and the result is 258, the number of days between the two dates.

## Time Difference

BETWEEN THE CITY OF NEW YORK AND THE PRINCIPAL FOREIGN CITIES.

|                   | LATER THAN NEW YORK. |                 |        | EARLIER THAN NEW YORK. |        |                    |         |
|-------------------|----------------------|-----------------|--------|------------------------|--------|--------------------|---------|
|                   | H. M.                | H. M.           | H. M.  | H. M.                  | H. M.  | H. M.              |         |
| Antwerp .....     | 5 13.5               | Dublin .....    | 4 30.5 | Pari. de Janeiro ..    | 5 5.2  | Havana .....       | 0 33.5  |
| Berlin .....      | 5 49.5               | Edinburgh ..... | 4 43.2 | Rio de Janeiro .....   | 2 3.2  | Hong Kong .....    | 11 27.4 |
| Bremen .....      | 5 31.0               | Geneva .....    | 5 20.5 | Rome .....             | 5 45.8 | Melbourne .....    | 9 24.2  |
| Brussels .....    | 5 13.4               | Hamburg .....   | 5 35.8 | St. Petersburg .....   | 6 57.1 | Mexico, City of .. | 1 40.5  |
| Buenos Ayres ..   | 1 2.4                | Liverpool ..... | 4 43.6 | Valparaiso .....       | 0 9.3  | Panama .....       | 0 22.2  |
| Calcutta .....    | 10 49.2              | London .....    | 4 53.9 | Vienna .....           | 6 1.2  | Yokohama .....     | 9 45.5  |
| Constantinople .. | 6 51.9               | Madrid .....    | 4 41.1 | Halifax .....          | 0 41.5 |                    |         |

## Bell Time on Shipboard.

| Time, A. M.      | Time, A. M.      | Time, A. M.      | Time, P. M.      | Time, P. M.      | Time, P. M.      |
|------------------|------------------|------------------|------------------|------------------|------------------|
| 1 Bell ... 12.30 | 1 Bell ... 4.30  | 1 Bell ... 8.30  | 1 Bell ... 12.30 | 1 Bell ... 4.30  | 1 Bell ... 8.30  |
| 2 Bells ... 1.00 | 2 Bells ... 5.00 | 2 Bells ... 9.00 | 2 Bells ... 1.00 | 2 Bells ... 5.00 | 2 Bells ... 9.00 |
| 3 " ... 1.30     | " ... 5.30       | " ... 9.30       | " ... 1.30       | " ... 5.30       | " ... 9.30       |
| 4 " ... 2.00     | " ... 6.00       | " ... 10.00      | " ... 2.00       | " ... 6.00       | " ... 10.00      |
| 5 " ... 2.30     | " ... 6.30       | " ... 10.30      | " ... 2.30       | " ... 6.30       | " ... 10.30      |
| 6 " ... 3.00     | " ... 7.00       | " ... 11.00      | " ... 3.00       | " ... 7.00       | " ... 11.00      |
| 7 " ... 3.30     | " ... 7.30       | " ... 11.30      | " ... 3.30       | " ... 7.30       | " ... 11.30      |
| 8 " ... 4.00     | " ... 8.00       | " ... Noon       | " ... 4.00       | " ... 8.00       | " ... Midnight   |

On shipboard, for purpose of discipline and to divide the watch fairly, the crew is mustered in two divisions, the Starboard (right side, looking toward the head) and the Port (left). The day commences at noon, and is thus divided: Afternoon Watch, noon to 4 P. M.; First Dog Watch, 4 P. M. to 6 P. M.; Second Dog Watch, 6 P. M. to 8 P. M.; First Watch, 8 P. M. to Midnight; Middle Watch, 12 A. M. to 4 A. M.; Morning Watch, 4 A. M. to 8 A. M.; Forenoon Watch, 8 A. M. to noon. This makes seven WATCHES, which enables the crew to keep them alternately, as the Watch which comes on duty at noon one day has the afternoon next day, and the men who have only four hours' rest one night have eight hours the next. This is the reason for having Dog Watches, which are made by dividing the hours between 4 P. M. and 8 P. M. into two Watches. Time is kept by means of "Bells," although sometimes there is but one Bell on the ship. — Whitaker.

## Astronomical Phenomena for the Year 1900.

## ASTRONOMICAL SIGNS AND SYMBOLS.

|   |            |   |          |   |                  |
|---|------------|---|----------|---|------------------|
| ☉ | The Sun.   | ♂ | Mars.    | ♁ | Conjunction.     |
| ☾ | The Moon.  | ♃ | Jupiter. | ☽ | Quadrature.      |
| ☿ | Mercury.   | ♄ | Saturn.  | ☽ | Opposition.      |
| ♁ | Venus.     | ♅ | Uranus.  | ☽ | Ascending Node.  |
| ♁ | The Earth. | ♆ | Neptune. | ☽ | Descending Node. |

Two heavenly bodies are in 'conjunction' ( $\odot$ ) when they have the same *Right Ascension*, or are on the same *meridian*, i. e. when one is due *north* or *south* of the other; if the bodies are near each other as seen from the earth, they will rise and set at the same time; they are in 'opposition' ( $\oslash$ ) when in opposite quarters of the heavens, or when one rises just as the other is setting. 'Quadrature' is half way between conjunction and opposition. By 'greatest elongation' is meant the greatest apparent *angular* distance from the sun; the planet is then generally most favorably situated for observation. Mercury can only be seen with the naked eye at this time. When a planet is in its 'ascending' ( $\Omega$ ) or 'descending' ( $\oslash$ ) node it is crossing the plane of the earth's orbit. The term 'Perihelion' means nearest, and 'Aphelion' farthest, from the sun. An 'occultation' of a planet or star is an eclipse of it by some other body usually the moon.

## I—OCCULTATIONS.

During the year 1900 there will be two occultations of Saturn and one of Uranus by the Moon, visible in this country. The dates of immersion and emersion—that is, of beginning and ending—expressed in *local mean time*, are, for the places below, as follows:

## SATURN

| PLACE.            | Immersion. |    |      | Emersion. |      |         | Immersion. |      |         | Emersion. |      |  |
|-------------------|------------|----|------|-----------|------|---------|------------|------|---------|-----------|------|--|
|                   | D.         | H. | M.   | H.        | M.   | D.      | H.         | M.   | D.      | H.        | M.   |  |
| Boston.....       | March 24   | 2  | 4.0  | 3         | 14.7 | July 10 | 11         | 19.0 | July 11 | 12        | 37.0 |  |
| New York.....     | 24         | 1  | 48.2 | 2         | 56.3 | 10      | 11         | 1.6  | 11      | 12        | 21.3 |  |
| Washington.....   | 24         | 1  | 31.0 | 2         | 38.0 | 10      | 10         | 43.0 | 11      | 12        | 5.0  |  |
| Charleston, S. C. | 24         | 1  | 16.4 | 2         | 13.4 | 10      | 10         | 22.8 | 10      | 11        | 48.7 |  |
| Sewanee, Tenn...  | 24         | 12 | 54.0 | 1         | 48.7 | 10      | 9          | 46.5 | 10      | 11        | 11.6 |  |

## URANUS.

| PLACE.          | Immersion. |    |        | Emersion. |      |
|-----------------|------------|----|--------|-----------|------|
|                 | D.         | H. | M.     | H.        | M.   |
| Boston.....     | October 26 | 5  | 51.9   | 7         | 0.9  |
| New York.....   | 26         | 5  | 39.1   | 6         | 49.6 |
| Washington..... | 26         | 5  | 26.0   | 6         | 39.0 |
| Sewanee, Tenn.. | 26         | (4 | 39.8)* | 5         | 58.4 |

\* Before sunset.

The immersion of Uranus occurs during twilight; a small telescope or a good opera-glass will therefore be necessary to obtain a clear view of it.

## II—ECLIPSES.

In the year 1900 there will be three Eclipses; two of the Sun and one of the Moon, as follows:

1. A total Eclipse of the Sun May 28, visible as a partial or total Eclipse throughout the whole of North America except the extreme western part of Alaska, that part of South America north of a line drawn from the Gulf of Guayaquil to Georgetown in British Guiana, the whole of Europe, the northern and central portions of Africa, and the northwestern part of Asia. The path of the total Eclipse begins at 8h. 6m. A. M. Washington mean time in Latitude  $17^{\circ} 50'$  North and Longitude  $116^{\circ} 38'$  West, which point is in the Pacific Ocean southwest of Cape St. Lucas, old California; moving in a northeasterly direction it enters Mexico about midway between Mazatlan and the mouth of the San Pedro River passing almost directly over Gonzales, Mazapil, Potosi, Monterey, and Cadereyta in Mexico; Edinburgh, Tex., and enters the Gulf of Mexico about 40 miles north of Brownsville, Tex.; after traversing the northwest corner of the gulf it passes over Morgan City and New Orleans, La.: Bay St. Louis, Mississippi City Biloxi and Scranton, Miss.; Mobile, Evergreen, Rutledge, and Union Springs, Ala.: Columbus, Thomaston, Barnesville, Monticello, and Greensboro, Ga.; New Market and Chester S. C.; Monroe, Troy Carthage, Osgood, Moncure, Raleigh, Nashville, Lewisburg, Halifax, Jackson, and Winton, N. C.; Suffolk, Princess Anne Portsmouth, Newport News, Norfolk, Virginia Beach, and Capes Henry and Charles, Va. It then enters the Atlantic, still moving in a northeasterly direction until it arrives at or near Latitude  $45^{\circ}$  North, when it gradually changes

ASTRONOMICAL PHENOMENA FOR THE YEAR 1900—Continued.

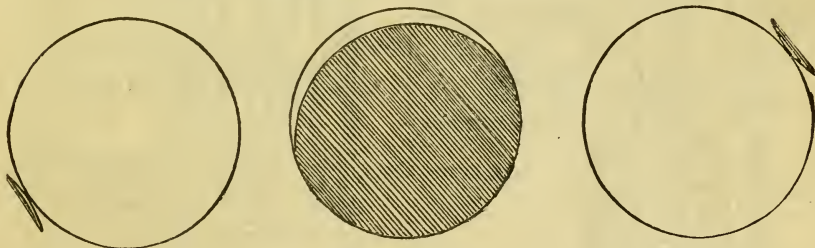
its direction and moves southeasterly, passing directly over the city of Coimbra, in Portugal, a little to the north of Ciudad Real in Spain, and enters the Mediterranean at a point in Latitude  $38^{\circ} 7'$  North and Longitude  $0^{\circ} 40'$  West, near the mouth of the River Segura; after crossing the Mediterranean it passes over the city of Algiers, skirts the coast of Tripoli for  $10^{\circ}$  of Longitude and terminates at sunset in Upper Egypt at 11h. 25m. A. M., Washington mean time, in Latitude  $25^{\circ} 21'$  North and Longitude  $31^{\circ} 37'$  East, having traversed  $148\frac{1}{4}^{\circ}$  of Longitude in 3h. 19m. The entire duration of the Eclipse is 5h. 23m. During the passage of the shadow over the United States it moves at an average rate of 41 miles per minute and its diameter when passing over Norfolk, Va., is about 60 miles.

The dates of beginning and ending of the partial and total phases at the following places in the United States are given below and are expressed in *local mean time* (not standard time):

| PLACE.                  | Eclipse Begins. |   |      | TOTAL ECLIPSE. |        | Eclipse Ends. | ANGLE OF POSITION AT |       |
|-------------------------|-----------------|---|------|----------------|--------|---------------|----------------------|-------|
|                         |                 |   |      | Begins.        | Ends.  |               | Beg'n.               | End.  |
| Boston.....             | May 28          | 8 | 9.6  | No Totality.   |        | H. M.         | 252° 5               | 84° 5 |
| New York.....           | 28              | 7 | 53.1 | "              |        | 10 28.1       | 252° 8               | 83° 1 |
| Chicago.....            | 28              | 6 | 55.6 | "              |        | 9 11.7        | 243° 6               | 91° 5 |
| Cincinnati.....         | 28              | 7 | 3.5  | "              |        | 9 25.7        | 248° 6               | 85° 8 |
| Washington.....         | 28              | 7 | 35.8 | "              |        | 10 6.9        | 252° 9               | 81° 8 |
| Williamsburg, Va.....   | 28              | 7 | 34.8 | "              |        | 10 8.3        | 255° 5               | 78° 8 |
| Richmond, Va.....       | 28              | 7 | 31.1 | "              |        | 10 3.7        | 254° 7               | 79° 5 |
| Charleston, S. C.....   | 28              | 7 | 13.3 | "              |        | 9 43.0        | 259° 2               | 73° 4 |
| New Orleans.....        | 28              | 6 | 26.1 | H. M.          | H. M.  | 8 43.1        | 256° 6               | 75° 6 |
| Mobile.....             | 28              | 6 | 35.5 | 7 29.4         | 7 31.0 | 8 59.7        | 256° 8               | 75° 3 |
| Raleigh.....            | 28              | 7 | 23.6 | 7 40.6         | 7 41.0 | 9 54.9        | 256° 2               | 77° 4 |
| Norfolk, Va.....        | 28              | 7 | 35.8 | 8 33.7         | 8 35.1 | 10 9.9        | 256° 4               | 77° 8 |
| Virginia Beach, Va..... | 28              | 7 | 37.2 | 8 47.4         | 8 48.8 | 10 11.7       | 256° 5               | 77° 7 |
|                         |                 |   |      | 8 48.9         | 8 50.5 |               |                      |       |

The angle of position is estimated from the north point of the Sun's limb toward the East.

The Eclipse as seen from New York.



Last Contact

Greatest Eclipse.

First Contact.

Horizon of New York.

2. A partial Eclipse of the Moon June 12, visible in the United States. The duration of this Eclipse is only 73 minutes, and is therefore barely visible without telescopic aid:

| PLACE.             | Begins. |    |      | Ends. |      |
|--------------------|---------|----|------|-------|------|
|                    | D.      | H. | M.   | H.    | M.   |
| Boston.....        | June 12 | 10 | 40.2 | 10    | 47.5 |
| New York.....      | 12      | 10 | 28.4 | 10    | 35.7 |
| Washington.....    | 12      | 10 | 16.2 | 10    | 23.5 |
| Charleston.....    | 12      | 10 | 4.7  | 10    | 12.0 |
| Chicago.....       | 12      | 9  | 34.0 | 10    | 41.3 |
| Cincinnati.....    | 12      | 9  | 46.4 | 9     | 53.7 |
| St. Louis.....     | 12      | 9  | 23.6 | 9     | 30.9 |
| New Orleans.....   | 12      | 9  | 24.2 | 9     | 31.5 |
| Denver.....        | 12      | 8  | 24.6 | 8     | 31.9 |
| San Francisco..... | 12      | 7  | 14.7 | 7     | 22.0 |

Local Mean Time.

Angle of position at beginning  $176^{\circ}$  East and at end  $190^{\circ}$  East from the north point of Moon's limb. Magnitude of the Eclipse 0.001, the Moon's diameter being regarded as unity.

3. AN ANNULAR ECLIPSE of the Sun November 21-22, invisible in America; visible in Central and Southern Africa, Australia, Borneo, and the Southern Philippine Islands.



**JANUARY 1. NEW YEAR'S DAY:** In all the States (including the District of Columbia) except Massachusetts, Mississippi, and New Hampshire.

**JANUARY 8. ANNIVERSARY OF THE BATTLE OF NEW ORLEANS:** In Louisiana.

**JANUARY 19. LEE'S BIRTHDAY:** In Florida, Georgia, North Carolina, South Carolina, and Virginia.

**FEBRUARY 12. LINCOLN'S BIRTHDAY:** In Connecticut, Illinois, Minnesota, New Jersey, New York, North Dakota, Pennsylvania, and Washington (State).

**FEBRUARY (Third Tuesday). SPRING ELECTION DAY:** In Pennsylvania.

**FEBRUARY 22. WASHINGTON'S BIRTHDAY:** In all the States (including the District of Columbia) except Mississippi.

**FEBRUARY 27, 1900. MARDI-GRAS:** In Alabama and the parish of Orleans, Louisiana.

**MARCH 2. ANNIVERSARY OF TEXAN INDEPENDENCE:** In Texas.

**APRIL 4, 1900. STATE ELECTION DAY:** In Rhode Island.

**APRIL 6. CONFEDERATE MEMORIAL DAY:** In Louisiana.

**APRIL 13, 1900. GOOD FRIDAY:** In Alabama, Louisiana, Maryland, Pennsylvania, Tennessee.

**APRIL 19. PATRIOTS DAY:** In Massachusetts.

**APRIL 21. ANNIVERSARY OF THE BATTLE OF SAN JACINTO:** In Texas.

**APRIL 26. CONFEDERATE MEMORIAL DAY:** In Alabama, Florida, and Georgia.

**MAY 10. CONFEDERATE MEMORIAL DAY:** In North Carolina and South Carolina.

**MAY (Second Friday). CONFEDERATE DAY:** In Tennessee.

**MAY 20. ANNIVERSARY OF THE SIGNING OF THE MECKLENBURG DECLARATION OF INDEPENDENCE:** In North Carolina.

**MAY 30. DECORATION DAY:** In all the States and Territories (and District of Columbia), except Alabama, Arkansas, Florida, Georgia, Idaho, Louisiana, Mississippi, New Mexico, North Carolina, South Carolina, Texas, and Virginia.

**JUNE 3. JEFFERSON DAVIS' BIRTHDAY:** In Florida and Georgia.

**JULY 4. INDEPENDENCE DAY:** In all the States and the District of Columbia.

**JULY 24. PIONEERS' DAY:** In Utah.

**AUGUST 2, 1900. ELECTION DAY:** In North Carolina—for State officers, Legislature, county officers, etc.

**AUGUST 16. BENNINGTON BATTLE DAY:** In Vermont.

**SEPTEMBER 3, 1900. LABOR DAY:** In all the States and Territories (and District of Columbia), except Arizona, Arkansas, Louisiana, Mississippi, Nevada, New Mexico, North Carolina, North Dakota, Oklahoma, and Vermont. Is observed in Wyoming, but is not a legal holiday.

**SEPTEMBER 6, 1900. LABOR DAY:** In North Carolina.

**SEPTEMBER 9. ADMISSION DAY:** In California.

**NOVEMBER 1. ALL SAINTS' DAY:** In Louisiana.

**NOVEMBER — GENERAL ELECTION DAY:** In Arizona, California, Colorado, Idaho, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Minnesota, Missouri, Montana, Nevada, New Hampshire, New Jersey, New York, North Dakota, Ohio, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, West Virginia, Washington, Wisconsin, and Wyoming, in the years when elections are held in these States. In 1900 the date is November 6.

**NOVEMBER 25. LABOR DAY:** In parish of Orleans, Louisiana.

**NOVEMBER — 1900. THANKSGIVING DAY** (either the fourth or last Thursday in November in 1900, as the President may determine): is observed in all the States, and in the District of Columbia, though in some States it is not a statutory holiday.

**DECEMBER 25. CHRISTMAS DAY:** In all the States, and in the District of Columbia.

Sundays and Fast Days are legal holidays in all the States which designate them as such.

There are no statutory holidays in Mississippi and Nevada, but by common consent the Fourth of July, Thanksgiving, and Christmas are observed as holidays in Mississippi. In Kansas Decoration Day, Labor Day, and Washington's Birthday are the only legal holidays by legislative enactment; other legal holidays are so only by common consent. In New Mexico Decoration Day, Labor Day, and Arbor Day are holidays when so designated by the Governor.

ARBOR DAY is a legal holiday in Arizona, Minnesota, North Dakota, Wisconsin, and Wyoming, the day being set by the Governor: in Texas, February 22; in Nebraska, April 22; Montana, May 8; Utah, April 16; Rhode Island, May 11; Florida, first Friday in February; Georgia, first Friday in December; Colorado (school holiday only), third Friday in April; Idaho (school holiday only), first Friday after May 1.

Every Saturday after 12 o'clock noon is a legal holiday in New York, New Jersey, North Carolina, Pennsylvania, Maryland, Tennessee, Virginia, and the city of New Orleans, and in Newcastle County, Del., except in St. George's Hundred; in Louisiana and Missouri in cities of 100,000 or more inhabitants; in Ohio in cities of 50,000 or more inhabitants; and June 1 to August 31 in Denver, Col. In the District of Columbia for all purposes respecting the presentation for payment or acceptance or the protesting of all commercial paper whatsoever. In Connecticut and Maine banks close at 12 noon on Saturdays.

There is no national holiday, not even the Fourth of July. Congress has at various times appointed special holidays. In the second session of the Fifty-third Congress it passed an act making Labor Day a public holiday in the District of Columbia and it has recognized the existence of certain days as holidays, for commercial purposes, but, with the exception named, there is no general statute on the subject. The proclamation of the President designating a day of Thanksgiving only makes it a legal holiday in those States which provide by law for it.

## Old English Holidays.

THESE holidays, with their names, had their origin in mediæval England when the State religion was that of the Church of Rome, and they are still observed generally or in some parts of England, Scotland, and Ireland.

**JANUARY 6. TWELFTH DAY, or Twelfth-tide,** sometimes called Old Christmas Day, the same as Epiphany. The previous evening is Twelfth Night, with which many social rites have long been connected.

**FEBRUARY 2. CANDELMAS:** Festival of the Purification of the Virgin. Consecration of the lighted candles to be used in the church during the year.

**FEBRUARY 14. OLD CANDELMAS:** St. Valentine's Day.

**MARCH 25. LADY DAY:** Annunciation of the Virgin. April 6 is Old Lady Day.

**JUNE 24. MIDSUMMER DAY:** Feast of the Nativity of John the Baptist. July 7 is old Midsommer Day.

**JULY 15. ST. SWITHIN'S DAY.** There was an old superstition that if rain fell on this day it would continue forty days.

**AUGUST 1. LAMMAS DAY** Originally in England the festival of the wheat harvest. In the Church the festival of St. Peter's miraculous deliverance from prison. Old Lammas Day is August 13.

**SEPTEMBER 29. MICHAELMAS:** Feast of St. Michael, the Archangel. Old Michaelmas is October 11.

**NOVEMBER 1. ALLHALLOWMAS:** All-hallows, or All Saints' Day. The previous evening is All-hallow-e'en, observed by home gatherings and old-time festive rites.

**NOVEMBER 2. ALL SOULS' DAY:** Day of prayer for the souls of the dead.

**NOVEMBER 11. MARTINMAS:** Feast of St. Martin. Old Martinmas is November 23.

**DECEMBER 28. CHILDERMAS:** Holy Innocents' Day.

Lady Day, Midsommer Day, Michaelmas, and Christmas are quarter (rent) days in England, and Whitsunday, Martinmas, Candelmas, and Lammas Day in Scotland.

Shrove Tuesday, the day before Ash Wednesday, and Maundy Thursday, the day before Good Friday, are observed by the Church. Mothering Sunday is Mid-Lent Sunday, in which the old rural custom obtains of visiting one's parents and making them presents.

# The Sun's Declination.

WASHINGTON MEAN NOON.

| 1900. | January. |    |    | February. |    |    | March. |    |   | April. |    |    | May. |    |    | June. |    |    |    |    |    |    |    |    |  |
|-------|----------|----|----|-----------|----|----|--------|----|---|--------|----|----|------|----|----|-------|----|----|----|----|----|----|----|----|--|
|       | °        | '  | "  | °         | '  | "  | °      | '  | " | °      | '  | "  | °    | '  | "  | °     | '  | "  |    |    |    |    |    |    |  |
| 1     | 23       | 0  | 20 | S.        | 17 | 3  | 53     | S. | 7 | 33     | 44 | S. | 4    | 33 | 34 | N.    | 15 | 5  | 18 | N. | 22 | 3  | 48 | N. |  |
| 2     | 22       | 55 | 6  |           | 16 | 47 | 37     |    | 7 | 10     | 52 |    | 4    | 56 | 41 |       | 15 | 23 | 19 |    | 22 | 11 | 45 |    |  |
| 3     | 22       | 49 | 25 |           | 16 | 30 | 4      |    | 6 | 47     | 54 |    | 5    | 19 | 42 |       | 15 | 41 | 5  |    | 22 | 19 | 20 |    |  |
| 4     | 22       | 43 | 17 |           | 16 | 12 | 15     |    | 6 | 24     | 51 |    | 5    | 42 | 37 |       | 15 | 58 | 36 |    | 22 | 26 | 31 |    |  |
| 5     | 22       | 36 | 42 |           | 15 | 54 | 8      |    | 6 | 5      | 42 |    | 6    | 5  | 26 |       | 16 | 15 | 50 |    | 22 | 33 | 18 |    |  |
| 6     | 22       | 29 | 40 |           | 15 | 35 | 45     |    | 6 | 5      | 38 | 29 |      | 6  | 28 | 8     |    | 16 | 32 | 48 |    | 22 | 39 | 42 |  |
| 7     | 22       | 22 | 12 |           | 15 | 17 | 17     |    | 5 | 5      | 15 | 11 |      | 6  | 50 | 44    |    | 16 | 49 | 30 |    | 22 | 45 | 42 |  |
| 8     | 22       | 14 | 17 |           | 14 | 58 | 13     |    | 4 | 51     | 49 |    | 7    | 13 | 13 |       | 17 | 5  | 55 |    | 22 | 51 | 18 |    |  |
| 9     | 22       | 5  | 56 |           | 14 | 39 | 3      |    | 4 | 28     | 24 |    | 7    | 35 | 35 |       | 17 | 22 | 2  |    | 22 | 56 | 30 |    |  |
| 10    | 21       | 57 | 9  |           | 14 | 19 | 40     |    | 4 | 4      | 55 |    | 7    | 57 | 48 |       | 17 | 37 | 52 |    | 23 | 1  | 17 |    |  |
| 11    | 21       | 47 | 57 |           | 14 | 0  | 2      |    | 3 | 41     | 23 |    | 8    | 19 | 54 |       | 17 | 53 | 25 |    | 23 | 5  | 41 |    |  |
| 12    | 21       | 38 | 19 |           | 13 | 40 | 10     |    | 3 | 17     | 49 |    | 8    | 41 | 52 |       | 18 | 8  | 40 |    | 23 | 9  | 40 |    |  |
| 13    | 21       | 28 | 16 |           | 13 | 20 | 5      |    | 2 | 54     | 12 |    | 9    | 3  | 40 |       | 18 | 23 | 36 |    | 23 | 13 | 15 |    |  |
| 14    | 21       | 17 | 49 |           | 12 | 59 | 47     |    | 2 | 30     | 34 |    | 9    | 25 | 20 |       | 18 | 38 | 14 |    | 23 | 16 | 25 |    |  |
| 15    | 21       | 6  | 56 |           | 12 | 39 | 16     |    | 2 | 6      | 54 |    | 9    | 46 | 50 |       | 18 | 52 | 33 |    | 23 | 19 | 11 |    |  |
| 16    | 20       | 55 | 40 |           | 12 | 18 | 33     |    | 1 | 43     | 13 |    | 10   | 8  | 10 |       | 19 | 6  | 33 |    | 23 | 21 | 32 |    |  |
| 17    | 20       | 43 | 59 |           | 11 | 57 | 38     |    | 1 | 19     | 31 |    | 10   | 29 | 21 |       | 19 | 20 | 13 |    | 23 | 23 | 28 |    |  |
| 18    | 20       | 31 | 56 |           | 11 | 36 | 32     |    | 0 | 55     | 49 |    | 10   | 50 | 22 |       | 19 | 33 | 34 |    | 23 | 24 | 59 |    |  |
| 19    | 20       | 19 | 28 |           | 11 | 15 | 15     |    | 0 | 32     | 6  |    | 11   | 11 | 11 |       | 19 | 46 | 35 |    | 23 | 26 | 6  |    |  |
| 20    | 20       | 6  | 38 |           | 10 | 53 | 46     |    | 0 | 8      | 24 |    | 11   | 31 | 50 |       | 19 | 59 | 16 |    | 23 | 26 | 48 |    |  |
| 21    | 19       | 53 | 25 |           | 10 | 32 | 8      |    | 0 | 15     | 18 |    | 11   | 52 | 18 |       | 20 | 11 | 37 |    | 23 | 27 | 5  |    |  |
| 22    | 19       | 39 | 50 |           | 10 | 10 | 20     |    | 0 | 38     | 58 |    | 12   | 12 | 34 |       | 20 | 23 | 37 |    | 23 | 26 | 57 |    |  |
| 23    | 19       | 25 | 53 |           | 9  | 48 | 23     |    | 1 | 2      | 38 |    | 12   | 32 | 37 |       | 20 | 35 | 16 |    | 23 | 26 | 21 |    |  |
| 24    | 19       | 11 | 34 |           | 9  | 26 | 16     |    | 1 | 26     | 16 |    | 12   | 52 | 29 |       | 20 | 46 | 34 |    | 23 | 25 | 27 |    |  |
| 25    | 18       | 56 | 54 |           | 9  | 4  | 1      |    | 1 | 49     | 51 |    | 13   | 12 | 8  |       | 20 | 57 | 30 |    | 23 | 24 | 4  |    |  |
| 26    | 18       | 41 | 53 |           | 8  | 41 | 38     |    | 2 | 13     | 25 |    | 13   | 31 | 34 |       | 21 | 8  | 5  |    | 23 | 22 | 17 |    |  |
| 27    | 18       | 26 | 32 |           | 8  | 19 | 7      |    | 2 | 36     | 55 |    | 13   | 50 | 47 |       | 21 | 18 | 18 |    | 23 | 20 | 6  |    |  |
| 28    | 18       | 10 | 50 |           | 7  | 56 | 29     | S. | 3 | 0      | 23 |    | 14   | 9  | 46 |       | 21 | 28 | 9  |    | 23 | 17 | 30 |    |  |
| 29    | 17       | 54 | 49 |           |    |    |        |    | 3 | 23     | 47 |    | 14   | 28 | 31 |       | 21 | 37 | 38 |    | 23 | 14 | 29 |    |  |
| 30    | 17       | 38 | 29 |           |    |    |        |    | 3 | 47     | 7  |    | 14   | 47 | 2  | N.    | 21 | 46 | 44 |    | 23 | 11 | 4  | N. |  |
| 31    | 17       | 21 | 50 | S.        |    |    |        |    | 4 | 10     | 23 | N. |      |    |    |       | 21 | 55 | 27 | N. |    |    |    |    |  |

| 1900. | July. |    |    | August. |    |    | September. |    |   | October. |    |    | November. |    |    | December. |    |    |    |    |    |    |    |    |
|-------|-------|----|----|---------|----|----|------------|----|---|----------|----|----|-----------|----|----|-----------|----|----|----|----|----|----|----|----|
|       | °     | '  | "  | °       | '  | "  | °          | '  | " | °        | '  | "  | °         | '  | "  | °         | '  | "  |    |    |    |    |    |    |
| 1     | 23    | 7  | 14 | N.      | 18 | 1  | 48         | N. | 8 | 17       | 6  | N. | 3         | 11 | 46 | S.        | 14 | 27 | 6  | S. | 21 | 49 | 25 | S. |
| 2     | 23    | 3  | 1  |         | 17 | 46 | 32         |    | 7 | 55       | 15 |    | 3         | 35 | 4  |           | 14 | 46 | 13 |    | 21 | 58 | 31 |    |
| 3     | 22    | 58 | 23 |         | 17 | 31 | 0          |    | 7 | 33       | 17 |    | 3         | 58 | 18 |           | 15 | 5  | 5  |    | 22 | 7  | 11 |    |
| 4     | 22    | 53 | 21 |         | 17 | 15 | 11         |    | 7 | 11       | 11 |    | 4         | 21 | 30 |           | 15 | 23 | 43 |    | 22 | 15 | 26 |    |
| 5     | 22    | 47 | 56 |         | 16 | 59 | 4          |    | 6 | 48       | 59 |    | 4         | 44 | 38 |           | 15 | 42 | 5  |    | 22 | 23 | 16 |    |
| 6     | 22    | 42 | 6  |         | 16 | 42 | 42         |    | 6 | 26       | 40 |    | 5         | 7  | 43 |           | 16 | 0  | 12 |    | 22 | 30 | 39 |    |
| 7     | 22    | 35 | 53 |         | 16 | 26 | 3          |    | 6 | 4        | 14 |    | 5         | 30 | 44 |           | 16 | 18 | 3  |    | 22 | 37 | 35 |    |
| 8     | 22    | 29 | 17 |         | 16 | 9  | 9          |    | 5 | 41       | 43 |    | 5         | 53 | 41 |           | 16 | 35 | 37 |    | 22 | 44 | 5  |    |
| 9     | 22    | 22 | 17 |         | 15 | 51 | 59         |    | 5 | 19       | 5  |    | 6         | 16 | 34 |           | 16 | 52 | 55 |    | 22 | 50 | 9  |    |
| 10    | 22    | 14 | 54 |         | 15 | 34 | 33         |    | 4 | 56       | 23 |    | 6         | 39 | 21 |           | 17 | 9  | 55 |    | 22 | 55 | 45 |    |
| 11    | 22    | 7  | 9  |         | 15 | 16 | 53         |    | 4 | 33       | 35 |    | 7         | 2  | 3  |           | 17 | 26 | 38 |    | 23 | 0  | 54 |    |
| 12    | 21    | 59 | 0  |         | 14 | 58 | 58         |    | 4 | 10       | 42 |    | 7         | 24 | 40 |           | 17 | 43 | 3  |    | 23 | 5  | 36 |    |
| 13    | 21    | 50 | 29 |         | 14 | 40 | 48         |    | 3 | 47       | 45 |    | 7         | 47 | 10 |           | 17 | 59 | 9  |    | 23 | 9  | 50 |    |
| 14    | 21    | 41 | 36 |         | 14 | 22 | 25         |    | 3 | 24       | 44 |    | 8         | 9  | 34 |           | 18 | 14 | 57 |    | 23 | 13 | 36 |    |
| 15    | 21    | 32 | 20 |         | 14 | 3  | 47         |    | 3 | 1        | 38 |    | 8         | 31 | 52 |           | 18 | 30 | 26 |    | 23 | 16 | 55 |    |
| 16    | 21    | 22 | 42 |         | 13 | 44 | 56         |    | 2 | 38       | 30 |    | 8         | 54 | 2  |           | 18 | 45 | 35 |    | 23 | 19 | 46 |    |
| 17    | 21    | 12 | 42 |         | 13 | 25 | 52         |    | 2 | 15       | 18 |    | 9         | 16 | 5  |           | 19 | 0  | 24 |    | 23 | 22 | 9  |    |
| 18    | 21    | 2  | 21 |         | 13 | 6  | 35         |    | 1 | 52       | 3  |    | 9         | 37 | 59 |           | 19 | 14 | 52 |    | 23 | 24 | 3  |    |
| 19    | 20    | 51 | 38 |         | 12 | 47 | 5          |    | 1 | 28       | 46 |    | 9         | 59 | 46 |           | 19 | 29 | 0  |    | 23 | 25 | 30 |    |
| 20    | 20    | 40 | 34 |         | 12 | 27 | 23         |    | 1 | 5        | 26 |    | 10        | 21 | 24 |           | 19 | 42 | 47 |    | 23 | 26 | 28 |    |
| 21    | 20    | 29 | 9  |         | 12 | 7  | 29         |    | 0 | 42       | 5  |    | 10        | 42 | 52 |           | 19 | 56 | 12 |    | 23 | 26 | 58 |    |
| 22    | 20    | 17 | 23 |         | 11 | 47 | 24         |    | 0 | 18       | 42 | N. | 11        | 4  | 11 |           | 20 | 9  | 16 |    | 23 | 27 | 0  |    |
| 23    | 20    | 5  | 17 |         | 11 | 27 | 7          |    | 0 | 4        | 42 | S. | 11        | 25 | 21 |           | 20 | 21 | 57 |    | 23 | 26 | 33 |    |
| 24    | 19    | 52 | 51 |         | 11 | 6  | 39         |    | 0 | 28       | 6  |    | 11        | 46 | 19 |           | 20 | 34 | 15 |    | 23 | 25 | 38 |    |
| 25    | 19    | 40 | 4  |         | 10 | 46 | 1          |    | 0 | 51       | 31 |    | 12        | 7  | 7  |           | 20 | 46 | 11 |    | 23 | 24 | 15 |    |
| 26    | 19    | 26 | 59 |         | 10 | 25 | 12         |    | 1 | 14       | 56 |    | 12        | 27 | 44 |           | 20 | 57 | 43 |    | 23 | 22 | 24 |    |
| 27    | 19    | 13 | 33 |         | 10 | 4  | 14         |    | 1 | 38       | 20 |    | 12        | 48 | 9  |           | 21 | 8  | 52 |    | 23 | 20 | 4  |    |
| 28    | 18    | 59 | 49 |         | 9  | 43 | 6          |    | 2 | 1        | 44 |    | 13        | 8  | 22 |           | 21 | 19 | 37 |    | 23 | 17 | 17 |    |
| 29    | 18    | 45 | 46 |         | 9  | 21 | 49         |    | 2 | 25       | 6  |    | 13        | 28 | 23 |           | 21 | 29 | 57 |    | 23 | 14 | 1  |    |
| 30    | 18    | 31 | 25 |         | 9  | 0  | 23         |    | 2 | 48       | 27 | S. | 13        | 48 | 10 |           | 21 | 39 | 53 | S. | 23 | 10 | 18 |    |
| 31    | 18    | 46 | 45 | N.      | 8  | 38 | 48         | N. |   |          |    |    | 14        | 7  | 45 | S.        |    |    |    |    | 23 | 6  | 7  | S. |

## Astronomical Constants.

The mean obliquity of the ecliptic for the year 1900 is 23° 27' 8".26. Mean annual diminution, 0".46.

The present accepted value of the solar parallax is 8".81 at the earth's mean distance, which is 92,790,000 miles, with a probable error of about 75,000 miles more or less.

The eccentricity of the earth's orbit is 0.016771; we are therefore 3,112,560 miles nearer to the sun at perihelion (January 1) than at aphelion (about July 1).

Length of the sidereal year, 365 days, 6 hours, 9 minutes, 9.6 seconds of mean time.

Length of the tropical year (from equinox to equinox), 365 days, 5 hours, 48 minutes, 46.07 seconds of mean time.

Mean distance from earth to moon, 238,850 miles.

The length of a second's pendulum, that is, one which vibrates once in a second, in vacuo,

ASTRONOMICAL CONSTANTS—Continued.

at any place whose latitude is  $l$ , is  $39.01254 + 0.20827 \sin^2 l$  inches. At New York it is 39.1013 inches.

The acceleration of gravity in one second of mean solar time is  $32.086528 + 0.171293 \sin^2 l$  feet. The half of this is the distance through which a body falls (in a vacuum) in one second.

The velocity of light is 186,330 miles per second. Light requires 8 minutes and 18 seconds to pass from the sun to the earth when at its mean distance, as given above; therefore, when we look at the sun we see him not where he actually is, but where he was about 8 minutes and 18 seconds ago; his true place is then always in advance of his apparent place.

Pole Star.

MEAN TIME OF TRANSIT (AT NEW YORK) AND POLAR DISTANCE OF POLE STAR.

| 1900<br>Day of Month. | JANUARY.          |                 | FEBRUARY.         |                 | MARCH.            |                 | APRIL.            |                 | MAY.              |                 | JUNE.             |                 |
|-----------------------|-------------------|-----------------|-------------------|-----------------|-------------------|-----------------|-------------------|-----------------|-------------------|-----------------|-------------------|-----------------|
|                       | Upper Transit.    | Polar Distance. | Lower Transit.    | Polar Distance. | Lower Transit.    | Polar Distance. | Lower Transit.    | Polar Distance. | Lower Transit.    | Polar Distance. | Lower Transit.    | Polar Distance. |
|                       | P. M.<br>H. M. S. | O / / /         | A. M.<br>H. M. S. | O / / /         | A. M.<br>H. M. S. | O / / /         | A. M.<br>H. M. S. | O / / /         | P. M.<br>H. M. S. | O / / /         | P. M.<br>H. M. S. | O / / /         |
| 1                     | 6 28 34           | 1 13 8          | 4 37 57           | 1 13 7          | 2 47 28           | 1 13 19         | 12 45 24          | 1 13 21         | 10 43 37          | 1 13 30         | 8 42 4            | 1 13 37         |
| 11                    | 6 58 54           | 1 13 7          | 3 58 29           | 1 13 8          | 2 8 4             | 1 13 14         | 12 6 4            | 1 13 24         | 10 4 22           | 1 13 33         | 8 2 54            | 1 13 38         |
| 21                    | 5 19 25           | 1 13 7          | 3 19 1            | 1 13 10         | 1 28 41           | 1 13 17         | 11 22 53 P.M.     | 1 13 27         | 9 25 10           | 1 13 35         | 7 23 45           | 1 13 39         |

| 1900<br>Day of Month. | JULY.             |                 | AUGUST.           |                 | SEPTEMBER.        |                 | OCTOBER.          |                 | NOVEMBER.         |                 | DECEMBER.         |                 |
|-----------------------|-------------------|-----------------|-------------------|-----------------|-------------------|-----------------|-------------------|-----------------|-------------------|-----------------|-------------------|-----------------|
|                       | Lower Transit.    | Polar Distance. | Upper Transit.    | Polar Distance. | Upper Transit.    | Polar Distance. | Upper Transit.    | Polar Distance. | Upper Transit.    | Polar Distance. | Upper Transit.    | Polar Distance. |
|                       | P. M.<br>H. M. S. | O / / /         | A. M.<br>H. M. S. | O / / /         | A. M.<br>H. M. S. | O / / /         | A. M.<br>H. M. S. | O / / /         | P. M.<br>H. M. S. | O / / /         | P. M.<br>H. M. S. | O / / /         |
| 1                     | 6 44 37           | 1 13 39         | 4 45 14           | 1 13 36         | 2 43 47           | 1 13 29         | 12 46 7           | 1 13 18         | 10 40 20          | 1 13 7          | 8 42 11           | 1 12 57         |
| 11                    | 6 5 28            | 1 13 39         | 4 6 4             | 1 13 34         | 2 4 35            | 1 13 26         | 12 6 50           | 1 13 15         | 10 6 59           | 1 13 3          | 8 2 45            | 1 12 54         |
| 21                    | 5 26 19           | 1 13 38         | 3 26 54           | 1 13 32         | 1 25 21           | 1 13 22         | 11 23 36 P.M.     | 1 13 11         | 9 21 36           | 1 13 0          | 7 23 18           | 1 12 52         |

From June 16 to August 1 both the upper and lower transits take place during daylight. The azimuth at the time of greatest eastern or western elongation can be easily computed from the formula:

$$\sin A = \frac{\sin p}{\cos l}$$

where  $A$  denotes the azimuth,  $p$  the polar distance, and  $l$  the latitude of the place.

DATE OF GREATEST ELONGATION.

To find the time of greatest eastern or western elongation, let  $H$  denote the hour angle, and  $l$  and  $p$  as before, then we shall have

$$\cos H = \tan p \tan l.$$

And the hour angle in mean time is

$$H_m = H^o \times 0.0664846.$$

This quantity,  $H_m$ , added to or subtracted from the time of transit given above, according to the elongation required, will give the mean time of the greatest elongation at any place whose north latitude is  $l$ .

Star Table.

FOR IDENTIFYING THE PRINCIPAL FIXED STARS.

| NAME OF STAR.                        | Declination | On Meridian. |           | NAME OF STAR.                   | Declination | On Meridian. |           |
|--------------------------------------|-------------|--------------|-----------|---------------------------------|-------------|--------------|-----------|
|                                      |             | Upper.       | Lower.    |                                 |             | Upper.       | Lower.    |
|                                      |             | H. M.        | H. M.     |                                 |             | H. M.        | H. M.     |
| $\alpha$ Andromedæ.....              | N 28 31     | + 1 18.0     | + 10 40.0 | $\alpha$ Leonis (Regulus).....  | N 12 23     | + 8 40.1     | + 20 38.1 |
| $\gamma$ Pegasi (Algenib).....       | N 14 37     | - 1 13.2     | + 10 44.8 | $\alpha$ Virginis (Spica).....  | S 10 37     | + 11 56.5    | + 23 54.5 |
| $\alpha$ Cassiopeiæ.....             | N 55 58     | - 0 42.2     | + 11 15.8 | $\alpha$ Bootis (Arcturus)..... | N 19 43     | + 12 47.5    | + 0 45.5  |
| $\alpha$ Arctis.....                 | N 22 59     | + 0 40.0     | + 12 38.0 | $\beta$ Ursæ Minoris.....       | N 74 25     | + 13 27.5    | + 1 25.5  |
| $\beta$ Persei (Algol).....          | N 40 34     | + 1 39.9     | + 13 37.9 | $\alpha$ Coronæ Borealis.....   | N 27 4      | + 13 49.7    | + 1 47.7  |
| $\alpha$ Tauri (Aldebaran).....      | N 16 18     | + 3 8.2      | + 15 6.2  | $\alpha$ Scorpii (Antares)..... | S 26 12     | + 14 59.3    | + 2 57.3  |
| $\alpha$ Arigæ (Capella).....        | N 45 54     | + 3 47.1     | + 15 45.1 | $\alpha$ Lyræ (Vega).....       | N 38 41     | + 17 9.3     | + 5 7.3   |
| $\beta$ Orionis (Rigel).....         | S 8 19      | + 3 47.6     | + 15 45.6 | $\alpha$ Aquilæ (Altair).....   | N 8 36      | + 18 21.4    | + 6 19.4  |
| $\alpha$ Orionis (Betelgeuse).....   | N 7 23      | + 4 27.6     | + 16 25.6 | $\alpha$ Cygni (Deneb).....     | N 44 55     | + 19 13.5    | + 7 11.5  |
| $\alpha$ Canis Majoris (Sirius)..... | S 16 35     | + 5 13.4     | + 17 16.4 | $\alpha$ Cephei.....            | N 62 9      | + 19 51.5    | + 7 49.5  |
| $\alpha$ Geminorum (Castor).....     | N 32 7      | + 6 5.7      | + 18 3.7  | $\alpha$ Aquarii.....           | S 0 49      | + 20 35.8    | + 8 33.8  |
| $\beta$ Geminorum (Pollux).....      | N 28 16     | + 6 16.6     | + 18 14.6 | $\alpha$ Piscis Aus.....        | S 30 10     | + 21 27.1    | + 9 25.1  |
| $\alpha$ Canis Minor.....            | N 5 29      | + 6 11.6     | + 18 9.6  | $\alpha$ Pegasi (Markab).....   | N 14 39     | + 21 34.7    | + 9 32.7  |

To find the time of the star's transit add or subtract, according to the sign, the numbers in the second column of figures to the date of the transit of the pole star given above. Thus, for  $\alpha$  Andromedæ February 1. Lower Transit of Polar Star is 4 h. 37.9 m. A. M., to which add 10 h. 40 m. and we have 3 h. 17.9 m. P. M.; for December 1, we find 7 h. 22.2 m. P. M., etc.

## The Fixed Stars.

SPECTROSCOPIC and other observations show the fixed stars to be self-luminous bodies—suns or other systems of planets. An analysis of their light indicates the presence of the same chemical elements that exist in our own sun and the earth, together with others unknown in our solar system.

Owing to their prodigious distance from us, they present no appreciable disc when viewed through the most powerful telescopes. So far as we know, Alpha Centauri—a brilliant star of the Southern Hemisphere—is our nearest neighbor, yet its distance is so great that light which travels 186,330 miles per second requires about  $3\frac{1}{2}$  years to reach us. This distance is approximately 224,000 times the radius of the earth's orbit, or about 20,720,000,000 miles, and yet this is a mere trifle compared with the distance which intervenes between us and other stars whose parallax has been approximately determined.

Thus, light requires 21 $\frac{1}{4}$  years to come from Sirius, 25 $\frac{1}{4}$  years from Arcturus, 48.3 years from Polaris, while the time required from the telescopic stars is immensely greater. An English astronomer, Halley, in 1718, was the first to discover that the so-called fixed stars have a *proper motion* of their own, which displaces them slightly with reference to each other. This motion is very small—a fraction of a second in a year on an average. About 150 stars have a motion of one second annually. The largest proper motion known is that of 1830 Groombridge, of the seventh magnitude, and sometimes called the "runaway" star; it has an annual drift of seven seconds, sufficient to enable it to complete the circuit of the heavens in 185,000 years.

The star 61 Cygni (sixth magnitude) has an annual proper motion of 5 $''$ .2; Alpha Centauri, 3 $''$ .7; Arcturus, 2 $''$ .1, and Sirius, 1 $''$ .1.

Since the time of Ptolemy, Arcturus has moved more than a degree, and Sirius about half that amount. The direction of motion is in general different for each star, but the angular observed "proper motion" can furnish but little information of what the real or linear motion through space is. Arcturus is rushing toward us at the rate of nearly sixty miles per second and Sirius receding from us at the rate of nineteen miles per second, and similar results are found for many other stars; thus, of the seven bright stars forming the "Great Dipper" in Ursa Major, the one nearest the pole is approaching, while the remainder are rapidly receding from us.

### REMARKABLE STARS.

Many stars have disappeared, or have ceased to emit light enough to render them visible. Thus, the 55th of Hercules was observed by Herschell in 1781 to be of a ruby red color, but in 1791 it disappeared and has not been seen since.

Changes in the brightness of certain stars have been observed in a dozen or more; thus, in the time of Eratosthenes, the star in the claw of the Scorpion (now known as Beta Libri) was the brightest in the constellation, but at the present time it is a whole magnitude below Antares, which ranks as a first magnitude star. The two stars Castor and Pollux, in the constellation Gemini, were catalogued by Beyer as Alpha and Beta respectively, the former being the brighter, but now the latter is notably the brighter of the two.

Another conspicuous example is Eta Argus (not visible in this country); it varies from the first to the seventh magnitude. In 1543 it was nearly as bright as Sirius, but at present it is of the seventh magnitude, scarcely visible to the naked eye. This star is situated in the midst of a nebula which, probably in some unknown manner, influences its brightness. Alpha Orionis and Alpha Cassiopeiae also show variations of brightness, but in a far less degree. In 1866, May 10-12, a star in the constellation Northern Crown blazed out as of the second magnitude, remained so for some four or five days, and then during five or six weeks gradually faded away to its original brightness, for it was before the outburst, and is now, only a ninth or tenth magnitude star, not visible without telescopic aid. During its maximum brightness its spectrum exhibited the bright lines of hydrogen—like our own sun. Some mighty conflagration of incandescent hydrogen was evidently going on on its surface. In 1876 a similar phenomenon appeared in the constellation Cygnus. In this instance the star attained the second magnitude, at which it remained for a few days, and then gradually faded away to the fifteenth magnitude.

The last temporary star was very peculiar; it suddenly appeared in the great nebula of Andromeda in the year 1885. It never rose above the fifth magnitude, but in six months it absolutely disappeared; no trace of it can now be found.

### VARIABLE STARS.

The most notable of this class of stars is Mira Stella, or the wonderful star in the constellation Cetus, or the Whale. It has been known since 1596, is a faint twelfth magnitude star, but once every eleven months it runs up to the third or second magnitude, and then back again, occupying about 100 days in its rise and fall. The star Algol, or Beta Persei, is another conspicuous example. Its period of variation is 2 days 20 hours 48.9 minutes. During most of the time the star remains of the second magnitude; it falls to the fourth magnitude in about 4 $\frac{1}{2}$  hours; remains at its minimum brightness for about 20 minutes, and then in 3 $\frac{1}{2}$  hours returns to its original condition.

No satisfactory explanation has yet been found to account for these stellar phenomena. In the case of Algol, however, it evidently appears to suffer a partial eclipse by the interposition of a huge dark companion revolving around it. If such is the case, the mass of Algol must be absolutely prodigious compared with our sun in order to cause so rapid a revolution of the attendant dark body.

### DOUBLE AND MULTIPLE STARS.

Many stars which appear single to the naked eye are found to be double when viewed through a telescope of even moderate power. About 10,000 such couples are known, and the number is increasing. In a few instances three or four such stars are found so close together that they appear to the unaided eye as a single star. Of the most familiar doubles we may mention Castor, Zeta Ursae Majoris, or the star in the middle of the handle of the Great Dipper; Gamma Virginis, Beta Cygni, and Alpha Herculis, and, as examples of multiple stars, Theta Orionis (the trapezium of Orion), Zeta Concri, and Epsilon Lyrae.

Two stars may, and many of them do, lie on or nearly the same straight line from the earth, and thus appear as one star. Such stars are called "optically double," but no real connection exists between them.

Stars which are very near each other and come under the influence of their mutual attraction are called "Binary Stars." In such cases the stars revolve around their common centre of gravity, but, as is frequently the case, one of the stars is comparatively very small, and may be regarded as revolving around the larger one. Among the notable binary stars whose periods have been determined may be mentioned Sirius, Alpha Geminorum (Castor), Alpha Centauri, 61 Cygni, Zeta Ursae Majoris, Polaris, and probably Procyon. The first five have periods of 44, 997 (?), 77, 450 (?), and 61 years



respectively. The companion of Procyon has not yet been discovered, but there is no doubt of its existence, because the position of Procyon is disturbed by some attracting body to such a degree that it must be taken into account in computing the position of the star as given in the nautical almanacs.

Of the multiple stars we have space only to mention three. Zeta Concri, the two large stars of which revolve around their common centre of gravity in nearly circular orbits less than 2'' in diameter and in a period of about sixty years, while the third star, very small and more distant, revolves around the closed pair in an orbit not yet well determined. In the case of Epsilon Lyrae, we have two pairs physically connected and revolving around their common centre of gravity in a period of thousands of years. In Theta Orionis we have another group, not in pairs, but at nearly equal distance from each other and forming a very complicated system.

STAR CLUSTERS.

There are also many groups of stars, called clusters, containing from a hundred to many thousand stars; some of these are well known and visible to the naked eye, as the Pleiades and Hyades; some require telescopic aid to resolve them into stars, as Praesepe in Cancer and the cluster in the sword handle of Perseus, while others appear as faint white patches and are resolved into stars by the most powerful telescopes. The galaxy or Milky Way is an enormous cluster encircling the heavens and composed of stars from the tenth magnitude down. Scattered also apparently at random throughout the illimitable regions of space are great numbers of faintly shining bodies of prodigious magnitude and known as "nebulae." Some 12,000 of these have been already catalogued.

Two or three are visible to the naked eye, for instance, the nebula in the girdle of Andromeda, in which the temporary star of 1885 appeared; the great nebula in Orion, which in its great variety of details far surpasses all others. No telescope has or ever will resolve these into stars, for the reason that they are not composed of stars. The spectroscope informs us that they are for the most part incandescent gaseous bodies, in which the work of creation of stars (suns) and planetary systems is doubtless going on.

Large Telescopes.

WITH the view of solving the problems of sidereal astronomy, several gigantic telescopes are in course of construction. The largest ever made is now being erected in Paris, France, for the exhibition of 1900. It has two object glasses, each 4 feet in diameter and each weighing 1,600 pounds, one for visual observations and the other for photographic work. The tube is nearly 200 feet long and made of steel about 1-10th of an inch in thickness and weighs 21 tons; its diameter in the largest part is 59 inches, and is composed of 24 separate pieces screwed together.

It would be practically impossible to mount this monster instrument in the ordinary way, owing to its great weight and the consequent instability and flexure to which it would be subject, not to mention the huge dome which would be required to protect it. The tube is therefore placed in a horizontal position, ranging north and south, and resting on eight cast-iron pillars supported on masonry. In order to obviate the effects of expansion by heat, the supports can slide on a system of rails attached to the piers. In front of the mirror is a large plane mirror or siderostat, so mounted that when moved by clock mechanism it will reflect into the telescope the rays falling upon it from a celestial body. The observer is thus enabled to view the object at his ease.

The siderostat weighs 6½ tons; the diameter of the great mirror is 78 inches. Assuming the lenses to be correctly figured, this telescope will, in light-grasping power, exceed the great Yerkes telescope in the ratio of 36 to 25, and the Lick in the ratio of 16 to 9, but owing to the loss of light by reflection from the siderostat these ratios will be considerably reduced. The instrument will doubtless render good service in astronomical photography, in resolving very close double stars, and in other delicate problems of observational astronomy.

Another monster telescope is in course of construction for the new Allegheny Observatory. The object glass is to be 32 inches in diameter, and to be ground and figured by Mr. Brashear, of Pittsburgh, Pa.

Other large telescopes, already mounted, are as below:

|                             |                          |                     |
|-----------------------------|--------------------------|---------------------|
| Yerkes Observatory.....     | William's Bay, Wis.....  | 40 inches aperture. |
| Lick ".....                 | Mt. Hamilton, Col.....   | 36 " "              |
| Imperial ".....             | Pulkova, Russia.....     | 30 " "              |
| Naval ".....                | Washington, D. C.....    | 26 " "              |
| University of Virginia..... | Charlottesville, Va..... | 26 " "              |
| University of Vienna.....   | Vienna, Austria.....     | 26 " "              |
| Greenwich Observatory.....  | Greenwich, England.....  | 26 " "              |
| Halsted ".....              | Princeton, N. J.....     | 23 " "              |

The list of those from 18 to 6 inches aperture is now too numerous to tabulate.

The Ancient Hour.

THE early Egyptians divided the day and night each into twelve hours, a custom adopted by the Jews or Greeks probably from the Babylonians. The day is said to have first been divided into hours from B. C. 293, when a sun-dial was erected in the temple of Quirinus, at Rome. Previous to the invention of water-clocks, B. C. 158, the time was called at Rome by public criers. In early England one expedient for measuring time was by wax candles, three inches burning an hour. The first perfect mechanical clock was not made until about A. D. 1250. Day began at sunrise among most of the Northern nations, at sunset among the Athenians and Jews, at midnight among the Romans, as with us.

The Earth's Atmosphere.

THE earth's sensible atmosphere is generally supposed to extend some forty miles in height, probably farther, but becoming at only a few miles from the surface of too great a tenuity to support life. The condition and motions of this aerial ocean play a most important part in the determination of climate, modifying, by absorbing, the otherwise intense heat of the sun, and, when laden with clouds, hindering the earth from radiating its acquired heat into space. The amount of heat absorbed in its passage through the atmosphere will depend upon the thickness of the stratum which the rays have to penetrate, and this on the meridian altitude of the sun. — *Whittaker.*

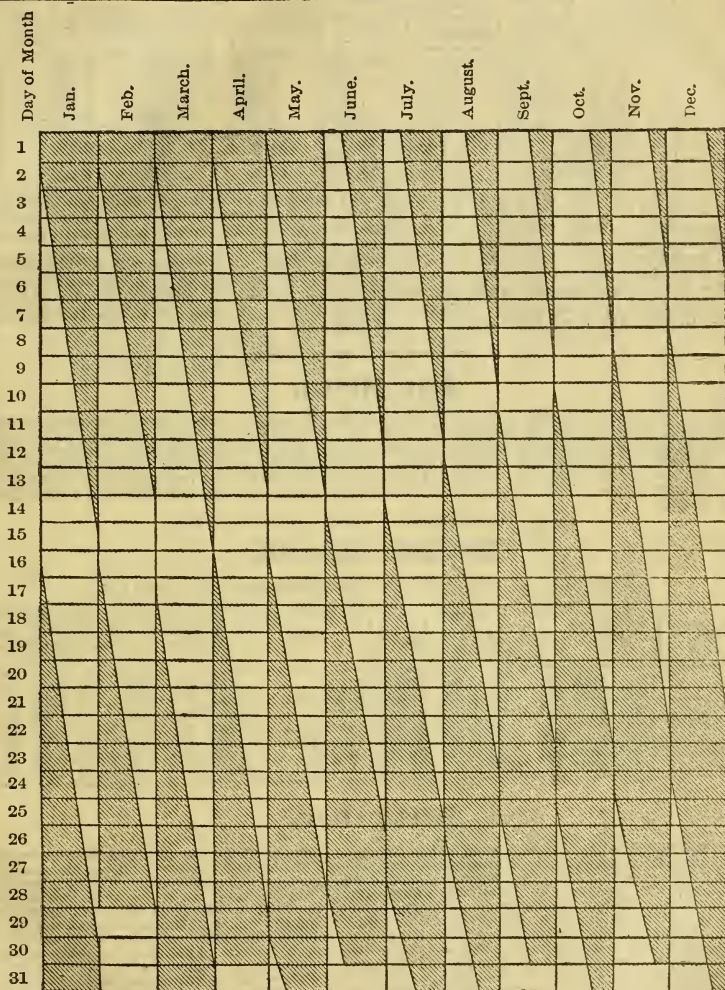
The Twentieth Century.

THE first century began with the first day of the year 1 and ended with the last day of the year 100. It could not end with the last day of the year 99, for 100, not 99, years make a century. The Nineteenth Century, therefore, ends at midnight on December 31, 1900, and the Twentieth Century then begins.

## The Moon's Phases, 1900.

| 1900.      | Phase.         | Day. | BOSTON.     | NEW YORK.   | WASHINGTON.   | CHARLESTON.   | CHICAGO.       |
|------------|----------------|------|-------------|-------------|---------------|---------------|----------------|
| January.   | New Moon.      | 1    | H. M.       | H. M.       | H. M.         | H. M.         | H. M.          |
|            | First Quarter. | 8    | 9 8 A. M.   | 8 56 A. M.  | 8 44 A. M.    | 8 32 A. M.    | d 8 1 A. M.    |
|            | Full Moon.     | 15   | 12 56 A. M. | 12 44 A. M. | 12 32 A. M.   | 12 20 A. M.   | 7 11 49 P. M.  |
|            | Last Quarter.  | 23   | 2 23 P. M.  | 2 11 P. M.  | 1 59 P. M.    | 1 48 P. M.    | 1 17 P. M.     |
|            | New Moon.      | 30   | 7 9 P. M.   | 6 57 P. M.  | 6 45 P. M.    | 6 33 P. M.    | 6 2 P. M.      |
| February.  | New Moon.      | 30   | 8 38 P. M.  | 8 27 P. M.  | 8 14 P. M.    | 8 3 P. M.     | 7 32 P. M.     |
|            | First Quarter. | 6    | 11 39 A. M. | 11 27 A. M. | 11 15 A. M.   | 11 4 A. M.    | 10 33 A. M.    |
|            | Full Moon.     | 14   | 9 6 A. M.   | 8 54 A. M.  | 8 42 A. M.    | 8 31 A. M.    | 8 0 A. M.      |
| March.     | Last Quarter.  | 22   | 12 0 P. M.  | 11 48 A. M. | 11 36 A. M.   | 11 25 A. M.   | 10 54 A. M.    |
|            | New Moon.      | 1    | 6 41 A. M.  | 6 29 A. M.  | 6 17 A. M.    | 6 6 A. M.     | d 5 35 A. M.   |
|            | First Quarter. | 8    | 12 50 A. M. | 12 38 A. M. | 12 26 A. M.   | 12 15 A. M.   | 7 11 44 P. M.  |
|            | Full Moon.     | 16   | 3 28 A. M.  | 3 16 A. M.  | 3 4 A. M.     | 2 52 A. M.    | 2 21 A. M.     |
| April.     | Last Quarter.  | 24   | 12 52 A. M. | 12 40 A. M. | 12 28 A. M.   | 12 17 A. M.   | 23 11 46 P. M. |
|            | New Moon.      | 30   | 3 46 P. M.  | 3 34 P. M.  | 3 22 P. M.    | 3 11 P. M.    | 2 40 P. M.     |
|            | First Quarter. | 6    | 4 11 P. M.  | 3 59 P. M.  | 3 47 P. M.    | 3 35 P. M.    | 3 4 P. M.      |
|            | Full Moon.     | 14   | 8 18 P. M.  | 8 6 P. M.   | 7 54 P. M.    | 7 43 P. M.    | 7 12 P. M.     |
| May.       | Last Quarter.  | 22   | 9 49 A. M.  | 9 37 A. M.  | 9 25 A. M.    | 9 14 A. M.    | d 8 43 A. M.   |
|            | New Moon.      | 29   | 12 39 A. M. | 12 27 A. M. | 12 15 A. M.   | 12 4 A. M.    | 28 11 33 P. M. |
|            | First Quarter. | 6    | 8 55 A. M.  | 8 43 A. M.  | 8 31 A. M.    | 8 20 A. M.    | 7 49 A. M.     |
|            | Full Moon.     | 14   | 10 52 A. M. | 10 40 A. M. | 10 28 A. M.   | 10 17 A. M.   | 9 46 A. M.     |
| June.      | Last Quarter.  | 21   | 3 47 P. M.  | 3 35 P. M.  | 3 23 P. M.    | 3 11 P. M.    | 2 40 P. M.     |
|            | New Moon.      | 28   | 10 6 A. M.  | 9 54 A. M.  | 9 42 A. M.    | 9 30 A. M.    | 8 59 A. M.     |
|            | First Quarter. | 5    | 2 15 A. M.  | 2 3 A. M.   | 1 51 A. M.    | 1 39 A. M.    | 1 8 A. M.      |
|            | Full Moon.     | 12   | 10 54 P. M. | 10 43 P. M. | 10 30 P. M.   | 10 19 P. M.   | 9 48 P. M.     |
| July.      | Last Quarter.  | 19   | 8 13 P. M.  | 8 1 P. M.   | 7 49 P. M.    | 7 38 P. M.    | 7 7 P. M.      |
|            | New Moon.      | 26   | 8 43 P. M.  | 8 31 P. M.  | 8 19 P. M.    | 8 8 P. M.     | 7 37 P. M.     |
|            | First Quarter. | 4    | 7 29 P. M.  | 7 18 P. M.  | 7 5 P. M.     | 6 54 P. M.    | 6 23 P. M.     |
|            | Full Moon.     | 12   | 8 38 A. M.  | 8 26 A. M.  | 8 14 A. M.    | 8 2 A. M.     | d 7 31 A. M.   |
| August.    | Last Quarter.  | 19   | 12 47 A. M. | 12 35 A. M. | 12 23 A. M.   | 12 12 A. M.   | 18 11 41 P. M. |
|            | New Moon.      | 26   | 8 59 A. M.  | 8 47 A. M.  | 8 35 A. M.    | 8 23 A. M.    | 7 52 A. M.     |
|            | First Quarter. | 3    | 12 1 P. M.  | 11 49 A. M. | 11 37 A. M.   | 11 26 A. M.   | 10 55 A. M.    |
|            | Full Moon.     | 10   | 4 46 P. M.  | 4 34 P. M.  | 4 22 P. M.    | 4 10 P. M.    | 3 40 P. M.     |
| September. | Last Quarter.  | 17   | 7 2 A. M.   | 6 50 A. M.  | 6 38 A. M.    | 6 27 A. M.    | 5 56 A. M.     |
|            | New Moon.      | 24   | 11 8 P. M.  | 10 57 P. M. | 10 44 P. M.   | 10 33 P. M.   | 10 2 P. M.     |
|            | First Quarter. | 2    | 3 12 A. M.  | 3 0 A. M.   | d 2 48 A. M.  | d 2 36 A. M.  | d 2 5 A. M.    |
|            | Full Moon.     | 9    | 12 22 A. M. | 12 10 A. M. | 8 11 58 P. M. | 8 11 47 P. M. | 8 11 16 P. M.  |
| October.   | Last Quarter.  | 15   | 4 13 P. M.  | 4 1 P. M.   | 3 49 P. M.    | 3 38 P. M.    | 3 7 P. M.      |
|            | New Moon.      | 23   | 9 13 P. M.  | 8 31 P. M.  | 2 49 P. M.    | 2 38 P. M.    | 2 7 P. M.      |
|            | First Quarter. | 1    | 4 26 P. M.  | 4 15 P. M.  | 4 2 P. M.     | 3 51 P. M.    | 3 20 P. M.     |
|            | Full Moon.     | 8    | 8 34 A. M.  | 8 22 A. M.  | 8 10 A. M.    | 7 59 A. M.    | 7 28 A. M.     |
| November.  | Last Quarter.  | 15   | 5 7 A. M.   | 4 55 A. M.  | 4 43 A. M.    | 4 31 A. M.    | 4 0 A. M.      |
|            | New Moon.      | 23   | 8 43 A. M.  | 8 31 A. M.  | 8 19 A. M.    | 8 8 A. M.     | 7 37 A. M.     |
|            | First Quarter. | 31   | 3 33 A. M.  | 3 21 A. M.  | 3 9 A. M.     | 2 58 A. M.    | 2 27 A. M.     |
|            | Full Moon.     | 6    | 6 16 P. M.  | 6 4 P. M.   | 5 52 P. M.    | 5 40 P. M.    | 5 9 P. M.      |
| December.  | Last Quarter.  | 13   | 9 53 P. M.  | 9 41 P. M.  | 9 29 P. M.    | 9 18 P. M.    | 9 47 P. M.     |
|            | New Moon.      | 22   | 2 33 A. M.  | 2 21 A. M.  | 2 9 A. M.     | 1 58 A. M.    | 1 27 A. M.     |
|            | First Quarter. | 29   | 12 51 P. M. | 12 39 P. M. | 12 27 P. M.   | 12 16 P. M.   | 11 45 A. M.    |
|            | Full Moon.     | 6    | 5 54 A. M.  | 5 42 A. M.  | 5 30 A. M.    | 5 19 A. M.    | 4 48 A. M.     |
| December.  | Last Quarter.  | 13   | 5 58 P. M.  | 5 46 P. M.  | 5 34 P. M.    | 5 23 P. M.    | 4 52 P. M.     |
|            | New Moon.      | 21   | 7 17 P. M.  | 7 5 P. M.   | 6 53 P. M.    | 6 42 P. M.    | 6 11 P. M.     |
|            | First Quarter. | 28   | 9 4 P. M.   | 8 52 P. M.  | 8 40 P. M.    | 8 29 P. M.    | 7 58 P. M.     |

## Moonlight Chart, 1900.



EXPLANATION. —The white spaces indicate the amount of moonlight *each night*. Thus, January 8, February 7, etc., the moon sets at or near midnight, when the former half only of the night has moonlight; January 15, February 14, etc., the time of full moon, when for two or three nights in succession moonlight lasts all night; January 22, February 21, etc., when the moon rises at or near midnight and the latter half of the night has moonlight, and January 30, March 1, etc., the time of new moon, when for two or three nights in succession there is no moonlight.

## Principal Elements of the Solar System.

| NAME.        | Mean Distance from Sun, Millions of Miles. | Sidereal Period, Days. | Orbit Velocity, Miles per Second. | Mean Diameter, Miles. | Mass, Earth =1. | Volume, Earth =1. | Density, Earth =1. | Gravity at Surface, Earth =1. |
|--------------|--|------------------------|-----------------------------------|-----------------------|-----------------|-------------------|--------------------|-------------------------------|
| Sun .....    | .....                                      | .....                  | .....                             | 866,400               | 331100          | 1310000           | 0.25               | 27.65                         |
| Mercury..... | 36.0                                       | 87.969                 | 23 to 35                          | 3,030                 | 0.125           | 0.056             | 2.23               | 0.85                          |
| Venus .....  | 67.2                                       | 224.701                | 21.9                              | 7,700                 | 0.78            | 0.92              | 0.86               | 0.83                          |
| Earth .....  | 92.8                                       | 365.256                | 18.5                              | 7,918                 | 1.00            | 1.00              | 1.00               | 1.00                          |
| Mars.....    | 141.5                                      | 686.950                | 15.0                              | 4,230                 | 0.107           | 0.152             | 0.72               | 0.38                          |
| Jupiter..... | 483.3                                      | 4332.58                | 8.1                               | 86,500                | 316.0           | 1309              | 0.24               | 2.65                          |
| Saturn ..... | 886.0                                      | 10759.22               | 6.0                               | 71,000                | 94.9            | 721               | 0.13               | 1.18                          |
| Uranus ..... | 1781.9                                     | 30686.82               | 4.2                               | 31,900                | 14.7            | 65                | 0.22               | 0.91                          |
| Neptune..... | 2791.6                                     | 60181.11               | 3.4                               | 34,800                | 17.1            | 85                | 0.20               | 0.88                          |

The number of asteroids discovered up to present date is about 430. A number of these small planets have not been observed since their discovery, and are practically lost. Consequently it is now sometimes a matter of doubt, until the elements have been computed, whether the supposed new planet is really new, or only an old one rediscovered.

"It is supposed that  $\alpha$  Centauri, one of the brightest stars of the Southern Hemisphere, is the nearest of the fixed stars to the earth. The researches on its parallax by Henderson and Maclear gave, for its distance from the earth, in round numbers, 20,720,000,000,000 miles. At the inconceivably rapid rate at which light is propagated through space, it would require about  $3\frac{1}{2}$  years to reach the earth from this star."—Whitaker.

## The Moon.

THE mean distance of the Moon from the Earth is 238,850 miles; its mean sidereal revolution round the Earth is 27 days, 7 hours, 43 minutes, 11.46 seconds; its mean synodical revolution, or the period from new moon to new moon, is 29 days, 12 hours, 44 minutes, 2.87 seconds; the eccentricity of its orbit is 0.0549, and its diameter is 2,162 miles. The Earth being taken as unity, the density is .61; mass, 1-81; volume, 1-50, and gravity, 1-6; that is to say, the Earth would weigh as much as 81 Moons, is 50 times larger, and a pound of matter at the Moon's surface would, if transferred to the Earth, weigh 6 pounds.

## Periodic Comets.

OBSERVED AT MORE THAN ONE PERIHELION PASSAGE.

| NAME.             | Perihelion Passage. | Period (Years) | Perihel. Dist. Earth's Orbit=1. | Eccen- tricity. | NAME.             | Perihelion Passage. | Period (Years) | Perihel. Dist. Earth's Orbit=1. | Eccen- tricity. |
|-------------------|---------------------|----------------|---------------------------------|-----------------|-------------------|---------------------|----------------|---------------------------------|-----------------|
| Encke .....       | 1885, Mar. 7        | 3.3            | 0.34                            | 0.846           | Biela .....       | 1852, Sept. 23      | 6.6            | 0.86                            | 0.755           |
| Tempel .....      | 1883, Nov. 20       | 5.2            | 1.34                            | 0.553           | D'Arrest .....    | 1884, Jan. 13       | 6.7            | 1.33                            | 0.626           |
| Barnard .....     | 1890, Feb. 7        | 5.4            | 1.28                            | 0.582           | Faye .....        | 1881, Jan. 22       | 7.6            | 1.74                            | 0.549           |
| Tempel-Swift..... | 1886, May 9         | 5.5            | 1.07                            | 0.656           | Tuttle .....      | 1885, Sept. 11      | 13.8           | 1.02                            | 0.821           |
| Brorsen .....     | 1879, Mar. 30       | 5.5            | 0.59                            | 0.810           | Pons-Brooks ..... | 1834, Jan. 25       | 71.5           | 0.77                            | 0.955           |
| Winnecke .....    | 1886, Sept. 4       | 5.8            | 0.88                            | 0.727           | Olbers .....      | 1887, Oct. 8        | 72.6           | 1.20                            | 0.931           |
| Tempel .....      | 1885, Sept. 25      | 6.5            | 2.07                            | 0.405           | Halley .....      | 1835, Nov. 15       | 76.4           | 0.59                            | 0.967           |

## Meteorites.

THESE bodies are now considered to be the débris of disintegrated comets, since the greater number of them, and especially the showers, revolve around the sun in orbits which are identical with those of comets no longer visible. Omitting sporadic meteors, which can be seen on almost any clear night, and which appear to be describing independent orbits of their own, the principal meteoric groups are those of August and November. The orbit of the former extends to an unknown distance beyond the orbit of Neptune, while the latter reaches only a slight distance beyond the orbit of Uranus. Meteors are not uniformly distributed around their entire orbit, but occur in groups of such immense size that it sometimes takes a year or two for the swarm to pass a given point, although moving with planetary velocity. The principal groups, or showers, are known as the Leonids, Andromedes, and Perseids; the first have a period of about thirty-three years; the second of thirteen years, and the third are not limited to any date, but appear more or less abundant for a week or two about the 1st of August every year. Many great showers are on record, but the most notable one in recent times occurred in November, 1833; others took place November 13-14, 1866 and 1867, and another may be expected about the 14th or 15th of November, 1900.

When a meteor enters the earth's atmosphere it becomes intensely heated, owing to the resistance and friction, and, if small, is completely consumed; but if large enough its passage is accompanied by a continuous roar, with tremendous explosions, which can be heard for distances of forty or fifty miles. Meteors vary in size from mere grains of sand to several tons, and consist for the most part of iron and nickel, but no fewer than twenty-four terrestrial elements have been found in them.

We may confidently expect a meteoric shower about the 14th of November, 1900, and it is hoped that observers throughout the country will be on the alert during this time, for if the shower at all approaches that of 1833 it will form one of the grandest sights that is likely to greet mortal vision.



## Table of Memorable Dates.

|  |  |   |
|--|--|---|
| B. C.  | A. D.  | A. D.   |
| 1183 Fall of Troy.                               | 1660 Restoration of the Stuarts.                 | 1820 Missouri Compromise adopted.                   |
| 1082 Era of the Great Pyramid.                   | 1664 New York conquered from the Dutch.          | 1823 Monroe Doctrine declared, Dec. 2.              |
| 878 Carthage founded.                            | 1664 The great plague of London.                 | 1828 First passenger railroad in the United States. |
| 776 Olympic Era began.                           | 1665 The great fire of London began Sept. 2.     | 1830 Revolution in France, Orleanist success.       |
| 753 Foundation of Rome.                          | 1679 Habas Corpus Act passed in England.         | 1829 S. Carolina Nullification Ordinance.           |
| 588 Jerusalem taken by Nebuchadnezzar.           | 1682 Pennsylvania settled by William Penn.       | 1835 Morse invented the telegraph.                  |
| 536 Restoration of the Jews under Cyrus.         | 1685 Revocation of the Edict of Nantes, Oct. 22. | 1835 Seminole War in Florida began.                 |
| 503 Expulsion of Tarquins from Rome.             | 1688 James II. abdicated, Dec. 11.               | 1837 Accession of Queen Victoria, June 20.          |
| 480 Xerxes defeated Greeks at Thermopylae.       | 1690 Battle of the Boyne, July 1.                | 1845 Texas annexed.                                 |
| 55 Caesar conquered Britain.                     | 1690 First newspaper in America; at Boston.      | 1846 Sewing machine completed by Elias Howe.        |
| 4 Birth of Jesus Christ.                         | 1704 Gibraltar was taken by the English.         | 1846 The Irish Potato Famine.                       |
| A. D.  | 1713 Peace of Utrecht, April 11.                 | 1846 British Corn laws repealed, June 26.           |
| 29 The Crucifixion.                              | 1713 Accession of House of Hanover, Aug. 1.      | 1846 War with Mexico began.                         |
| 70 Jerusalem was destroyed by Titus.             | 1715 First Jacobite Rebellion in Great Britain.  | 1848 French Revolution. Republic succeeded.         |
| 313 Constantine converted to Christianity.       | 1720 South Sea Bubble.                           | 1848 Gold discovered in California, Sept.           |
| 410 The Romans abandoned Britain.                | 1745 Battle of Fontenoy, April 30.               | 1851 Gold discovered in Australia, Feb. 12.         |
| 827 Egbert, first king of all England, Oct. 14.  | 1745 Second Jacobite Rebellion in Great Britain. | 1851 First International Exhibition, London.        |
| 1066 Battle of Hastings. Norman Conquest.        | 1756 Black Hole Suffocation in Calcutta.         | 1852 Louis Napoleon became Emperor, Dec. 2.         |
| 1096 The Crusades began.                         | 1757 Clive won Battle of Plassey in India.       | 1853 Crimean War began.                             |
| 1172 Ireland was conquered by Henry II.          | 1759 Canada was taken from the French.           | 1857 The Great Mutiny in India.                     |
| 1215 King John granted Magna Charta, June 15.    | 1765 Stamp Act enacted.                          | 1857 The Dred Scott decision.                       |
| 1295 First Representative Parliament in England. | 1773 Steam engine perfected by Watt.             | 1859 John Brown's raid into Virginia.               |
| 1415 Joan of Arc was burnt, May 30.              | 1773 Tea destroyed in Boston Harbor, Dec. 16.    | 1860 South Carolina seceded, Dec. 20.               |
| 1453 Constantinople taken by the Turks.          | 1775 Battle of Lexington, April 19.              | 1861 Emancipation of the Russian serfs.             |
| 1456 The Wars of the Roses began.                | 1775 Battle of Bunker Hill, June 17.             | 1863 Lincoln's Emancipation Proclamation, Jan. 1.   |
| 1462 The Bible was first printed at Mentz.       | 1776 Declaration of Independence, July 4.        | 1863 Battle of Gettysburg, July 1-3.                |
| 1471 Caxton set up his printing press.           | 1779 Burgoyne's surrender, Oct. 17.              | 1865 Lee surrendered at Appomattox, April 9.        |
| 1486 The feuds of York and Lancaster ended.      | 1779 Capt. Cook was killed, Feb. 14.             | 1865 President Lincoln assassinated, April 14.      |
| 1492 Columbus discovered America, Oct. 12.       | 1781 Cornwallis' surrender at Yorktown, Oct. 19. | 1866 Battle of Sadowa. Prussia beat Austria.        |
| 1517 The Reformation began in Germany.           | 1788 First settlement in Australia, Jan. 26.     | 1867 Emperor Maximilian of Mexico executed.         |
| 1519 Cortez began the conquest of Mexico.        | 1789 The French Revolution began July 14.        | 1867 The Dominion of Canada established.            |
| 1535 The first English Bible printed.            | 1789 Washington first inaugurated President.     | 1870 Franco-German War began, July 19.              |
| 1539 Monasteries were closed in England.         | 1793 Cotton-gin invented by Whitney.             | 1870 Capitulation of French at Sedan, Sept. 1.      |
| 1558 Accession of Queen Elizabeth, Nov. 17.      | 1793 Louis XVI. of France executed, Jan. 21.     | 1870 Rome became the capital of Italy.              |
| 1565 Revolt of the Netherlands began.            | 1796 Vaccination discovered by Jenner.           | 1871 The German Empire re-established.              |
| 1572 The St. Bartholomew Massacre, Aug. 24.      | 1798 The Irish Rebellion.                        | 1871 The Irish Church was disestablished.           |
| 1588 The Spanish Armada defeated, July.          | 1799 Battle of Seringapatam; death of Tipoo.     | 1871 The great fire in Chicago, Oct. 8-11.          |
| 1600 East India Company first chartered.         | 1799 Bonaparte declared First Consul, Nov. 10.   | 1872 The great fire in Boston, Nov. 9.              |
| 1603 Union of England and Scotland, March 24.    | 1801 Union of Great Britain and Ireland, Jan. 1. | 1875 Centennial Exposition at Philadelphia.         |
| 1605 The Gunpowder Plot in England.              | 1808 Louisiana purchased from the French.        | 1881 President Garfield shot.                       |
| 1607 Jamestown, Va., was settled.                | 1804 Bonaparte became Emperor of France.         | 1882 British occupation of Egypt.                   |
| 1609 Hudson River first explored.                | 1805 Battle of Trafalgar; death of Nelson.       | 1889 Brazil became a Republic.                      |
| 1616 Shakespeare died, April 23.                 | 1807 Fulton's first steamboat voyage.            | 1893 World's Columbian Exposition at Chicago.       |
| 1618 Thirty years' War in Germany began.         | 1812 Second war with Great Britain.              | 1894 Chinese-Japanese War began.                    |
| 1620 Pilgrims by the Mayflower landed.           | 1812 The French expedition to Moscow.            | 1895 Cuban Revolution began, Feb. 20.               |
| 1625 Manhattan Island settled.                   | 1813 Perry's victory on Lake Erie, Sept. 10.     | 1897 The Turkish-Greek War.                         |
| 1634 Maryland settled by Roman Catholics.        | 1814 The printing machine invented.              | 1898 The Spanish-American War.                      |
| 1636 Rhode Island settled by Roger Williams.     | 1815 Scott's "Waverley" published.               | 1899 Universal Peace Conference.                    |
| 1640 Cromwell's Long Parliament assembled.       | 1815 Battle of New Orleans, Jan. 8.              | 1899 The South African War.                         |
| 1649 Charles I. was beheaded, Jan. 30.           | 1815 Battle of Waterloo, June 18.                |   |
| 1653 Oliver Cromwell became Lord Protector.      | 1819 First steamship crossed the Atlantic.       |   |

## The French Revolutionary Era.

In September, 1793, the convention decreed that the common era should be abolished in all civil affairs, and that the new French era should begin on September 22, 1792, the day of the true autumnal equinox, and that each succeeding year should begin at the midnight of the day on which the true autumnal equinox falls. The year was divided into twelve months of thirty days each. In ordinary years there were five extra days, from the 17th to the 21st of our September, and at the end of every fourth year was a sixth complimentary day. This reckoning was first used on November 22, 1793, and was continued until December 31, 1805, when it was discontinued, and the Gregorian calendar, used throughout the rest of Europe, was resumed. The following were the dates for the year 1804, the last complete year of this style of reckoning:

|                        |                             |
|------------------------|-----------------------------|
| Vendemiaire (Vintage), | September 23 to October 22. |
| Brumaire (Foggy),      | October 23 to November 22.  |
| Frimaire (Sleety),     | November 22 to December 21. |
| Nivose (Snowy),        | December 22 to January 21.  |
| Pluviose (Rainy),      | January 21 to February 20.  |
| Ventose (Windy),       | February 20 to March 19.    |

|                     |                            |
|---------------------|----------------------------|
| Germinal (Budding), | March 22 to April 21.      |
| Floral (Flowery),   | April 21 to May 20.        |
| Prairial (Pasture), | May 21 to June 20.         |
| Messidor (Harvest), | June 20 to July 19.        |
| Thermidor (Hot),    | July 20 to August 19.      |
| Fructidor (Fruit),  | August 19 to September 18. |

The months were divided into three decades of ten days each, but to make up the 365 five were added at the end of September: Primiidi, dedicated to Virtue; Duodi, to Genius; Tridi, to Labor; Quartiidi, to Opinion, and Quintiidi, to Rewards. To Leap Year, called Olympic, a sixth day, September 22 or 23, Sextiidi, "the day of the Revolution," was added.

To each tenth day, thirty-six in all, were assigned thirty-six "Fetes Decadaires," decreed by the National Convention on the eighteenth Prairial, in honor of the Supreme Being and Nature, the Human Race, the French People, Benefactors of Humanity, Martyrs for Liberty, Liberty and Equality, the Republic, Liberty of the World, Love of Country, Hatred of Tyrants and Traitors, Truth, Justice, Modesty, Glory and Immortality, Friend ship, Frugality, Courage, Good Faith, Heroism, Disinterestedness, Stoicism, Love, Conjugal Fidelity, Paternal Love, Maternal Tenderness, Filial Piety, Infancy, Childhood, Manhood, Old Age, Sickness, Agriculture, Industry, Our Ancestors, Our Posterity, Goodness.

| 1900  |      |      |       |      |       |      |      |       |      |      |       |      | 1901  |      |      |       |      |      |       |      |       |      |      |       |      |      |       |      |       |      |      |
|-------|------|------|-------|------|-------|------|------|-------|------|------|-------|------|-------|------|------|-------|------|------|-------|------|-------|------|------|-------|------|------|-------|------|-------|------|------|
| Jan.  | Sun. | Mon. | Tues. | Wed. | Thur. | Fri. | Sat. | July. | Sun. | Mon. | Tues. | Wed. | Thur. | Fri. | Sat. | Jan.  | Sun. | Mon. | Tues. | Wed. | Thur. | Fri. | Sat. | July. | Sun. | Mon. | Tues. | Wed. | Thur. | Fri. | Sat. |
| 1     | 2    | 3    | 4     | 5    | 6     | 7    | 8    | 1     | 2    | 3    | 4     | 5    | 6     | 7    | 8    | 1     | 2    | 3    | 4     | 5    | 6     | 7    | 8    | 1     | 2    | 3    | 4     | 5    | 6     | 7    | 8    |
| 9     | 10   | 11   | 12    | 13   | 14    | 15   | 16   | 9     | 10   | 11   | 12    | 13   | 14    | 15   | 16   | 9     | 10   | 11   | 12    | 13   | 14    | 15   | 16   | 9     | 10   | 11   | 12    | 13   | 14    | 15   | 16   |
| 17    | 18   | 19   | 20    | 21   | 22    | 23   | 24   | 17    | 18   | 19   | 20    | 21   | 22    | 23   | 24   | 17    | 18   | 19   | 20    | 21   | 22    | 23   | 24   | 17    | 18   | 19   | 20    | 21   | 22    | 23   | 24   |
| 25    | 26   | 27   | 28    | 29   | 30    | 31   |      | 25    | 26   | 27   | 28    | 29   | 30    | 31   |      | 25    | 26   | 27   | 28    | 29   | 30    | 31   |      | 25    | 26   | 27   | 28    | 29   | 30    | 31   |      |
| Feb.  | 1    | 2    | 3     | 4    | 5     | 6    | 7    | Feb.  | 1    | 2    | 3     | 4    | 5     | 6    | 7    | Feb.  | 1    | 2    | 3     | 4    | 5     | 6    | 7    | Feb.  | 1    | 2    | 3     | 4    | 5     | 6    | 7    |
| 8     | 9    | 10   | 11    | 12   | 13    | 14   | 15   | 8     | 9    | 10   | 11    | 12   | 13    | 14   | 15   | 8     | 9    | 10   | 11    | 12   | 13    | 14   | 15   | 8     | 9    | 10   | 11    | 12   | 13    | 14   | 15   |
| 16    | 17   | 18   | 19    | 20   | 21    | 22   | 23   | 16    | 17   | 18   | 19    | 20   | 21    | 22   | 23   | 16    | 17   | 18   | 19    | 20   | 21    | 22   | 23   | 16    | 17   | 18   | 19    | 20   | 21    | 22   | 23   |
| 24    | 25   | 26   | 27    | 28   | 29    | 30   | 31   | 24    | 25   | 26   | 27    | 28   | 29    | 30   | 31   | 24    | 25   | 26   | 27    | 28   | 29    | 30   | 31   | 24    | 25   | 26   | 27    | 28   | 29    | 30   | 31   |
| Mar.  | 1    | 2    | 3     | 4    | 5     | 6    | 7    | Mar.  | 1    | 2    | 3     | 4    | 5     | 6    | 7    | Mar.  | 1    | 2    | 3     | 4    | 5     | 6    | 7    | Mar.  | 1    | 2    | 3     | 4    | 5     | 6    | 7    |
| 8     | 9    | 10   | 11    | 12   | 13    | 14   | 15   | 8     | 9    | 10   | 11    | 12   | 13    | 14   | 15   | 8     | 9    | 10   | 11    | 12   | 13    | 14   | 15   | 8     | 9    | 10   | 11    | 12   | 13    | 14   | 15   |
| 16    | 17   | 18   | 19    | 20   | 21    | 22   | 23   | 16    | 17   | 18   | 19    | 20   | 21    | 22   | 23   | 16    | 17   | 18   | 19    | 20   | 21    | 22   | 23   | 16    | 17   | 18   | 19    | 20   | 21    | 22   | 23   |
| 24    | 25   | 26   | 27    | 28   | 29    | 30   | 31   | 24    | 25   | 26   | 27    | 28   | 29    | 30   | 31   | 24    | 25   | 26   | 27    | 28   | 29    | 30   | 31   | 24    | 25   | 26   | 27    | 28   | 29    | 30   | 31   |
| Apr.  | 1    | 2    | 3     | 4    | 5     | 6    | 7    | Apr.  | 1    | 2    | 3     | 4    | 5     | 6    | 7    | Apr.  | 1    | 2    | 3     | 4    | 5     | 6    | 7    | Apr.  | 1    | 2    | 3     | 4    | 5     | 6    | 7    |
| 8     | 9    | 10   | 11    | 12   | 13    | 14   | 15   | 8     | 9    | 10   | 11    | 12   | 13    | 14   | 15   | 8     | 9    | 10   | 11    | 12   | 13    | 14   | 15   | 8     | 9    | 10   | 11    | 12   | 13    | 14   | 15   |
| 16    | 17   | 18   | 19    | 20   | 21    | 22   | 23   | 16    | 17   | 18   | 19    | 20   | 21    | 22   | 23   | 16    | 17   | 18   | 19    | 20   | 21    | 22   | 23   | 16    | 17   | 18   | 19    | 20   | 21    | 22   | 23   |
| 24    | 25   | 26   | 27    | 28   | 29    | 30   | 31   | 24    | 25   | 26   | 27    | 28   | 29    | 30   | 31   | 24    | 25   | 26   | 27    | 28   | 29    | 30   | 31   | 24    | 25   | 26   | 27    | 28   | 29    | 30   | 31   |
| May.  | 1    | 2    | 3     | 4    | 5     | 6    | 7    | May.  | 1    | 2    | 3     | 4    | 5     | 6    | 7    | May.  | 1    | 2    | 3     | 4    | 5     | 6    | 7    | May.  | 1    | 2    | 3     | 4    | 5     | 6    | 7    |
| 8     | 9    | 10   | 11    | 12   | 13    | 14   | 15   | 8     | 9    | 10   | 11    | 12   | 13    | 14   | 15   | 8     | 9    | 10   | 11    | 12   | 13    | 14   | 15   | 8     | 9    | 10   | 11    | 12   | 13    | 14   | 15   |
| 16    | 17   | 18   | 19    | 20   | 21    | 22   | 23   | 16    | 17   | 18   | 19    | 20   | 21    | 22   | 23   | 16    | 17   | 18   | 19    | 20   | 21    | 22   | 23   | 16    | 17   | 18   | 19    | 20   | 21    | 22   | 23   |
| 24    | 25   | 26   | 27    | 28   | 29    | 30   | 31   | 24    | 25   | 26   | 27    | 28   | 29    | 30   | 31   | 24    | 25   | 26   | 27    | 28   | 29    | 30   | 31   | 24    | 25   | 26   | 27    | 28   | 29    | 30   | 31   |
| June. | 1    | 2    | 3     | 4    | 5     | 6    | 7    | June. | 1    | 2    | 3     | 4    | 5     | 6    | 7    | June. | 1    | 2    | 3     | 4    | 5     | 6    | 7    | June. | 1    | 2    | 3     | 4    | 5     | 6    | 7    |
| 8     | 9    | 10   | 11    | 12   | 13    | 14   | 15   | 8     | 9    | 10   | 11    | 12   | 13    | 14   | 15   | 8     | 9    | 10   | 11    | 12   | 13    | 14   | 15   | 8     | 9    | 10   | 11    | 12   | 13    | 14   | 15   |
| 16    | 17   | 18   | 19    | 20   | 21    | 22   | 23   | 16    | 17   | 18   | 19    | 20   | 21    | 22   | 23   | 16    | 17   | 18   | 19    | 20   | 21    | 22   | 23   | 16    | 17   | 18   | 19    | 20   | 21    | 22   | 23   |
| 24    | 25   | 26   | 27    | 28   | 29    | 30   | 31   | 24    | 25   | 26   | 27    | 28   | 29    | 30   | 31   | 24    | 25   | 26   | 27    | 28   | 29    | 30   | 31   | 24    | 25   | 26   | 27    | 28   | 29    | 30   | 31   |

Anniversaries.

DATES OF HISTORICAL EVENTS CUSTOMARILY OR OCCASIONALLY OBSERVED.

|  |   |
|--|---|
| Jan. 1. Emancipation Proclamation by Lincoln, 1863.  | July 1. Dominion Day in Canada.   |
| Jan. 8. Battle of New Orleans, 1815.   | July 1-2. General assault on Santiago de Cuba, 1898.                    |
| Jan. 17. Franklin born, 1706.  | July 1-3. Battle of Gettysburg, 1863.                                   |
| Jan. 17. Battle of the Cowpens, S. C., 1781.   | July 3. Cervera's fleet was destroyed off Santiago, 1898.               |
| Jan. 18. Daniel Webster born, 1782.  | July 4. Declaration of Independence, 1776.                              |
| Jan. 19. Robert E. Lee born, 1807.   | July 14. The Bastille was destroyed, 1789.                              |
| Jan. 27. German Emperor born, 1859.  | July 15. Santiago surrendered, 1898.                                    |
| Feb. 1. Abraham Lincoln born, 1809.  | July 21. Battle of Bull Run, 1861.                                      |
| Feb. 15. Battle-ship Maine blown up, 1898.   | Aug. 13. Manila surrendered to the Americans, 1898.                     |
| Feb. 22. George Washington born, 1732.   | Aug. 16. Battle of Bennington, Vt., 1777.                               |
| Feb. 22-23. Battle of Buena Vista, 1847.   | Sep. 1. Capitulation of Sedan, 1870.                                    |
| March 5. Boston Massacre, 1770.  | Sep. 8. Battle of Entaw Springs, S. C., 1781.                           |
| March 15. Andrew Jackson born, 1767.   | Sep. 10. Battle of Lake Erie, Perry's victory, 1813.                    |
| March 18. Grover Cleveland born, 1837.   | Sep. 11. Battle of Lake Champlain, McDonough's victory, 1814.           |
| April 1. Bismarck born, 1815.  | Sep. 13. Battle of Chapultepec, 1847.                                   |
| April 9. Lee surrendered at Appomattox, 1865.  | Sep. 14. City of Mexico taken by the U. S. troops, 1847.                |
| April 12. Fort Sumter fired upon, 1861.  | Sep. 17. Battle of Antietam, 1862.                                      |
| April 12. Henry Clay born, 1777.   | Sep. 19-20. Battle of Chickamauga, 1863.                                |
| April 13. Thomas Jefferson born, 1743.   | Sep. 20. Italians occupied Rome, 1870.                                  |
| April 14. Lincoln assassinated, 1865.  | Oct. 7. Battle of King's Mountain, N. C., 1780.                         |
| April 19. Primrose Day in England, Lord Beaconsfield died, 1881.                                 | Oct. 8-11. Great fire of Chicago, 1871.                                 |
| April 19. Battles of Lexington and Concord, 1775.  | Oct. 12. Columbus discovered America, 1492.                             |
| April 23. Shakespeare born, 1564.  | Oct. 17. Burgoyne surrendered at Saratoga, 1777.                        |
| April 27. General Grant born, 1822.  | Oct. 19. Cornwallis surrendered at Yorktown, 1781.                      |
| April 30. Washington was inaugurated first President, 1789.                                      | Nov. 5. Guy Fawkes Day in England. The Gunpowder Plot discovered, 1604. |
| May 1. Dewey destroyed the Spanish fleet at Manila, 1898.  | Nov. 9. Great fire of Boston, 1872.                                     |
| May 13. First English settlement in America, at Jamestown, 1607.                                 | Nov. 10. Martin Luther born, 1483.                                      |
| May 13. The Society of the Cincinnati was organized by officers of the Revolutionary Army, 1783. | Nov. 25. British evacuated New York, 1786.                              |
| May 20. Mecklenburg, N. C., Declaration of Independence, 1775.                                   | Dec. 2. Battle of Austerlitz, 1805.                                     |
| May 24. Queen Victoria born, 1819.   | Dec. 14. Washington died, 1799.   |
| June 6. General Nathanael Greene born, 1742.   | Dec. 16. Boston Tea Party, 1773.  |
| June 15. King John granted Magna Charter at Runnymede, 1215.                                     | Dec. 16. The great fire in New York, 1835.                              |
| June 17. Battle of Bunker Hill, 1775.  | Dec. 22. Mayflower pilgrims landed at Plymouth Rock, 1620.              |
| June 18. Battle of Waterloo, 1815.   | Dec. 25-26. Battle of Trenton, N. J., 1776.                             |
| June 23. Battle of Fort Moultrie, Charleston, S. C., 1776.                                       | Dec. 29. William Ewart Gladstone born, 1806.                            |

**Ready Reference Calendar.—1.**

For ascertaining the Day of the Week for any given Time from the Beginning of the Christian Era to the Year 2200.

TABLE OF CENTURIES.

|   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|
| G | F | E | D | C | B | A |
| A | G | F | E | D | C | B |
| B | A | G | F | E | D | C |
| C | B | A | G | F | E | D |
| D | C | B | A | G | F | E |
| E | D | C | B | A | G | F |
| F | E | D | C | B | A | G |

TABLE OF YEARS.

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|    | 05 | 11 | 16 | 22 |    | 33 | 39 | 44 | 50 |    | 61 | 67 | 72 | 78 |    | 89 | 95 |
| 00 | 06 |    | 17 | 23 | 28 | 34 |    | 45 | 51 | 56 | 62 |    | 73 | 79 | 84 | 90 |    |
| 01 | 07 | 12 | 18 |    | 29 | 35 | 40 | 46 |    | 57 | 63 | 68 | 74 |    | 85 | 91 | 96 |
| 02 |    | 13 | 19 | 24 | 30 |    | 41 | 47 | 52 | 58 |    | 69 | 75 | 80 | 86 |    | 97 |
| 03 | 08 | 14 |    | 25 | 31 | 36 | 42 |    | 53 | 59 | 64 | 70 |    | 81 | 87 | 92 | 98 |
|    | 09 | 15 | 20 | 26 |    | 37 | 43 | 48 | 54 |    | 65 | 71 | 76 | 82 |    | 93 | 99 |
| 04 | 10 |    | 21 | 27 | 32 | 38 |    | 49 | 55 | 60 | 66 |    | 77 | 83 | 88 | 94 |    |

Figures below for the Gregorian New Style. Refer to the letters above.

|  |    |    |  |    |  |    |
|--|----|----|--|----|--|----|
|  | 15 | 16 |  | 17 |  | 18 |
|  | 19 | 20 |  | 21 |  | 22 |

Figures below for the Julian Old Style. Refer to the letters above.

|    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|
|    |    |    |    | 0  | 1  | 2  |
| 3  | 4  | 5  | 6  | 7  | 8  | 9  |
| 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 |    |    |    |

**DIRECTIONS.**—1. In the Table of Centuries find the first two figures of the year desired, and in the Table of Years find the last two figures of that year. The letter at the intersection of the columns of the two tables is the *Year Letter*. 2. Under the Year Letter in the Table of Months find the *Key Figure* opposite the month desired. 3. The day of the week desired can then be found in the Table of Days at the intersection of the columns of the *Key Figure* and the day of the month.\*

TABLE OF MONTHS.

|            |       | A | B | C | D | E | F | G |
|------------|-------|---|---|---|---|---|---|---|
| Leap Year. | Jan.  | 2 | 3 | 4 | 5 | 6 | 7 | 1 |
|            | Feb.  | 5 | 6 | 7 | 1 | 2 | 3 | 4 |
|            | Jan.  | 3 | 4 | 5 | 6 | 7 | 1 | 2 |
|            | Feb.  | 6 | 7 | 1 | 2 | 3 | 4 | 5 |
|            | Mar.  | 6 | 7 | 1 | 2 | 3 | 4 | 5 |
|            | Apr.  | 2 | 3 | 4 | 5 | 6 | 7 | 1 |
|            | May   | 4 | 5 | 6 | 7 | 1 | 2 | 3 |
|            | June  | 7 | 1 | 2 | 3 | 4 | 5 | 6 |
|            | July  | 2 | 3 | 4 | 5 | 6 | 7 | 1 |
|            | Aug.  | 5 | 6 | 7 | 1 | 2 | 3 | 4 |
|            | Sept. | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|            | Oct.  | 3 | 4 | 5 | 6 | 7 | 1 | 2 |
|            | Nov.  | 6 |   | 1 | 2 | 3 | 4 | 5 |
|            | Dec.  | 1 | 2 | 3 | 4 | 5 | 6 | 7 |

TABLE OF DAYS.

| Key Figure. | Sun. | Mon. | Tue. | Wed. | Thu. | Fri. | Sat. |
|-------------|------|------|------|------|------|------|------|
| 1           | Sun. | Mon. | Tue. | Wed. | Thu. | Fri. | Sat. |
| 2           | Mon. | Tue. | Wed. | Thu. | Fri. | Sat. | Sun. |
| 3           | Tue. | Wed. | Thu. | Fri. | Sat. | Sun. | Mon. |
| 4           | Wed. | Thu. | Fri. | Sat. | Sun. | Mon. | Tue. |
| 5           | Thu. | Fri. | Sat. | Sun. | Mon. | Tue. | Wed. |
| 6           | Fri. | Sat. | Sun. | Mon. | Tue. | Wed. | Thu. |
| 7           | Sat. | Sun. | Mon. | Tue. | Wed. | Thu. | Fri. |
|             | 1    | 2    | 3    | 4    | 5    | 6    | 7    |
|             | 8    | 9    | 10   | 11   | 12   | 13   | 14   |
|             | 15   | 16   | 17   | 18   | 19   | 20   | 21   |
|             | 22   | 23   | 24   | 25   | 26   | 27   | 28   |
|             | 29   | 30   | 31   |      |      |      |      |

\*EXAMPLE.—To find the day of the week on which July 4, 1901, falls: Find 19 in the Table of Centuries and 01 in the Table of Years. The Year Letter at the intersection of their columns is A. In the Table of Months the key figure at the intersection of the A and July columns is 2. In the Table of Days the day of the week at the intersection of the key figure (2) and day of the month (4th) columns is Thursday, which gives the information desired.

LEAP YEARS.—For Leap Years use January and February at the top of the Table of Months opposite the words "Leap Year." In the Table of Years leap years are underlined. Years ending in 00 in Old Style dates are leap years; in New Style dates only when the Year Letter is F.



Ready Reference Calendar.—2.

For ascertaining any Day of the Week for any given Time within Two Hundred Years from the introduction of the New Style, 1753, to 1952 inclusive.

YEARS 1753 TO 1952.

|                |                |                |                |                |                |                |                |   |      |      |      |      |      |       |       |      |       |      |      |      |
|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---|------|------|------|------|------|-------|-------|------|-------|------|------|------|
| 1753g<br>1754d | 1781g<br>1782d | 1800e<br>1801a | 1828q<br>1829a | 1856q<br>1857a | 1884g<br>1885a | 1900g<br>1901d | 1928h<br>1829d | a | Jan. | Feb. | Mar. | Apr. | May. | June. | July. | Aug. | Sept. | Oct. | Nov. | Dec. |
| 1755e<br>1756p | 1783e<br>1784p | 1802b<br>1803c | 1830b<br>1831c | 1858b<br>1859c | 1886b<br>1887c | 1902e<br>1903a | 1930e<br>1931a |   | b    | 4    | 7    | 7    | 3    | 5     | 1     | 3    | 6     | 2    | 4    | 7    |
| 1757c<br>1758f | 1785c<br>1786f | 1804h<br>1805d | 1832h<br>1833d | 1860h<br>1861d | 1888h<br>1889d | 1904k<br>1905f | 1932k<br>1933f | c | 6    | 2    | 2    | 5    | 7    | 3     | 5     | 1    | 4     | 6    | 2    | 4    |
| 1759g<br>1760q | 1787g<br>1788q | 1806e<br>1807a | 1834e<br>1835a | 1862e<br>1863a | 1890e<br>1891a | 1906g<br>1907d | 1934g<br>1935d | d | 2    | 5    | 5    | 1    | 3    | 6     | 1     | 4    | 7     | 2    | 5    | 7    |
| 1761a<br>1762b | 1789a<br>1790b | 1808k<br>1809f | 1836k<br>1837f | 1864k<br>1865f | 1892k<br>1893f | 1908i<br>1909b | 1936i<br>1937b | e | 3    | 6    | 6    | 2    | 4    | 7     | 2     | 5    | 1     | 3    | 6    | 1    |
| 1763c<br>1764h | 1791c<br>1792h | 1810g<br>1811d | 1838g<br>1839d | 1866g<br>1867d | 1894g<br>1895d | 1910c<br>1911f | 1938c<br>1939f | f | 7    | 3    | 3    | 6    | 1    | 4     | 6     | 2    | 5     | 7    | 3    | 5    |
| 1765d<br>1766e | 1793d<br>1794e | 1812i<br>1813b | 1840i<br>1841b | 1868i<br>1869b | 1896i<br>1897b | 1912m<br>1913e | 1940m<br>1941e | g | 1    | 4    | 4    | 7    | 2    | 5     | 7     | 3    | 6     | 1    | 4    | 6    |
| 1767a<br>1768k | 1795a<br>1796k | 1814c<br>1815f | 1842c<br>1843f | 1870c<br>1871f | 1898c<br>1899f | 1914a<br>1915b | 1942a<br>1943b | h | 7    | 3    | 4    | 7    | 2    | 5     | 7     | 3    | 6     | 1    | 4    | 6    |
| 1769f<br>1770g | 1797f<br>1798g | 1816m<br>1817e | 1844m<br>1845e | 1872m<br>1873e |                | 1916n<br>1917g | 1944n<br>1945g | k | 5    | 1    | 2    | 5    | 7    | 3     | 5     | 1    | 4     | 6    | 2    | 4    |
| 1771d<br>1772i | 1799d          | 1818a<br>1819b | 1846a<br>1847b | 1874a<br>1875b |                | 1918d<br>1919e | 1946d<br>1947e | l | 3    | 6    | 7    | 3    | 5    | 1     | 3     | 6    | 2     | 4    | 7    | 2    |
| 1773b<br>1774c |                | 1820n<br>1821g | 1848n<br>1849g | 1876n<br>1877g |                | 1920p<br>1921c | 1948p<br>1949c | m | 1    | 4    | 5    | 1    | 3    | 6     | 1     | 4    | 7     | 2    | 5    | 7    |
| 1775f<br>1776m |                | 1822d<br>1823e | 1850d<br>1851e | 1878d<br>1879e |                | 1922f<br>1923g | 1950f<br>1951g | n | 6    | 2    | 3    | 6    | 1    | 4     | 6     | 2    | 5     | 7    | 3    | 5    |
| 1777e<br>1778a |                | 1824p<br>1825c | 1852p<br>1853c | 1880p<br>1881c |                | 1924q<br>1925a | 1952q          | p | 4    | 7    | 1    | 4    | 6    | 2     | 4     | 7    | 3     | 5    | 1    | 3    |
| 1779b<br>1780n |                | 1826f<br>1827g | 1854f<br>1855g | 1882f<br>1883g |                | 1926b<br>1927c |                | q | 2    | 5    | 6    | 2    | 4    | 7     | 2     | 5    | 1     | 3    | 6    | 1    |

NOTE.—The letters in the list of "Years from 1753 to 1952," refer to the table headed with the Months, the figures in which refer to the same figures at the head of the table of Days. For example: To know on what day July 4, 1900, will fall look for 1900 in the table of Years. The letter g is attached. Look for the same letter in the table of Months and in a parallel line under July is the figure 7, which directs to column 7 in the table of Days below, in which it will be seen that July 4 falls on Wednesday.

This improved calendar was made for THE WORLD ALMANAC by Arthur Cunningham, of Columbus, O.

TABLE OF DAYS.

|           | 1  | 2         | 3  | 4         | 5  | 6         | 7  |
|-----------|----|-----------|----|-----------|----|-----------|----|
| Monday    | 1  | Tuesday   | 2  | Wednesday | 3  | Thursday  | 4  |
| Tuesday   | 2  | Wednesday | 3  | Thursday  | 4  | Friday    | 5  |
| Wednesday | 3  | Thursday  | 4  | Friday    | 5  | Saturday  | 6  |
| Thursday  | 4  | Friday    | 5  | Saturday  | 6  | Sunday    | 7  |
| Friday    | 5  | Saturday  | 6  | Sunday    | 7  | Monday    | 8  |
| Saturday  | 6  | Sunday    | 7  | Monday    | 8  | Tuesday   | 9  |
| Sunday    | 7  | Monday    | 8  | Tuesday   | 9  | Wednesday | 10 |
| Monday    | 8  | Tuesday   | 9  | Wednesday | 10 | Thursday  | 11 |
| Tuesday   | 9  | Wednesday | 10 | Thursday  | 11 | Friday    | 12 |
| Wednesday | 10 | Thursday  | 11 | Friday    | 12 | Saturday  | 13 |
| Thursday  | 11 | Friday    | 12 | Saturday  | 13 | Sunday    | 14 |
| Friday    | 12 | Saturday  | 13 | Sunday    | 14 | Monday    | 15 |
| Saturday  | 13 | Sunday    | 14 | Monday    | 15 | Tuesday   | 16 |
| Sunday    | 14 | Monday    | 15 | Tuesday   | 16 | Wednesday | 17 |
| Monday    | 15 | Tuesday   | 16 | Wednesday | 17 | Thursday  | 18 |
| Tuesday   | 16 | Wednesday | 17 | Thursday  | 18 | Friday    | 19 |
| Wednesday | 17 | Thursday  | 18 | Friday    | 19 | Saturday  | 20 |
| Thursday  | 18 | Friday    | 19 | Saturday  | 20 | Sunday    | 21 |
| Friday    | 19 | Saturday  | 20 | Sunday    | 21 | Monday    | 22 |
| Saturday  | 20 | Sunday    | 21 | Monday    | 22 | Tuesday   | 23 |
| Sunday    | 21 | Monday    | 22 | Tuesday   | 23 | Wednesday | 24 |
| Monday    | 22 | Tuesday   | 23 | Wednesday | 24 | Thursday  | 25 |
| Tuesday   | 23 | Wednesday | 24 | Thursday  | 25 | Friday    | 26 |
| Wednesday | 24 | Thursday  | 25 | Friday    | 26 | Saturday  | 27 |
| Thursday  | 25 | Friday    | 26 | Saturday  | 27 | Sunday    | 28 |
| Friday    | 26 | Saturday  | 27 | Sunday    | 28 | Monday    | 29 |
| Saturday  | 27 | Sunday    | 28 | Monday    | 29 | Tuesday   | 30 |
| Sunday    | 28 | Monday    | 29 | Tuesday   | 30 | Wednesday | 31 |
| Monday    | 29 | Tuesday   | 30 | Wednesday | 31 | Thursday  |    |
| Tuesday   | 30 | Wednesday | 31 | Thursday  |    | Friday    |    |
| Wednesday | 31 | Thursday  |    | Friday    |    | Saturday  |    |
| Thursday  |    | Friday    |    | Saturday  |    | Sunday    |    |
| Friday    |    | Saturday  |    | Sunday    |    | Monday    |    |
| Saturday  |    | Sunday    |    | Monday    |    | Tuesday   |    |
| Sunday    |    | Monday    |    | Tuesday   |    | Wednesday |    |
| Monday    |    | Tuesday   |    | Wednesday |    | Thursday  |    |
| Tuesday   |    | Wednesday |    | Thursday  |    | Friday    |    |
| Wednesday |    | Thursday  |    | Friday    |    | Saturday  |    |
| Thursday  |    | Friday    |    | Saturday  |    | Sunday    |    |
| Friday    |    | Saturday  |    | Sunday    |    | Monday    |    |
| Saturday  |    | Sunday    |    | Monday    |    | Tuesday   |    |
| Sunday    |    | Monday    |    | Tuesday   |    | Wednesday |    |
| Monday    |    | Tuesday   |    | Wednesday |    | Thursday  |    |
| Tuesday   |    | Wednesday |    | Thursday  |    | Friday    |    |
| Wednesday |    | Thursday  |    | Friday    |    | Saturday  |    |
| Thursday  |    | Friday    |    | Saturday  |    | Sunday    |    |
| Friday    |    | Saturday  |    | Sunday    |    | Monday    |    |
| Saturday  |    | Sunday    |    | Monday    |    | Tuesday   |    |
| Sunday    |    | Monday    |    | Tuesday   |    | Wednesday |    |
| Monday    |    | Tuesday   |    | Wednesday |    | Thursday  |    |
| Tuesday   |    | Wednesday |    | Thursday  |    | Friday    |    |
| Wednesday |    | Thursday  |    | Friday    |    | Saturday  |    |
| Thursday  |    | Friday    |    | Saturday  |    | Sunday    |    |
| Friday    |    | Saturday  |    | Sunday    |    | Monday    |    |
| Saturday  |    | Sunday    |    | Monday    |    | Tuesday   |    |
| Sunday    |    | Monday    |    | Tuesday   |    | Wednesday |    |
| Monday    |    | Tuesday   |    | Wednesday |    | Thursday  |    |
| Tuesday   |    | Wednesday |    | Thursday  |    | Friday    |    |
| Wednesday |    | Thursday  |    | Friday    |    | Saturday  |    |
| Thursday  |    | Friday    |    | Saturday  |    | Sunday    |    |
| Friday    |    | Saturday  |    | Sunday    |    | Monday    |    |
| Saturday  |    | Sunday    |    | Monday    |    | Tuesday   |    |
| Sunday    |    | Monday    |    | Tuesday   |    | Wednesday |    |
| Monday    |    | Tuesday   |    | Wednesday |    | Thursday  |    |
| Tuesday   |    | Wednesday |    | Thursday  |    | Friday    |    |
| Wednesday |    | Thursday  |    | Friday    |    | Saturday  |    |
| Thursday  |    | Friday    |    | Saturday  |    | Sunday    |    |
| Friday    |    | Saturday  |    | Sunday    |    | Monday    |    |
| Saturday  |    | Sunday    |    | Monday    |    | Tuesday   |    |
| Sunday    |    | Monday    |    | Tuesday   |    | Wednesday |    |
| Monday    |    | Tuesday   |    | Wednesday |    | Thursday  |    |
| Tuesday   |    | Wednesday |    | Thursday  |    | Friday    |    |
| Wednesday |    | Thursday  |    | Friday    |    | Saturday  |    |
| Thursday  |    | Friday    |    | Saturday  |    | Sunday    |    |
| Friday    |    | Saturday  |    | Sunday    |    | Monday    |    |
| Saturday  |    | Sunday    |    | Monday    |    | Tuesday   |    |
| Sunday    |    | Monday    |    | Tuesday   |    | Wednesday |    |
| Monday    |    | Tuesday   |    | Wednesday |    | Thursday  |    |
| Tuesday   |    | Wednesday |    | Thursday  |    | Friday    |    |
| Wednesday |    | Thursday  |    | Friday    |    | Saturday  |    |
| Thursday  |    | Friday    |    | Saturday  |    | Sunday    |    |
| Friday    |    | Saturday  |    | Sunday    |    | Monday    |    |
| Saturday  |    | Sunday    |    | Monday    |    | Tuesday   |    |
| Sunday    |    | Monday    |    | Tuesday   |    | Wednesday |    |
| Monday    |    | Tuesday   |    | Wednesday |    | Thursday  |    |
| Tuesday   |    | Wednesday |    | Thursday  |    | Friday    |    |
| Wednesday |    | Thursday  |    | Friday    |    | Saturday  |    |
| Thursday  |    | Friday    |    | Saturday  |    | Sunday    |    |
| Friday    |    | Saturday  |    | Sunday    |    | Monday    |    |
| Saturday  |    | Sunday    |    | Monday    |    | Tuesday   |    |
| Sunday    |    | Monday    |    | Tuesday   |    | Wednesday |    |
| Monday    |    | Tuesday   |    | Wednesday |    | Thursday  |    |
| Tuesday   |    | Wednesday |    | Thursday  |    | Friday    |    |
| Wednesday |    | Thursday  |    | Friday    |    | Saturday  |    |
| Thursday  |    | Friday    |    | Saturday  |    | Sunday    |    |
| Friday    |    | Saturday  |    | Sunday    |    | Monday    |    |
| Saturday  |    | Sunday    |    | Monday    |    | Tuesday   |    |
| Sunday    |    | Monday    |    | Tuesday   |    | Wednesday |    |
| Monday    |    | Tuesday   |    | Wednesday |    | Thursday  |    |
| Tuesday   |    | Wednesday |    | Thursday  |    | Friday    |    |
| Wednesday |    | Thursday  |    | Friday    |    | Saturday  |    |
| Thursday  |    | Friday    |    | Saturday  |    | Sunday    |    |
| Friday    |    | Saturday  |    | Sunday    |    | Monday    |    |
| Saturday  |    | Sunday    |    | Monday    |    | Tuesday   |    |
| Sunday    |    | Monday    |    | Tuesday   |    | Wednesday |    |
| Monday    |    | Tuesday   |    | Wednesday |    | Thursday  |    |
| Tuesday   |    | Wednesday |    | Thursday  |    | Friday    |    |
| Wednesday |    | Thursday  |    | Friday    |    | Saturday  |    |
| Thursday  |    | Friday    |    | Saturday  |    | Sunday    |    |
| Friday    |    | Saturday  |    | Sunday    |    | Monday    |    |
| Saturday  |    | Sunday    |    | Monday    |    | Tuesday   |    |
| Sunday    |    | Monday    |    | Tuesday   |    | Wednesday |    |
| Monday    |    | Tuesday   |    | Wednesday |    | Thursday  |    |
| Tuesday   |    | Wednesday |    | Thursday  |    | Friday    |    |
| Wednesday |    | Thursday  |    | Friday    |    | Saturday  |    |
| Thursday  |    | Friday    |    | Saturday  |    | Sunday    |    |
| Friday    |    | Saturday  |    | Sunday    |    | Monday    |    |
| Saturday  |    | Sunday    |    | Monday    |    | Tuesday   |    |
| Sunday    |    | Monday    |    | Tuesday   |    | Wednesday |    |
| Monday    |    | Tuesday   |    | Wednesday |    | Thursday  |    |
| Tuesday   |    | Wednesday |    | Thursday  |    | Friday    |    |
| Wednesday |    | Thursday  |    | Friday    |    | Saturday  |    |
| Thursday  |    | Friday    |    | Saturday  |    | Sunday    |    |
| Friday    |    | Saturday  |    | Sunday    |    | Monday    |    |
| Saturday  |    | Sunday    |    | Monday    |    | Tuesday   |    |
| Sunday    |    | Monday    |    | Tuesday   |    | Wednesday |    |
| Monday    |    | Tuesday   |    | Wednesday |    | Thursday  |    |
| Tuesday   |    | Wednesday |    | Thursday  |    | Friday    |    |
| Wednesday |    | Thursday  |    | Friday    |    | Saturday  |    |
| Thursday  |    | Friday    |    | Saturday  |    | Sunday    |    |
| Friday    |    | Saturday  |    | Sunday    |    | Monday    |    |
| Saturday  |    | Sunday    |    | Monday    |    | Tuesday   |    |
| Sunday    |    | Monday    |    | Tuesday   |    | Wednesday |    |
| Monday    |    | Tuesday   |    | Wednesday |    | Thursday  |    |
| Tuesday   |    | Wednesday |    | Thursday  |    | Friday    |    |
| Wednesday |    | Thursday  |    | Friday    |    | Saturday  |    |
| Thursday  |    | Friday    |    | Saturday  |    | Sunday    |    |
| Friday    |    | Saturday  |    | Sunday    |    | Monday    |    |
| Saturday  |    | Sunday    |    | Monday    |    | Tuesday   |    |
| Sunday    |    | Monday    |    | Tuesday   |    | Wednesday |    |
| Monday    |    | Tuesday   |    | Wednesday |    | Thursday  |    |
| Tuesday   |    | Wednesday |    | Thursday  |    | Friday    |    |
| Wednesday |    | Thursday  |    | Friday    |    | Saturday  |    |
| Thursday  |    | Friday    |    | Saturday  |    | Sunday    |    |
| Friday    |    | Saturday  |    | Sunday    |    | Monday    |    |
| Saturday  |    | Sunday    |    | Monday    |    | Tuesday   |    |
| Sunday    |    | Monday    |    | Tuesday   |    | Wednesday |    |
| Monday    |    | Tuesday   |    | Wednesday |    | Thursday  |    |
| Tuesday   |    | Wednesday |    |           |    |           |    |

## Ritualistic Calendar.

## COLORS FOR THE ALTAR IN USE IN RITUALISTIC EPISCOPAL CHURCHES IN THE UNITED STATES.

*White.*—From the First Service (First Vespers) of Christmas Day to the Octave of Epiphany, inclusive (except on the Feasts of Martyrs); on Maundy Thursday (for the celebration); from the First Service of Easter Day to the Vigil of Pentecost (except on Feasts of Martyrs and Rogation Days); on Trinity Sunday, Conversion of St. Paul, Purification, Annunciation, St. John Baptist, St. Michael, St. Luke, All Saints, Saints who are not Martyrs, and Patron Saints (Transfiguration and Dedication of Church).

*Red.*—From First Vespers of Pentecost to the First Vespers of Trinity Sunday (which includes Ember Days), Holy Innocents (if on a Sunday), and Feasts of all Martyrs.

*Violet.*—From Septuagesima to Maundy Thursday (Easter Eve); Advent Sunday to Christmas Eve; Vigils, Ember Days (except in Whitsun Week), and Rogation Days; Holy Innocents (unless on Sunday).

*Black.*—Good Friday and at funerals. *Green.*—All other days.

These regulations as to colors are general. A more minute code changing with each year is published in the church almanacs.

MARRIAGES should not be celebrated from Advent Sunday till eight days after Epiphany; Septuagesima till eight days after Easter; Rogation till Trinity Sunday.

## Jewish Calendar, 1900.

| NEW MOON, FASTS, FEASTS, ETC. |    |  |          | NEW MOON, FASTS, FEASTS, ETC. |    |                               |          |
|-------------------------------|----|--|----------|-------------------------------|----|-------------------------------|----------|
| 5660.                         |    | 1900.                                      |          | 5661.                         |    | 1900.                         |          |
| Sebat                         | 1  | New Moon.....                              | Jan. 1   | Tisri                         | 1  | New Moon (New Year).....      | Sept. 24 |
| Adar                          | 1  | ".....                                     | 31       | "                             | 3  | Fast of Guadallah.....        | 26       |
| "                             | 14 | Purim.....                                 | Feb. 13  | "                             | 10 | " Expiation.....              | Oct. 3   |
| Veadar                        | 1  | New Moon.....                              | March 2  | "                             | 15 | Feast of Tabernacles.....     | 8        |
| Nisan                         | 1  | ".....                                     | 31       | "                             | 22 | " Eighth Day.....             | 15       |
| "                             | 15 | Passover.....                              | April 14 | "                             | 23 | " Rejoicing with the Law..... | 16       |
| Yiar                          | 1  | New Moon.....                              | 30       | Hesvan                        | 1  | New Moon.....                 | 24       |
| "                             | 14 | Second Passover.....                       | May 13   | Kislev                        | 1  | ".....                        | Nov. 23  |
| Sivan                         | 1  | New Moon.....                              | 29       | "                             | 25 | Dedication of the Temple..... | Dec. 17  |
| "                             | 6  | Pentecost.....                             | June 3   | Tebet                         | 1  | New Moon.....                 | 23       |
| Tamuz                         | 1  | New Moon.....                              | 28       | "                             | 10 | Fast of Tebet.....            | 1901. 1  |
| "                             | 17 | Fast of Tamuz.....                         | July 14  | Sebat                         | 1  | New Moon.....                 | 21       |
| Ab                            | 1  | New Moon.....                              | 27       |                               |    |                               |          |
| "                             | 9  | Fast of Ab (Destruction of Jerusalem)..... | Aug. 4   |                               |    |                               |          |
| Elul                          | 1  | New Moon.....                              | 26       |                               |    |                               |          |

The year 5660 is an embolismic common year of 384 days, and the year 5661 is an ordinary perfect year of 355 days.

## Mohammedan Calendar, 1900.

| YEAR.   | Names of Months.              | Month Begins. | YEAR.   | Names of Months.         | Month Begins. |
|---------|-------------------------------|---------------|---------|--------------------------|---------------|
| 1317... | Ramadan (Month of Abstinence) | Jan. 3, 1900  | 1318... | Muharram (New Year)..... | May 1, 1900   |
| "       | ... Schawall.....             | Feb. 2, "     | "       | ... Saphar.....          | June 31, "    |
| "       | ... Dulkanda.....             | Mar. 3, "     | "       | ... Rabia I.....         | June 29, "    |
| "       | ... Dulheggee.....            | April 2, "    | "       | ... II.....              | July 29, "    |
|         |                               |               | "       | ... Jomadhi I.....       | Aug. 27, "    |
|         |                               |               | "       | ... II.....              | Sept. 26, "   |
|         |                               |               | "       | ... Rajab.....           | Oct. 25, "    |
|         |                               |               | "       | ... Shabaan.....         | Nov. 24, "    |
|         |                               |               | "       | ... Ramadan.....         | Dec. 23, "    |

## Greek Church and Russian Calendar, 1900.

A. D. 1900, A. M. 8009.

| NEW STYLE. | Holy Days.                      | Old Style. | NEW STYLE. | Holy Days.                          | Old Style. |
|------------|---------------------------------|------------|------------|-------------------------------------|------------|
| Jan. 13    | Circumcision.....               | Jan. 1     | June 6     | Holy Ghost.....                     | May 25     |
| " 18       | Theophany (Epiphany).....       | " 6        | July 11    | Peter and Paul, Chief Apostles..... | June 29    |
| Feb. 14    | Hypapante (Purification).....   | Feb. 2     | Aug. 13    | First Day of Fast of Theotokos..... | Aug. 1     |
| " 25       | Carnival Sunday.....            | " 13       | " 18       | Transfiguration.....                | " 15       |
| " 28       | Ash Wednesday.....              | " 16       | " 27       | Repose of Theotokos.....            | " 6        |
| March 4    | First Sunday in Lent.....       | " 20       | Sept. 11   | St. Alexander Nevsky*.....          | " 30       |
| April 6    | Annunciation of Theotokos.....  | March 25   | " 20       | Nativity of Theotokos.....          | Sept. 8    |
| " 8        | Palm Sunday.....                | " 27       | " 26       | Exaltation of the Cross.....        | " 14       |
| " 13       | Great Friday (Good Friday)..... | April 1    | Oct. 13    | Patronage of Theotokos.....         | Oct. 1     |
| " 15       | Holy Pasch (Easter).....        | " 3        | Nov. 27    | First Day of Fast of Nativity.....  | Nov. 15    |
| May 5      | St. George.....                 | " 23       | Dec. 3     | Entrance of Theotokos.....          | " 21       |
| " 21       | St. Nicholas.....               | May 9      | " 20       | Conception of Theotokos.....        | Dec. 8     |
| " 24       | Ascension Day.....              | " 12       | 1901.      |                                     |            |
| " 26       | Coronation of the Emperor*..... | " 14       | Jan. 6     | Nativity (Christmas).....           | " 25       |
| June 3     | Pentecost (Whit Sunday).....    | " 22       |            |                                     |            |

\*Peculiar to Russia.

The statement has been published that on and after 1901 the Russian Government will abandon the old or Julian style and adopt the Gregorian. At present Russian dates are twelve days behind those now in universal use—a very serious inconvenience in civil and scientific matters, and one which has caused much annoyance and confusion.

| Day of the Month. | Day of the Week. | Calendar for<br>Boston,<br>New England, N. Y. State,<br>Michigan, Wisconsin,<br>N. and S. Dakota,<br>and Oregon. |              |                 | Calendar for<br>New York City,<br>Connecticut, Pennsyl-<br>vania, Ohio, Indiana,<br>Illinois, Nebraska, and<br>Northern California. |              |                 | Calendar for<br>WASHINGTON,<br>Virginia, Kentucky,<br>Missouri, Kansas, Colorado,<br>Utah, Nevada,<br>and Central California. |              |                 | Calendar for<br>CHARLESTON,<br>Georgia, Alabama,<br>Louisiana, Texas, New<br>Mexico, Arizona,<br>and Southern California. |              |                 |
|-------------------|------------------|--|--------------|-----------------|---|--------------|-----------------|---|--------------|-----------------|---|--------------|-----------------|
|                   |                  | SUN<br>RISKS.  | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISKS.   | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISKS.   | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISKS.   | SUN<br>SETS. | MOON<br>R. & S. |
|                   |                  | H. M.  | H. M.        | H. M.           | H. M.   | H. M.        | H. M.           | H. M.   | H. M.        | H. M.           | H. M.   | H. M.        | H. M.           |
| 1                 | M                | 7 30   | 4 38         | sets.           | 7 25  | 4 44         | sets.           | 7 19  | 4 49         | sets.           | 7 4   | 5 4          | sets.           |
| 2                 | Tu               | 7 30   | 4 39         | 6 18            | 7 25  | 4 45         | 6 21            | 7 19  | 4 50         | 6 25            | 7 4   | 5 5          | 6 37            |
| 3                 | W                | 7 30   | 4 40         | 7 33            | 7 25  | 4 46         | 7 36            | 7 19  | 4 51         | 7 39            | 7 4   | 5 6          | 7 47            |
| 4                 | Th               | 7 30   | 4 41         | 8 49            | 7 25  | 4 47         | 8 50            | 7 19  | 4 52         | 8 52            | 7 4   | 5 7          | 8 56            |
| 5                 | Fr               | 7 30   | 4 42         | 10 4            | 7 25  | 4 48         | 10 4            | 7 19  | 4 53         | 10 4            | 7 4   | 5 8          | 10 5            |
| 6                 | Sa               | 7 30   | 4 43         | 11 16           | 7 25  | 4 49         | 11 15           | 7 19  | 4 54         | 11 14           | 7 4   | 5 8          | 11 10           |
| 7                 | S                | 7 30   | 4 44         | A. M.           | 7 24  | 4 50         | A. M.           | 7 19  | 4 55         | A. M.           | 7 4   | 5 9          | A. M.           |
| 8                 | M                | 7 30   | 4 45         | 12 27           | 7 24  | 4 51         | 12 24           | 7 19  | 4 56         | 12 22           | 7 4   | 5 10         | 12 15           |
| 9                 | Tu               | 7 30   | 4 46         | 1 37            | 7 24  | 4 52         | 1 34            | 7 18  | 4 57         | 1 30            | 7 4   | 5 11         | 1 19            |
| 10                | W                | 7 29   | 4 47         | 2 45            | 7 24  | 4 53         | 2 41            | 7 18  | 4 58         | 2 36            | 7 4   | 5 12         | 2 22            |
| 11                | Th               | 7 29   | 4 48         | 3 50            | 7 23  | 4 54         | 3 45            | 7 18  | 4 58         | 3 39            | 7 4   | 5 13         | 3 23            |
| 12                | Fr               | 7 29   | 4 49         | 4 49            | 7 23  | 4 55         | 4 44            | 7 18  | 4 59         | 4 38            | 7 4   | 5 13         | 4 21            |
| 13                | Sa               | 7 28   | 4 50         | 5 42            | 7 23  | 4 56         | 5 36            | 7 18  | 5 0          | 5 30            | 7 4   | 5 14         | 5 14            |
| 14                | S                | 7 28   | 4 51         | 6 27            | 7 22  | 4 57         | 4 22            | 7 18  | 5 1          | 6 17            | 7 4   | 5 15         | 6 1             |
| 15                | M                | 7 27   | 4 52         | rises.          | 7 22  | 4 58         | rises.          | 7 17  | 5 2          | rises.          | 7 4   | 5 16         | rises.          |
| 16                | Tu               | 7 27   | 4 54         | 6 9             | 7 22  | 4 59         | 6 12            | 7 17  | 5 3          | 6 16            | 7 4   | 5 17         | 6 25            |
| 17                | W                | 7 26   | 4 55         | 7 9             | 7 21  | 5 0          | 7 11            | 7 17  | 5 4          | 7 13            | 7 3   | 5 18         | 7 20            |
| 18                | Th               | 7 26   | 4 56         | 8 9             | 7 21  | 5 1          | 8 10            | 7 16  | 5 5          | 8 11            | 7 3   | 5 19         | 8 14            |
| 19                | Fr               | 7 25   | 4 57         | 9 7             | 7 20  | 5 3          | 9 7             | 7 16  | 5 6          | 9 7             | 7 3   | 5 20         | 9 8             |
| 20                | Sa               | 7 25   | 4 59         | 10 6            | 7 20  | 5 4          | 10 5            | 7 15  | 5 7          | 10 4            | 7 2   | 5 21         | 10 1            |
| 21                | S                | 7 24   | 5 0          | 11 5            | 7 19  | 5 5          | 11 4            | 7 14  | 5 8          | 11 2            | 7 2   | 5 22         | 10 56           |
| 22                | M                | 7 23   | 5 1          | A. M.           | 7 18  | 5 6          | A. M.           | 7 14  | 5 9          | A. M.           | 7 1   | 5 23         | 11 51           |
| 23                | Tu               | 7 22   | 5 2          | 12 6            | 7 17  | 5 8          | 12 3            | 7 13  | 5 10         | 12 0            | 7 1   | 5 24         | A. M.           |
| 24                | W                | 7 21   | 5 3          | 1 8             | 7 16  | 5 9          | 1 4             | 7 12  | 5 12         | 1 0             | 7 0   | 5 25         | 12 48           |
| 25                | Th               | 7 20   | 5 5          | 2 12            | 7 15  | 5 10         | 2 7             | 7 12  | 5 13         | 2 2             | 7 0   | 5 26         | 1 47            |
| 26                | Fr               | 7 20   | 5 6          | 3 15            | 7 14  | 5 11         | 3 9             | 7 11  | 5 14         | 3 3             | 7 0   | 5 27         | 2 47            |
| 27                | Sa               | 7 19   | 5 7          | 4 15            | 7 13  | 5 12         | 4 9             | 7 10  | 5 15         | 4 3             | 6 59  | 5 28         | 3 46            |
| 28                | S                | 7 18   | 5 9          | 5 10            | 7 13  | 5 13         | 5 5             | 7 10  | 5 16         | 4 59            | 6 58  | 5 29         | 4 43            |
| 29                | M                | 7 17   | 5 10         | 5 59            | 7 12  | 5 15         | 5 55            | 7 9   | 5 17         | 5 50            | 6 58  | 5 30         | 5 35            |
| 30                | Tu               | 7 16   | 5 11         | sets.           | 7 12  | 5 16         | sets.           | 7 8   | 5 19         | sets.           | 6 57  | 5 31         | sets.           |
| 31                | W                | 7 15   | 5 13         | 6 24            | 7 11  | 5 17         | 6 26            | 7 7   | 5 20         | 6 28            | 6 56  | 5 32         | 6 34            |

SUN ON MERIDIAN.

| DAY OF MONTH. | DAY OF MONTH. |    |    | DAY OF MONTH. |    |    | DAY OF MONTH. |    |    | DAY OF MONTH. |    |    |    |    |    |    |    |    |    |
|---------------|---------------|----|----|---------------|----|----|---------------|----|----|---------------|----|----|----|----|----|----|----|----|----|
|               | H.            | M. | S. | H.            | M. | S. | H.            | M. | S. | H.            | M. | S. |    |    |    |    |    |    |    |
| 1             | 12            | 3  | 46 | 8             | 12 | 6  | 56            | 14 | 12 | 9             | 17 | 20 | 12 | 11 | 15 | 26 | 12 | 12 | 46 |
| 2             | 12            | 4  | 15 | 9             | 12 | 7  | 21            | 15 | 12 | 9             | 38 | 21 | 12 | 11 | 32 | 27 | 12 | 12 | 58 |
| 3             | 12            | 4  | 43 | 10            | 12 | 7  | 45            | 16 | 12 | 9             | 59 | 22 | 12 | 11 | 48 | 28 | 12 | 13 | 10 |
| 4             | 12            | 5  | 10 | 11            | 12 | 8  | 9             | 17 | 12 | 10            | 19 | 23 | 12 | 12 | 4  | 29 | 12 | 13 | 21 |
| 5             | 12            | 5  | 37 | 12            | 12 | 8  | 32            | 18 | 12 | 10            | 38 | 24 | 12 | 12 | 19 | 30 | 12 | 13 | 31 |
| 6             | 12            | 6  | 4  | 13            | 12 | 8  | 55            | 19 | 12 | 10            | 57 | 25 | 12 | 12 | 33 | 31 | 12 | 13 | 40 |
| 7             | 12            | 6  | 30 |               |    |    |               |    |    |               |    |    |    |    |    |    |    |    |    |

TWILIGHT.

| PLACES.      | Jan. | Begins, A. M. |    | Ends, P. M. |    | Jan. | Begins, A. M. |    | Ends, P. M. |    | Jan. | Begins, A. M. |    | Ends, P. M. |    |
|--------------|------|---------------|----|-------------|----|------|---------------|----|-------------|----|------|---------------|----|-------------|----|
|              |      | H.            | M. | H.          | M. |      | H.            | M. | H.          | M. |      | H.            | M. |             |    |
| Boston ..... | 1    | 5             | 48 | 6           | 19 | 11   | 5             | 48 | 6           | 28 | 21   | 5             | 46 | 6           | 38 |
| New York..   | 1    | 5             | 46 | 6           | 21 | 11   | 5             | 46 | 6           | 30 | 21   | 5             | 44 | 6           | 39 |
| Wash' ton.   | 1    | 5             | 43 | 6           | 24 | 11   | 5             | 44 | 6           | 32 | 21   | 5             | 42 | 6           | 41 |
| Charleston.. | 1    | 5             | 35 | 6           | 33 | 11   | 5             | 36 | 6           | 40 | 21   | 5             | 30 | 6           | 57 |

| Day of the Month. | Day of the Week. | Calendar for<br>BOSTON,<br>New England, N. Y. State,<br>Michigan, Wisconsin,<br>N. and S. Dakota,<br>and Oregon. |              |                 | Calendar for<br>NEW YORK CITY,<br>Connecticut, Pennsyl-<br>vania, Ohio, Indiana,<br>Illinois, Nebraska, and<br>Northern California. |              |                 | Calendar for<br>WASHINGTON,<br>Virginia, Kentucky,<br>Missouri, Kansas, Colorado,<br>Utah, Nevada,<br>and Central California. |              |                 | Calendar for<br>CHARLESTON,<br>Georgia, Alabama,<br>Louisiana, Texas, New<br>Mexico, Arizona,<br>and Southern California. |              |                 |
|-------------------|------------------|--|--------------|-----------------|---|--------------|-----------------|---|--------------|-----------------|---|--------------|-----------------|
|                   |                  | SUN<br>RISES.  | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.   | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.   | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.   | SUN<br>SETS. | MOON<br>R. & S. |
|                   |                  | H. M.  | H. M.        | H. M.           | H. M.   | H. M.        | H. M.           | H. M.   | H. M.        | H. M.           | H. M.   | H. M.        | H. M.           |
| 1                 | Th               | 7 14   | 5 14         | 7 41            | 7 10  | 5 18         | 7 42            | 7 6   | 5 22         | 7 43            | 6 56  | 5 33         | 7 45            |
| 2                 | Fr               | 7 13   | 5 15         | 8 58            | 7 9   | 5 19         | 8 57            | 7 5   | 5 23         | 8 56            | 6 55  | 5 34         | 8 54            |
| 3                 | Sa               | 7 11   | 5 16         | 10 13           | 7 7   | 5 20         | 10 11           | 7 4   | 5 24         | 10 9            | 6 54  | 5 34         | 10 3            |
| 4                 | S                | 7 10   | 5 17         | 11 26           | 7 6   | 5 21         | 11 23           | 7 3   | 5 25         | 11 19           | 6 53  | 5 35         | 11 10           |
| 5                 | M                | 7 9  | 5 18         | A. M.           | 7 5   | 5 22         | A. M.           | 7 2   | 5 26         | A. M.           | 6 52  | 5 36         | A. M.           |
| 6                 | Tu               | 7 8  | 5 19         | 12 36           | 7 4   | 5 23         | 12 32           | 7 1   | 5 27         | 12 27           | 6 51  | 5 37         | 12 15           |
| 7                 | W                | 7 7  | 5 20         | 1 42            | 7 3   | 5 24         | 1 38            | 7 0   | 5 28         | 1 32            | 6 50  | 5 38         | 1 17            |
| 8                 | Th               | 7 6  | 5 22         | 2 43            | 7 2   | 5 25         | 2 38            | 6 59  | 5 29         | 2 33            | 6 49  | 5 39         | 2 17            |
| 9                 | Fr               | 7 5  | 5 23         | 3 38            | 7 1   | 5 26         | 3 33            | 6 58  | 5 30         | 3 27            | 6 48  | 5 40         | 3 10            |
| 10                | Sa               | 7 4  | 5 25         | 4 25            | 7 0   | 5 28         | 4 20            | 6 57  | 5 31         | 4 14            | 6 47  | 5 41         | 3 58            |
| 11                | S                | 7 2  | 5 26         | 5 5             | 6 59  | 5 29         | 5 1             | 6 56  | 5 32         | 4 56            | 6 46  | 5 42         | 4 42            |
| 12                | M                | 7 1  | 5 27         | 5 39            | 6 58  | 5 30         | 5 36            | 6 55  | 5 33         | 5 32            | 6 45  | 5 43         | 5 20            |
| 13                | Tu               | 6 59   | 5 29         | 6 9             | 6 56  | 5 31         | 6 6             | 6 54  | 5 34         | 6 3             | 6 45  | 5 44         | 5 54            |
| 14                | W                | 6 58   | 5 30         | rises.          | 6 55  | 5 33         | rises.          | 6 53  | 5 35         | rises.          | 6 44  | 5 45         | rises.          |
| 15                | Th               | 6 57   | 5 31         | 6 59            | 6 53  | 5 34         | 7 0             | 6 52  | 5 36         | 7 0             | 6 43  | 5 46         | 7 2             |
| 16                | Fr               | 6 56   | 5 33         | 7 58            | 6 52  | 5 36         | 7 57            | 6 51  | 5 38         | 7 57            | 6 42  | 5 47         | 7 55            |
| 17                | Sa               | 6 55   | 5 34         | 8 57            | 6 50  | 5 37         | 8 55            | 6 50  | 5 39         | 8 54            | 6 41  | 5 48         | 8 49            |
| 18                | S                | 6 54   | 5 35         | 9 57            | 6 49  | 5 39         | 9 54            | 6 49  | 5 40         | 9 51            | 6 40  | 5 49         | 9 43            |
| 19                | M                | 6 53   | 5 37         | 10 57           | 6 48  | 5 40         | 10 54           | 6 47  | 5 41         | 10 50           | 6 39  | 5 50         | 10 39           |
| 20                | Tu               | 6 51   | 5 38         | 11 59           | 6 46  | 5 41         | 11 55           | 6 46  | 5 42         | 11 50           | 6 38  | 5 51         | 11 36           |
| 21                | W                | 6 49   | 5 40         | A. M.           | 6 45  | 5 43         | A. M.           | 6 44  | 5 43         | A. M.           | 6 37  | 5 52         | A. M.           |
| 22                | Th               | 6 48   | 5 41         | 1 0             | 6 43  | 5 44         | 12 55           | 6 43  | 5 45         | 12 50           | 6 36  | 5 52         | 12 34           |
| 23                | Fr               | 6 46   | 5 43         | 2 0             | 6 42  | 5 45         | 1 54            | 6 41  | 5 46         | 1 49            | 6 35  | 5 53         | 1 32            |
| 24                | Sa               | 6 44   | 5 45         | 2 55            | 6 40  | 5 47         | 2 50            | 6 40  | 5 47         | 2 45            | 6 34  | 5 54         | 2 28            |
| 25                | S                | 6 42   | 5 46         | 3 47            | 6 39  | 5 48         | 3 42            | 6 38  | 5 49         | 3 36            | 6 33  | 5 55         | 3 20            |
| 26                | M                | 6 41   | 5 47         | 4 31            | 6 38  | 5 49         | 4 27            | 6 37  | 5 50         | 4 22            | 6 32  | 5 55         | 4 10            |
| 27                | Tu               | 6 39   | 5 48         | 5 11            | 6 37  | 5 50         | 5 7             | 6 36  | 5 51         | 5 4             | 6 31  | 5 56         | 4 54            |
| 28                | W                | 6 38   | 5 49         | 5 46            | 6 36  | 5 51         | 5 44            | 6 35  | 5 52         | 5 42            | 6 30  | 5 57         | 5 36            |
| .....             |                  |  |              |                 |   |              |                 |   |              |                 |   |              |                 |
| .....             |                  |  |              |                 |   |              |                 |   |              |                 |   |              |                 |
| .....             |                  |  |              |                 |   |              |                 |   |              |                 |   |              |                 |

SUN ON MERIDIAN.

| DAY OF MONTH. | DAY OF MONTH. |    |    | DAY OF MONTH. | DAY OF MONTH. |    |    | DAY OF MONTH. | DAY OF MONTH. |    |    | DAY OF MONTH. | DAY OF MONTH. |    |    |    |    |    |    |
|---------------|---------------|----|----|---------------|---------------|----|----|---------------|---------------|----|----|---------------|---------------|----|----|----|----|----|----|
|               | H.            | M. | S. |               | H.            | M. | S. |               | H.            | M. | S. |               | H.            | M. | S. |    |    |    |    |
| 1             | 12            | 13 | 49 | 7             | 12            | 14 | 22 | 13            | 12            | 14 | 25 | 19            | 12            | 14 | 2  | 24 | 12 | 13 | 24 |
| 2             | 12            | 13 | 56 | 8             | 12            | 14 | 24 | 14            | 12            | 14 | 23 | 20            | 12            | 13 | 56 | 25 | 12 | 13 | 15 |
| 3             | 12            | 14 | 3  | 9             | 12            | 14 | 26 | 15            | 12            | 14 | 20 | 21            | 12            | 13 | 49 | 26 | 12 | 13 | 5  |
| 4             | 12            | 14 | 9  | 10            | 12            | 14 | 27 | 16            | 12            | 14 | 17 | 22            | 12            | 13 | 41 | 27 | 12 | 12 | 55 |
| 5             | 12            | 14 | 14 | 11            | 12            | 14 | 27 | 17            | 12            | 14 | 13 | 23            | 12            | 13 | 33 | 28 | 12 | 12 | 44 |
| 6             | 12            | 14 | 18 | 12            | 12            | 14 | 27 | 18            | 12            | 14 | 8  |               |               |    |    |    |    |    |    |

TWILIGHT.

| PLACES.     | Feb. | Begins, A. M. |    | Ends, P. M. | Feb. | Begins, A. M. |    | Ends, P. M. | Feb. | Begins, A. M. |    | Ends, P. M. |
|-------------|------|---------------|----|-------------|------|---------------|----|-------------|------|---------------|----|-------------|
|             |      | H.            | M. | H.          |      | M.            | H. | M.          |      | H.            | M. |             |
| Boston..... | 1    | 5             | 37 | 6 50        | 11   | 5             | 27 | 7 1         | 21   | 5             | 14 | 7 13        |
| New York.   | 1    | 5             | 36 | 6 51        | 11   | 5             | 27 | 7 1         | 21   | 5             | 15 | 7 13        |
| Wash'ton.   | 1    | 5             | 35 | 6 52        | 11   | 5             | 26 | 7 2         | 21   | 5             | 15 | 7 13        |
| Charleston  | 1    | 5             | 30 | 6 57        | 11   | 5             | 24 | 7 5         | 21   | 5             | 15 | 7 13        |

| Day of the Month. | Day of the Week. | Calendar for<br>Boston,<br>New England, N. Y. State,<br>Michigan, Wisconsin,<br>N. and S. Dakota,<br>and Oregon. |              |                 | Calendar for<br>New York City,<br>Connecticut, Pennsyl-<br>vania, Ohio, Indiana,<br>Illinois, Nebraska, and<br>Northern California. |              |                 | Calendar for<br>Washington,<br>Virginia, Kentucky,<br>Missouri, Kansas, Colorado,<br>Utah, Nevada,<br>and Central California. |              |                 | Calendar for<br>Charleston,<br>Georgia, Alabama,<br>Louisiana, Texas, New<br>Mexico, Arizona,<br>and Southern California. |              |                 |
|-------------------|------------------|--|--------------|-----------------|---|--------------|-----------------|---|--------------|-----------------|---|--------------|-----------------|
|                   |                  | SUN<br>RISES.  | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.   | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.   | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.   | SUN<br>SETS. | MOON<br>R. & S. |
|                   |                  | H. M.  | H. M.        | H. M.           | H. M.   | H. M.        | H. M.           | H. M.   | H. M.        | H. M.           | H. M.   | H. M.        | H. M.           |
| 1                 | Th               | 6 37   | 5 50         | sets.           | 6 35  | 5 52         | sets.           | 6 34  | 5 53         | sets.           | 6 29  | 5 58         | sets.           |
| 2                 | Fr               | 6 36   | 5 51         | 7 47            | 6 34  | 5 53         | 7 46            | 6 33  | 5 54         | 7 44            | 6 28  | 5 58         | 7 40            |
| 3                 | Sa               | 6 35   | 5 52         | 9 3             | 6 33  | 5 54         | 9 1             | 6 32  | 5 55         | 8 58            | 6 27  | 5 59         | 8 51            |
| 4                 | S                | 6 34   | 5 53         | 10 18           | 6 31  | 5 55         | 10 12           | 6 30  | 5 56         | 10 11           | 6 26  | 6 0          | 10 9            |
| 5                 | M                | 6 32   | 5 54         | 11 29           | 6 30  | 5 56         | 11 24           | 6 29  | 5 57         | 11 19           | 6 25  | 6 1          | 11 5            |
| 6                 | Tu               | 6 30   | 5 55         | A. M.           | 6 29  | 5 57         | A. M.           | 6 27  | 5 58         | A. M.           | 6 23  | 6 2          | A. M.           |
| 7                 | W                | 6 29   | 5 56         | 12 34           | 6 27  | 5 58         | 12 29           | 6 26  | 5 59         | 12 24           | 6 22  | 6 3          | 12 8            |
| 8                 | Th               | 6 27   | 5 57         | 1 32            | 6 25  | 5 59         | 1 26            | 6 24  | 6 0          | 1 21            | 6 21  | 6 4          | 1 4             |
| 9                 | Fr               | 6 25   | 5 58         | 2 22            | 6 24  | 6 0          | 2 17            | 6 23  | 6 1          | 2 11            | 6 20  | 6 5          | 1 55            |
| 10                | Sa               | 6 23   | 5 59         | 3 4             | 6 22  | 6 1          | 3 0             | 6 21  | 6 2          | 2 55            | 6 18  | 6 5          | 2 40            |
| 11                | S                | 6 21   | 6 0          | 3 40            | 6 21  | 6 2          | 3 36            | 6 20  | 6 3          | 3 32            | 6 16  | 6 6          | 3 20            |
| 12                | M                | 6 19   | 6 1          | 4 12            | 6 19  | 6 3          | 4 9             | 6 18  | 6 4          | 4 5             | 6 15  | 6 7          | 3 56            |
| 13                | Tu               | 6 18   | 6 3          | 4 40            | 6 17  | 6 4          | 4 37            | 6 17  | 6 5          | 4 35            | 6 12  | 6 8          | 4 28            |
| 14                | W                | 6 16   | 6 4          | 5 5             | 6 15  | 6 5          | 5 3             | 6 15  | 6 5          | 5 2             | 6 11  | 6 9          | 4 58            |
| 15                | Th               | 6 15   | 6 5          | rises.          | 6 14  | 6 6          | rises.          | 6 14  | 6 6          | rises.          | 6 10  | 6 10         | rises.          |
| 16                | Fr               | 6 13   | 6 6          | 6 50            | 6 12  | 6 7          | 6 48            | 6 12  | 6 7          | 6 47            | 6 8   | 6 10         | 6 43            |
| 17                | Sa               | 6 11   | 6 7          | 7 49            | 6 11  | 6 8          | 7 47            | 6 11  | 6 8          | 7 45            | 6 7   | 6 11         | 7 38            |
| 18                | S                | 6 9  | 6 8          | 8 51            | 6 9   | 6 9          | 8 47            | 6 9   | 6 9          | 8 44            | 6 6   | 6 11         | 8 34            |
| 19                | M                | 6 8  | 6 9          | 9 51            | 6 8   | 6 10         | 9 47            | 6 8   | 6 10         | 9 43            | 6 4   | 6 12         | 9 30            |
| 20                | Tu               | 6 6  | 6 10         | 10 52           | 6 6   | 6 11         | 10 47           | 6 6   | 6 11         | 10 42           | 6 3   | 6 12         | 10 27           |
| 21                | W                | 6 4  | 6 11         | 11 51           | 6 4   | 6 12         | 11 46           | 6 4   | 6 12         | 11 40           | 6 2   | 6 13         | 11 24           |
| 22                | Th               | 6 2  | 6 12         | A. M.           | 6 2   | 6 13         | A. M.           | 6 2   | 6 13         | A. M.           | 6 1   | 6 13         | A. M.           |
| 23                | Fr               | 6 1  | 6 13         | 12 47           | 6 1   | 6 14         | 12 42           | 6 1   | 6 14         | 12 36           | 6 0   | 6 14         | 12 19           |
| 24                | Sa               | 5 59   | 6 14         | 1 39            | 5 59  | 6 15         | 1 33            | 5 59  | 6 15         | 1 28            | 5 59  | 6 15         | 1 12            |
| 25                | S                | 5 57   | 6 15         | 2 23            | 5 58  | 6 16         | 2 19            | 5 58  | 6 16         | 2 14            | 5 58  | 6 15         | 2 0             |
| 26                | M                | 5 55   | 6 16         | 3 4             | 5 56  | 6 17         | 3 0             | 5 56  | 6 17         | 2 57            | 5 57  | 6 16         | 2 45            |
| 27                | Tu               | 5 54   | 6 18         | 3 40            | 5 54  | 6 18         | 3 37            | 5 55  | 6 18         | 3 35            | 5 56  | 6 17         | 3 27            |
| 28                | W                | 5 52   | 6 19         | 4 13            | 5 52  | 6 19         | 4 11            | 5 53  | 6 19         | 4 10            | 5 55  | 6 17         | 4 6             |
| 29                | Th               | 5 50   | 6 21         | 4 45            | 5 51  | 6 20         | 4 45            | 5 52  | 6 20         | 4 45            | 5 54  | 6 18         | 4 44            |
| 30                | Fr               | 5 48   | 6 22         | sets.           | 5 49  | 6 21         | sets.           | 5 50  | 6 21         | sets.           | 5 52  | 6 18         | sets.           |
| 31                | Sa               | 5 47   | 6 23         | 7 49            | 5 48  | 6 22         | 7 46            | 5 49  | 6 22         | 7 43            | 5 51  | 6 19         | 7 34            |

SUN ON MERIDIAN.

| DAY OF MONTH. | DAY OF MONTH. |    |    | DAY OF MONTH. | DAY OF MONTH. |    |    | DAY OF MONTH. | DAY OF MONTH. |    |    |    |    |   |    |    |    |   |    |
|---------------|---------------|----|----|---------------|---------------|----|----|---------------|---------------|----|----|----|----|---|----|----|----|---|----|
|               | H.            | M. | S. |               | H.            | M. | S. |               | H.            | M. | S. |    |    |   |    |    |    |   |    |
| 1             | 12            | 12 | 32 | 8             | 12            | 10 | 58 | 14            | 12            | 9  | 22 | 20 | 12 | 7 | 37 | 26 | 12 | 5 | 47 |
| 2             | 12            | 12 | 20 | 9             | 12            | 10 | 43 | 15            | 12            | 9  | 5  | 21 | 12 | 7 | 19 | 27 | 12 | 5 | 29 |
| 3             | 12            | 12 | 8  | 10            | 12            | 10 | 28 | 16            | 12            | 8  | 48 | 22 | 12 | 7 | 1  | 28 | 12 | 5 | 11 |
| 4             | 12            | 11 | 55 | 11            | 12            | 10 | 12 | 17            | 12            | 8  | 31 | 23 | 12 | 6 | 43 | 29 | 12 | 4 | 53 |
| 5             | 12            | 11 | 41 | 12            | 12            | 9  | 56 | 18            | 12            | 8  | 13 | 24 | 12 | 6 | 24 | 30 | 12 | 4 | 34 |
| 6             | 12            | 11 | 27 | 13            | 12            | 9  | 39 | 19            | 12            | 7  | 55 | 25 | 12 | 6 | 6  | 31 | 12 | 4 | 16 |
| 7             | 12            | 11 | 13 |               |               |    |    |               |               |    |    |    |    |   |    |    |    |   |    |

TWILIGHT.

| PLACES.     | Mar. | Begins, A. M. |    | Ends, P. M. |    | Mar. | Begins, A. M. |    | Ends, P. M. |    |    |   |    |   |    |
|-------------|------|---------------|----|-------------|----|------|---------------|----|-------------|----|----|---|----|---|----|
|             |      | H.            | M. | H.          | M. |      | H.            | M. | H.          | M. |    |   |    |   |    |
| Boston..... | 1    | 5             | 2  | 7           | 23 | 11   | 4             | 45 | 7           | 35 | 21 | 4 | 27 | 7 | 47 |
| New York    | 1    | 5             | 3  | 7           | 22 | 11   | 4             | 47 | 7           | 33 | 21 | 4 | 30 | 7 | 45 |
| Wash' ton.  | 1    | 5             | 4  | 7           | 21 | 11   | 4             | 49 | 7           | 31 | 21 | 4 | 33 | 7 | 42 |
| Charleston  | 1    | 5             | 6  | 7           | 19 | 11   | 4             | 53 | 7           | 27 | 21 | 4 | 40 | 7 | 35 |

| Day of the Month. | Day of the Week. | Calendar for<br>Boston,<br>New England, N. Y. State,<br>Michigan, Wisconsin,<br>N. and S. Dakota,<br>and Oregon. |              |                 | Calendar for<br>New York City,<br>Connecticut, Pennsyl-<br>vania, Ohio, Indiana,<br>Illinois, Nebraska, and<br>Northern California. |              |                 | Calendar for<br>Washington,<br>Virginia, Kentucky,<br>Missouri, Kansas, Colorado,<br>Utah, Nevada,<br>and Central California. |              |                 | Calendar for<br>Charleston,<br>Georgia, Alabama,<br>Louisiana, Texas, New<br>Mexico, Arizona,<br>and Southern California. |              |                 |
|-------------------|------------------|--|--------------|-----------------|---|--------------|-----------------|---|--------------|-----------------|---|--------------|-----------------|
|                   |                  | SUN<br>RISES.  | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.   | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.   | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.   | SUN<br>SETS. | MOON<br>R. & S. |
|                   |                  | H. M.  | H. M.        | H. M.           | H. M.   | H. M.        | H. M.           | H. M.   | H. M.        | H. M.           | H. M.   | H. M.        | H. M.           |
| 1                 | S                | 5 45   | 6 24         | 9 5             | 5 46  | 6 23         | 9 2             | 5 47  | 6 22         | 8 57            | 5 50  | 6 19         | 8 45            |
| 2                 | M                | 5 44   | 6 25         | 10 16           | 5 45  | 6 24         | 10 11           | 5 46  | 6 23         | 10 6            | 5 49  | 6 20         | 9 50            |
| 3                 | Tu               | 5 42   | 6 26         | 11 19           | 5 43  | 6 25         | 11 14           | 5 44  | 6 24         | 11 9            | 5 47  | 6 21         | 10 52           |
| 4                 | W                | 5 40   | 6 27         | A. M.           | 5 41  | 6 26         | A. M.           | 5 42  | 6 25         | A. M.           | 5 46  | 6 21         | 11 47           |
| 5                 | Th               | 5 38   | 6 29         | 12 14           | 5 39  | 6 27         | 12 9            | 5 40  | 6 26         | 12 3            | 5 44  | 6 22         | A. M.           |
| 6                 | Fr               | 5 36   | 6 30         | 1 1             | 5 38  | 6 28         | 12 56           | 5 39  | 6 27         | 12 51           | 5 43  | 6 23         | 12 36           |
| 7                 | Sa               | 5 34   | 6 31         | 1 40            | 5 36  | 6 29         | 1 46            | 5 37  | 6 28         | 1 31            | 5 42  | 6 23         | 1 18            |
| 8                 | S                | 5 33   | 6 32         | 2 13            | 5 35  | 6 30         | 2 10            | 5 36  | 6 29         | 2 6             | 5 41  | 6 24         | 1 56            |
| 9                 | M                | 5 32   | 6 33         | 2 42            | 5 33  | 6 32         | 2 40            | 5 34  | 6 30         | 2 37            | 5 39  | 6 25         | 2 29            |
| 10                | Tu               | 5 30   | 6 34         | 3 8             | 5 31  | 6 33         | 3 6             | 5 33  | 6 31         | 3 5             | 5 38  | 6 26         | 3 0             |
| 11                | W                | 5 28   | 6 36         | 3 33            | 5 29  | 6 34         | 3 32            | 5 31  | 6 32         | 3 32            | 5 37  | 6 26         | 3 30            |
| 12                | Th               | 5 26   | 6 37         | 3 56            | 5 28  | 6 35         | 3 57            | 5 30  | 6 33         | 3 57            | 5 36  | 6 27         | 3 58            |
| 13                | Fr               | 5 24   | 6 38         | 4 21            | 5 26  | 6 36         | 4 22            | 5 28  | 6 34         | 4 23            | 5 34  | 6 28         | 4 59            |
| 14                | Sa               | 5 23   | 6 39         | 4 47            | 5 25  | 6 37         | 4 49            | 5 27  | 6 35         | 4 51            | 5 33  | 6 28         | 4 58            |
| 15                | S                | 5 21   | 6 40         | rises.          | 5 24  | 6 38         | rises.          | 5 25  | 6 36         | rises.          | 5 32  | 6 29         | rises.          |
| 16                | M                | 5 20   | 6 41         | 8 44            | 5 22  | 6 39         | 8 40            | 5 24  | 6 37         | 8 35            | 5 31  | 6 30         | 8 21            |
| 17                | Tu               | 5 18   | 6 42         | 9 46            | 5 21  | 6 40         | 9 40            | 5 22  | 6 38         | 9 35            | 5 29  | 6 30         | 9 19            |
| 18                | W                | 5 16   | 6 43         | 10 43           | 5 19  | 6 41         | 10 37           | 5 21  | 6 39         | 10 33           | 5 28  | 6 31         | 10 15           |
| 19                | Th               | 5 15   | 6 44         | 11 35           | 5 17  | 6 42         | 11 29           | 5 19  | 6 40         | 11 24           | 5 27  | 6 32         | 11 8            |
| 20                | Fr               | 5 13   | 6 45         | A. M.           | 5 16  | 6 43         | A. M.           | 5 18  | 6 41         | A. M.           | 5 26  | 6 33         | 11 56           |
| 21                | Sa               | 5 12   | 6 47         | 12 21           | 5 14  | 6 44         | 12 16           | 5 17  | 6 42         | 12 11           | 5 25  | 6 33         | A. M.           |
| 22                | S                | 5 10   | 6 48         | 1 2             | 5 13  | 6 45         | 12 58           | 5 16  | 6 43         | 12 54           | 5 24  | 6 34         | 12 42           |
| 23                | M                | 5 8  | 6 49         | 1 38            | 5 11  | 6 46         | 1 35            | 5 14  | 6 44         | 1 32            | 5 23  | 6 35         | 1 23            |
| 24                | Tu               | 5 7  | 6 50         | 2 11            | 5 10  | 6 47         | 2 9             | 5 13  | 6 45         | 2 7             | 5 22  | 6 36         | 2 1             |
| 25                | W                | 5 6  | 6 51         | 2 42            | 5 8   | 6 48         | 2 41            | 5 11  | 6 46         | 2 41            | 5 20  | 6 36         | 2 39            |
| 26                | Th               | 5 4  | 6 52         | 3 13            | 5 7   | 6 49         | 3 13            | 5 10  | 6 47         | 3 14            | 5 19  | 6 37         | 3 16            |
| 27                | Fr               | 5 2  | 6 53         | 3 45            | 5 5   | 6 50         | 3 47            | 5 9   | 6 48         | 3 49            | 5 18  | 6 37         | 3 54            |
| 28                | Sa               | 5 1  | 6 54         | 4 20            | 5 4   | 6 51         | 4 23            | 5 8   | 6 49         | 4 26            | 5 17  | 6 38         | 4 35            |
| 29                | S                | 5 0  | 6 56         | sets.           | 5 3   | 6 52         | sets.           | 5 6   | 6 49         | sets.           | 5 16  | 6 39         | sets.           |
| 30                | M                | 4 59   | 6 57         | 8 59            | 5 2   | 6 53         | 8 54            | 5 5   | 6 50         | 8 49            | 5 15  | 6 41         | 8 33            |

SUN ON MERIDIAN.

| DAY OF MONTH. | H. | M. | S. | DAY OF MONTH. | H. | M. | S. | DAY OF MONTH. | H. | M. | S. | DAY OF MONTH. | H. | M. | S. | DAY OF MONTH. | H. | M. | S. |
|---------------|----|----|----|---------------|----|----|----|---------------|----|----|----|---------------|----|----|----|---------------|----|----|----|
| 1             | 12 | 3  | 58 | 7             | 12 | 2  | 12 | 13            | 12 | 0  | 34 | 19            | 11 | 59 | 7  | 25            | 11 | 57 | 55 |
| 2             | 12 | 3  | 40 | 8             | 12 | 1  | 55 | 14            | 12 | 0  | 19 | 20            | 11 | 58 | 54 | 26            | 11 | 57 | 45 |
| 3             | 12 | 3  | 22 | 9             | 12 | 1  | 39 | 15            | 12 | 0  | 4  | 21            | 11 | 58 | 41 | 27            | 11 | 57 | 35 |
| 4             | 12 | 3  | 5  | 10            | 12 | 1  | 22 | 16            | 11 | 59 | 49 | 22            | 11 | 58 | 29 | 28            | 11 | 57 | 26 |
| 5             | 12 | 2  | 47 | 11            | 12 | 1  | 6  | 17            | 11 | 59 | 35 | 23            | 11 | 58 | 17 | 29            | 11 | 57 | 17 |
| 6             | 12 | 2  | 30 | 12            | 12 | 0  | 50 | 18            | 11 | 59 | 21 | 24            | 11 | 58 | 6  | 30            | 11 | 57 | 9  |

TWILIGHT.

| PLACES.      | Apr. | Begins, A. M. |    | Ends, P. M. |    | Apr. | Begins, A. M. |    | Ends, P. M. |    | Apr. | Begins, A. M. |    | Ends, P. M. |    |
|--------------|------|---------------|----|-------------|----|------|---------------|----|-------------|----|------|---------------|----|-------------|----|
|              |      | H.            | M. | H.          | M. |      | H.            | M. | H.          | M. |      | H.            | M. | H.          | M. |
| Boston ..... | 1    | 4             | 6  | 8           | 2  | 11   | 3             | 36 | 8           | 16 | 21   | 3             | 25 | 8           | 32 |
| New York.    | 1    | 4             | 10 | 7           | 58 | 11   | 3             | 50 | 8           | 12 | 21   | 3             | 31 | 8           | 26 |
| Wash' ton.   | 1    | 4             | 14 | 7           | 54 | 11   | 3             | 56 | 8           | 7  | 21   | 3             | 37 | 8           | 20 |
| Charleston   | 1    | 4             | 24 | 7           | 43 | 11   | 4             | 10 | 7           | 52 | 21   | 3             | 55 | 8           | 2  |

| Day of the Month. | Day of the Week. | Calendar for<br>Boston,<br>New England, N. Y. State,<br>Michigan, Wisconsin,<br>N. and S. Dakota,<br>and Oregon. |              |                 | Calendar for<br>New York City,<br>Connecticut, Pennsyl-<br>vania, Ohio, Indiana,<br>Illinois, Nebraska, and<br>Northern California. |              |                 | Calendar for<br>Washington,<br>Virginia, Kentucky,<br>Missouri, Kansas, Colorado,<br>Utah, Nevada,<br>and Central California. |              |                 | Calendar for<br>Charleston,<br>Georgia, Alabama,<br>Louisiana, Texas, New<br>Mexico, Arizona,<br>and Southern California. |              |                 |
|-------------------|------------------|--|--------------|-----------------|---|--------------|-----------------|---|--------------|-----------------|---|--------------|-----------------|
|                   |                  | SUN<br>RISES.  | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.   | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.   | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.   | SUN<br>SETS. | MOON<br>R. & S. |
|                   |                  | H. M.  | H. M.        | H. M.           | H. M.   | H. M.        | H. M.           | H. M.   | H. M.        | H. M.           | H. M.   | H. M.        | H. M.           |
| 1                 | Tu               | 4 57   | 6 58         | 10 1            | 5 0   | 6 54         | 9 56            | 5 4   | 6 51         | 9 50            | 5 14  | 6 42         | 9 34            |
| 2                 | W                | 4 56   | 6 59         | 10 52           | 4 59  | 6 55         | 10 48           | 5 3   | 6 52         | 10 42           | 5 13  | 6 42         | 10 26           |
| 3                 | Th               | 4 54   | 7 0          | 11 35           | 4 58  | 6 57         | 11 31           | 5 1   | 6 53         | 11 26           | 5 12  | 6 43         | 11 12           |
| 4                 | Fr               | 4 53   | 7 1          | A. M.           | 4 57  | 6 58         | A. M.           | 5 0   | 6 54         | A. M.           | 5 11  | 6 44         | A. M.           |
| 5                 | Sa               | 4 51   | 7 2          | 12 12           | 4 55  | 6 59         | 12 4            | 4 59  | 6 55         | 12 4            | 5 10  | 6 44         | 11 52           |
| 6                 | S                | 4 50   | 7 3          | 12 43           | 4 54  | 7 0          | 12 40           | 4 58  | 6 56         | 12 37           | 5 9   | 6 45         | 12 28           |
| 7                 | M                | 4 49   | 7 4          | 1 10            | 4 53  | 7 1          | 1 8             | 4 57  | 6 57         | 1 6             | 5 8   | 6 45         | 1 0             |
| 8                 | Tu               | 4 48   | 7 5          | 1 36            | 4 52  | 7 2          | 1 34            | 4 56  | 6 58         | 1 33            | 5 8   | 6 46         | 1 30            |
| 9                 | W                | 4 46   | 7 6          | 1 59            | 4 50  | 7 3          | 1 59            | 4 55  | 6 59         | 1 59            | 5 7   | 6 47         | 1 59            |
| 10                | Th               | 4 45   | 7 7          | 2 23            | 4 49  | 7 4          | 2 24            | 4 54  | 7 0          | 2 25            | 5 6   | 6 47         | 2 28            |
| 11                | Fr               | 4 44   | 7 9          | 2 49            | 4 48  | 7 5          | 2 51            | 4 53  | 7 1          | 2 53            | 5 5   | 6 48         | 2 59            |
| 12                | Sa               | 4 43   | 7 10         | 3 16            | 4 47  | 7 6          | 3 19            | 4 52  | 7 1          | 3 22            | 5 4   | 6 48         | 3 32            |
| 13                | S                | 4 42   | 7 11         | 3 48            | 4 46  | 7 7          | 3 52            | 4 51  | 7 2          | 3 55            | 5 3   | 6 49         | 4 7             |
| 14                | M                | 4 41   | 7 12         | rises.          | 4 45  | 7 8          | rises.          | 4 50  | 7 3          | rises.          | 5 2   | 6 50         | rises.          |
| 15                | Tu               | 4 40   | 7 13         | 8 37            | 4 44  | 7 9          | 8 31            | 4 49  | 7 4          | 8 26            | 5 1   | 6 51         | 8 9             |
| 16                | W                | 4 39   | 7 14         | 9 31            | 4 43  | 7 10         | 9 26            | 4 48  | 7 5          | 9 20            | 5 0   | 6 51         | 9 4             |
| 17                | Th               | 4 38   | 7 15         | 10 20           | 4 42  | 7 11         | 10 15           | 4 47  | 7 6          | 10 10           | 5 0   | 6 52         | 9 54            |
| 18                | Fr               | 4 37   | 7 16         | 11 2            | 4 41  | 7 12         | 10 58           | 4 46  | 7 7          | 10 54           | 4 59  | 6 53         | 10 41           |
| 19                | Sa               | 4 36   | 7 17         | 11 40           | 4 40  | 7 13         | 11 36           | 4 45  | 7 8          | 11 33           | 4 58  | 6 54         | 11 23           |
| 20                | S                | 4 35   | 7 18         | A. M.           | 4 40  | 7 14         | A. M.           | 4 44  | 7 9          | A. M.           | 4 58  | 6 54         | A. M.           |
| 21                | M                | 4 34   | 7 19         | 12 13           | 4 39  | 7 14         | 12 11           | 4 43  | 7 9          | 12 9            | 4 57  | 6 55         | 12 2            |
| 22                | Tu               | 4 33   | 7 20         | 12 44           | 4 38  | 7 15         | 12 43           | 4 43  | 7 10         | 12 42           | 4 57  | 6 56         | 12 30           |
| 23                | W                | 4 32   | 7 21         | 1 13            | 4 37  | 7 16         | 1 14            | 4 42  | 7 11         | 1 14            | 4 56  | 6 56         | 1 14            |
| 24                | Th               | 4 31   | 7 22         | 1 44            | 4 36  | 7 17         | 1 45            | 4 41  | 7 12         | 1 47            | 4 56  | 6 57         | 1 51            |
| 25                | Fr               | 4 30   | 7 23         | 2 16            | 4 35  | 7 18         | 2 19            | 4 40  | 7 13         | 2 22            | 4 56  | 6 58         | 2 29            |
| 26                | Sa               | 4 30   | 7 24         | 2 53            | 4 35  | 7 19         | 2 56            | 4 40  | 7 14         | 3 0             | 4 55  | 6 58         | 3 11            |
| 27                | S                | 4 29   | 7 25         | 3 35            | 4 34  | 7 20         | 3 39            | 4 39  | 7 15         | 3 44            | 4 55  | 6 59         | 3 57            |
| 28                | M                | 4 29   | 7 26         | sets.           | 4 34  | 7 21         | sets.           | 4 39  | 7 15         | sets.           | 4 54  | 7 0          | sets.           |
| 29                | Tu               | 4 28   | 7 26         | 8 41            | 4 33  | 7 21         | 8 36            | 4 38  | 7 16         | 8 30            | 4 54  | 7 0          | 8 14            |
| 30                | W                | 4 27   | 7 27         | 9 29            | 4 33  | 7 22         | 9 24            | 4 38  | 7 17         | 9 19            | 4 54  | 7 1          | 9 4             |
| 31                | Th               | 4 27   | 7 28         | 10 8            | 4 32  | 7 23         | 10 4            | 4 37  | 7 18         | 10 0            | 4 53  | 7 1          | 9 47            |

SUN ON MERIDIAN.

| DAY OF MONTH. | DAY OF MONTH. |    |    | DAY OF MONTH. |    |    | DAY OF MONTH. |    |    | DAY OF MONTH. |    |    |    |    |    |    |    |    |    |
|---------------|---------------|----|----|---------------|----|----|---------------|----|----|---------------|----|----|----|----|----|----|----|----|----|
|               | H.            | M. | S. | H.            | M. | S. | H.            | M. | S. | H.            | M. | S. |    |    |    |    |    |    |    |
| 1             | 11            | 57 | 1  | 8             | 11 | 56 | 22            | 14 | 11 | 56            | 11 | 20 | 11 | 56 | 19 | 26 | 11 | 56 | 48 |
| 2             | 11            | 56 | 54 | 9             | 11 | 56 | 19            | 15 | 11 | 56            | 11 | 21 | 11 | 56 | 23 | 27 | 11 | 56 | 55 |
| 3             | 11            | 56 | 47 | 10            | 11 | 56 | 16            | 16 | 11 | 56            | 11 | 22 | 11 | 56 | 27 | 28 | 11 | 57 | 2  |
| 4             | 11            | 56 | 41 | 11            | 11 | 56 | 14            | 17 | 11 | 56            | 12 | 23 | 11 | 56 | 31 | 29 | 11 | 57 | 10 |
| 5             | 11            | 56 | 36 | 12            | 11 | 56 | 12            | 18 | 11 | 56            | 14 | 24 | 11 | 56 | 36 | 30 | 11 | 57 | 18 |
| 6             | 11            | 56 | 31 | 13            | 11 | 56 | 11            | 19 | 11 | 56            | 17 | 25 | 11 | 56 | 42 | 31 | 11 | 57 | 26 |
| 7             | 11            | 56 | 26 |               |    |    |               |    |    |               |    |    |    |    |    |    |    |    |    |

TWILIGHT.

| PLACES.     | May. | Begins, A. M. |    | Ends, P. M. |    | May. | Begins, A. M. |    | Ends, P. M. |    | May. | Begins, A. M. |    | Ends, P. M. |    |
|-------------|------|---------------|----|-------------|----|------|---------------|----|-------------|----|------|---------------|----|-------------|----|
|             |      | H.            | M. | H.          | M. |      | H.            | M. | H.          | M. |      | H.            | M. | H.          | M. |
| Boston. ... | 1    | 3             | 6  | 8           | 48 | 11   | 2             | 47 | 9           | 6  | 21   | 2             | 31 | 9           | 22 |
| New York.   | 1    | 3             | 13 | 8           | 40 | 11   | 2             | 56 | 8           | 56 | 21   | 2             | 42 | 9           | 11 |
| Wash'ton.   | 1    | 3             | 21 | 8           | 33 | 11   | 3             | 5  | 8           | 47 | 21   | 2             | 52 | 9           | 0  |
| Charleston  | 1    | 3             | 42 | 8           | 21 | 11   | 3             | 30 | 8           | 22 | 21   | 3             | 21 | 8           | 32 |

| Day of the Month. | Day of the Week. | Calendar for<br>BOSTON,<br>New England, N. Y. State,<br>Michigan, Wisconsin,<br>N. and S. Dakota,<br>and Oregon. |              |                 | Calendar for<br>NEW YORK CITY,<br>Connecticut, Pennsylv-<br>ania, Ohio, Indiana,<br>Illinois, Nebraska, and<br>Northern California. |              |                 | Calendar for<br>WASHINGTON,<br>Virginia, Kentucky,<br>Missouri, Kansas, Colorado,<br>Utah, Nevada,<br>and Central California. |              |                 | Calendar for<br>CHARLESTON,<br>Georgia, Alabama,<br>Louisiana, Texas, New<br>Mexico, Arizona,<br>and Southern California. |              |                 |
|-------------------|------------------|--|--------------|-----------------|---|--------------|-----------------|---|--------------|-----------------|---|--------------|-----------------|
|                   |                  | SUN<br>RISES.  | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.   | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.   | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.   | SUN<br>SETS. | MOON<br>R. & S. |
|                   |                  | H. M.  | H. M.        | H. M.           | H. M.   | H. M.        | H. M.           | H. M.   | H. M.        | H. M.           | H. M.   | H. M.        | H. M.           |
| 1                 | Fr               | 4 26   | 7 29         | 10 42           | 4 32  | 7 24         | 10 39           | 4 37  | 7 19         | 10 35           | 4 53  | 7 2          | 10 25           |
| 2                 | Sa               | 4 26   | 7 30         | 11 11           | 4 31  | 7 24         | 11 9            | 4 36  | 7 19         | 11 6            | 4 53  | 7 3          | 10 59           |
| 3                 | S                | 4 25   | 7 30         | 11 37           | 4 30  | 7 25         | 11 37           | 4 36  | 7 20         | 11 36           | 4 53  | 7 3          | 11 31           |
| 4                 | M                | 4 25   | 7 31         | A. M.           | 4 30  | 7 26         | A. M.           | 4 36  | 7 20         | A. M.           | 4 52  | 7 4          | A. M.           |
| 5                 | Tu               | 4 24   | 7 32         | 12 1            | 4 30  | 7 27         | 12 1            | 4 36  | 7 21         | 12 1            | 4 52  | 7 4          | 12 0            |
| 6                 | W                | 4 24   | 7 33         | 12 26           | 4 29  | 7 27         | 12 27           | 4 35  | 7 21         | 12 27           | 4 52  | 7 5          | 12 29           |
| 7                 | Th               | 4 24   | 7 33         | 12 50           | 4 29  | 7 28         | 12 52           | 4 35  | 7 22         | 12 54           | 4 52  | 7 5          | 12 59           |
| 8                 | Fr               | 4 23   | 7 34         | 1 17            | 4 29  | 7 28         | 1 20            | 4 35  | 7 23         | 1 22            | 4 51  | 7 6          | 1 30            |
| 9                 | Sa               | 4 23   | 7 35         | 1 46            | 4 28  | 7 29         | 1 50            | 4 34  | 7 23         | 1 53            | 4 51  | 7 6          | 2 4             |
| 10                | S                | 4 23   | 7 35         | 2 21            | 4 28  | 7 30         | 2 25            | 4 34  | 7 24         | 2 30            | 4 51  | 7 7          | 2 43            |
| 11                | M                | 4 22   | 7 36         | 3 1             | 4 28  | 7 30         | 3 6             | 4 34  | 7 24         | 3 11            | 4 51  | 7 7          | 3 26            |
| 12                | Tu               | 4 22   | 7 36         | 3 50            | 4 28  | 7 31         | 3 55            | 4 34  | 7 25         | 4 1             | 4 51  | 7 8          | 4 17            |
| 13                | W                | 4 22   | 7 37         | rises.          | 4 28  | 7 31         | rises.          | 4 34  | 7 25         | rises.          | 4 51  | 7 8          | rises.          |
| 14                | Th               | 4 22   | 7 37         | 9 1             | 4 28  | 7 32         | 8 57            | 4 34  | 7 26         | 8 52            | 4 51  | 7 8          | 8 38            |
| 15                | Fr               | 4 22   | 7 38         | 9 40            | 4 28  | 7 32         | 9 37            | 4 34  | 7 26         | 9 33            | 4 51  | 7 9          | 9 22            |
| 16                | Sa               | 4 22   | 7 38         | 10 15           | 4 28  | 7 32         | 10 13           | 4 34  | 7 27         | 10 10           | 4 51  | 7 9          | 10 3            |
| 17                | S                | 4 22   | 7 38         | 10 47           | 4 28  | 7 33         | 10 46           | 4 34  | 7 27         | 10 44           | 4 51  | 7 9          | 10 40           |
| 18                | M                | 4 22   | 7 39         | 11 17           | 4 28  | 7 33         | 11 17           | 4 34  | 7 27         | 11 17           | 4 51  | 7 10         | 11 16           |
| 19                | Tu               | 4 22   | 7 39         | 11 47           | 4 28  | 7 33         | 11 48           | 4 34  | 7 28         | 11 49           | 4 52  | 7 10         | 11 52           |
| 20                | W                | 4 23   | 7 39         | A. M.           | 4 28  | 7 33         | A. M.           | 4 34  | 7 28         | A. M.           | 4 52  | 7 10         | A. M.           |
| 21                | Th               | 4 23   | 7 40         | 12 19           | 4 28  | 7 34         | 12 21           | 4 34  | 7 28         | 12 23           | 4 52  | 7 11         | 12 29           |
| 22                | Fr               | 4 23   | 7 40         | 12 52           | 4 29  | 7 34         | 12 55           | 4 35  | 7 28         | 12 59           | 4 52  | 7 11         | 1 9             |
| 23                | Sa               | 4 23   | 7 40         | 1 33            | 4 29  | 7 34         | 1 37            | 4 35  | 7 29         | 1 41            | 4 53  | 7 11         | 1 54            |
| 24                | S                | 4 23   | 7 40         | 2 15            | 4 29  | 7 35         | 2 20            | 4 35  | 7 29         | 2 25            | 4 53  | 7 11         | 2 40            |
| 25                | M                | 4 24   | 7 40         | 3 6             | 4 30  | 7 35         | 3 11            | 4 35  | 7 29         | 3 16            | 4 53  | 7 11         | 3 33            |
| 26                | Tu               | 4 24   | 7 40         | 4 3             | 4 30  | 7 35         | 4 8             | 4 36  | 7 29         | 4 13            | 4 53  | 7 11         | 4 29            |
| 27                | W                | 4 24   | 7 40         | sets.           | 4 30  | 7 35         | sets.           | 4 36  | 7 29         | sets.           | 4 53  | 7 11         | sets.           |
| 28                | Th               | 4 25   | 7 40         | 8 41            | 4 30  | 7 35         | 8 37            | 4 36  | 7 29         | 8 33            | 4 54  | 7 12         | 8 22            |
| 29                | Fr               | 4 25   | 7 40         | 9 10            | 4 31  | 7 35         | 9 8             | 4 36  | 7 29         | 9 5             | 4 54  | 7 12         | 8 57            |
| 30                | Sa               | 4 25   | 7 40         | 9 39            | 4 31  | 7 35         | 9 37            | 4 37  | 7 29         | 9 36            | 4 54  | 7 12         | 9 30            |

SUN ON MERIDIAN.

| DAY OF MONTH. | DAY OF MONTH. |    |    | DAY OF MONTH. |    |    | DAY OF MONTH. |    |    | DAY OF MONTH. |    |    |    |   |    |    |    |   |    |
|---------------|---------------|----|----|---------------|----|----|---------------|----|----|---------------|----|----|----|---|----|----|----|---|----|
|               | H.            | M. | S. | H.            | M. | S. | H.            | M. | S. | H.            | M. | S. |    |   |    |    |    |   |    |
| 1             | 11            | 57 | 35 | 7             | 11 | 58 | 35            | 13 | 11 | 59            | 46 | 19 | 12 | 1 | 2  | 25 | 12 | 2 | 20 |
| 2             | 11            | 57 | 44 | 8             | 11 | 58 | 46            | 14 | 11 | 59            | 58 | 20 | 12 | 1 | 15 | 26 | 12 | 2 | 33 |
| 3             | 11            | 57 | 54 | 9             | 11 | 58 | 58            | 15 | 12 | 0             | 11 | 21 | 12 | 1 | 28 | 27 | 12 | 2 | 45 |
| 4             | 11            | 58 | 4  | 10            | 11 | 59 | 10            | 16 | 12 | 0             | 23 | 22 | 12 | 1 | 41 | 28 | 12 | 2 | 58 |
| 5             | 11            | 58 | 14 | 11            | 11 | 59 | 21            | 17 | 12 | 0             | 36 | 23 | 12 | 1 | 54 | 29 | 12 | 3 | 10 |
| 6             | 11            | 58 | 24 | 12            | 11 | 59 | 33            | 18 | 12 | 0             | 49 | 24 | 12 | 2 | 7  | 30 | 12 | 3 | 22 |

TWILIGHT.

| PLACES.                 | June. | Begins, A. M. |    | Ends, P. M. |    | June. | Begins, A. M. |    | Ends, P. M. |    | June. | Begins, A. M. |    | Ends, P. M. |    |
|-------------------------|-------|---------------|----|-------------|----|-------|---------------|----|-------------|----|-------|---------------|----|-------------|----|
|                         |       | H.            | M. | H.          | M. |       | H.            | M. | H.          | M. |       | H.            | M. |             |    |
| Boston.....             | 1     | 2             | 17 | 9           | 33 | 11    | 2             | 9  | 9           | 51 | 21    | 2             | 8  | 9           | 55 |
| New York..              | 1     | 2             | 29 | 9           | 26 | 11    | 2             | 23 | 9           | 37 | 21    | 2             | 22 | 9           | 41 |
| Wash <sup>h</sup> ton.. | 1     | 2             | 41 | 9           | 14 | 11    | 2             | 36 | 9           | 24 | 21    | 2             | 35 | 9           | 28 |
| Charleston.             | 1     | 3             | 13 | 8           | 43 | 11    | 3             | 9  | 8           | 51 | 21    | 3             | 9  | 8           | 54 |



| Day of the Month. | Day of the Week. | Calendar for<br>BOSTON,<br>New England, N. Y. State,<br>Michigan, Wisconsin,<br>N. and S. Dakota,<br>and Oregon. |              |                 | Calendar for<br>NEW YORK CITY,<br>Connecticut, Pennsyl-<br>vania, Ohio, Indiana,<br>Illinois, Nebraska, and<br>Northern California. |              |                 | Calendar for<br>WASHINGTON,<br>Virginia, Kentucky,<br>Missouri, Kansas, Colorado,<br>Utah, Nevada,<br>and Central California. |              |                 | Calendar for<br>CHARLESTON,<br>Georgia, Alabama,<br>Louisiana, Texas, New<br>Mexico, Arizona,<br>and Southern California. |              |                 |
|-------------------|------------------|--|--------------|-----------------|---|--------------|-----------------|---|--------------|-----------------|---|--------------|-----------------|
|                   |                  | SUN<br>RISES.  | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.   | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.   | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.   | SUN<br>SETS. | MOON<br>R. & S. |
|                   |                  | H. M.  | H. M.        | H. M.           | H. M.   | H. M.        | H. M.           | H. M.   | H. M.        | H. M.           | H. M.   | H. M.        | H. M.           |
| 1                 | S                | 4 26   | 7 40         | 10 4            | 4 32  | 7 35         | 10 4            | 4 37  | 7 29         | 10 3            | 4 54  | 7 12         | 10 1            |
| 2                 | M                | 4 26   | 7 40         | 10 28           | 4 32  | 7 35         | 10 29           | 4 38  | 7 29         | 10 29           | 4 55  | 7 12         | 10 30           |
| 3                 | Tu               | 4 27   | 7 40         | 10 53           | 4 33  | 7 35         | 10 54           | 4 38  | 7 29         | 10 55           | 4 55  | 7 12         | 10 59           |
| 4                 | W                | 4 27   | 7 40         | 11 18           | 4 33  | 7 34         | 11 21           | 4 39  | 7 29         | 11 23           | 4 56  | 7 12         | 11 29           |
| 5                 | Th               | 4 28   | 7 40         | 11 46           | 4 34  | 7 34         | 11 49           | 4 39  | 7 29         | 11 52           | 4 56  | 7 12         | A. M.           |
| 6                 | Fr               | 4 29   | 7 40         | A. M.           | 4 34  | 7 34         | A. M.           | 4 40  | 7 28         | A. M.           | 4 57  | 7 11         | 12 2            |
| 7                 | Sa               | 4 29   | 7 39         | 12 18           | 4 35  | 7 34         | 12 22           | 4 40  | 7 28         | 12 26           | 4 57  | 7 11         | 12 38           |
| 8                 | S                | 4 30   | 7 39         | 12 54           | 4 36  | 7 33         | 12 59           | 4 41  | 7 28         | 1 4             | 4 58  | 7 11         | 1 19            |
| 9                 | M                | 4 30   | 7 38         | 1 38            | 4 37  | 7 33         | 1 44            | 4 42  | 7 27         | 1 49            | 4 58  | 7 11         | 2 5             |
| 10                | Tu               | 4 31   | 7 38         | 2 31            | 4 37  | 7 33         | 2 36            | 4 42  | 7 27         | 2 42            | 4 59  | 7 11         | 2 58            |
| 11                | W                | 4 32   | 7 38         | 3 31            | 4 38  | 7 32         | 3 37            | 4 43  | 7 27         | 3 42            | 4 59  | 7 10         | 3 58            |
| 12                | Th               | 4 33   | 7 37         | rises.          | 4 38  | 7 32         | rises.          | 4 44  | 7 26         | rises.          | 5 0   | 7 10         | rises.          |
| 13                | Fr               | 4 33   | 7 37         | 8 17            | 4 39  | 7 32         | 8 14            | 4 44  | 7 26         | 8 10            | 5 0   | 7 10         | 8 1             |
| 14                | Sa               | 4 34   | 7 36         | 8 48            | 4 40  | 7 31         | 8 47            | 4 45  | 7 25         | 8 45            | 5 1   | 7 9          | 8 39            |
| 15                | S                | 4 35   | 7 35         | 9 20            | 4 40  | 7 31         | 9 20            | 4 46  | 7 25         | 9 19            | 5 1   | 7 9          | 9 17            |
| 16                | M                | 4 36   | 7 35         | 9 51            | 4 41  | 7 30         | 9 51            | 4 46  | 7 24         | 9 52            | 5 2   | 7 9          | 9 54            |
| 17                | Tu               | 4 36   | 7 34         | 10 22           | 4 42  | 7 29         | 10 24           | 4 47  | 7 24         | 10 26           | 5 3   | 7 8          | 10 31           |
| 18                | W                | 4 37   | 7 34         | 10 55           | 4 43  | 7 29         | 10 58           | 4 48  | 7 23         | 11 1            | 5 3   | 7 8          | 11 10           |
| 19                | Th               | 4 38   | 7 33         | 11 32           | 4 43  | 7 28         | 11 36           | 4 49  | 7 23         | 11 40           | 5 4   | 7 7          | 11 52           |
| 20                | Fr               | 4 39   | 7 32         | A. M.           | 4 44  | 7 27         | A. M.           | 4 49  | 7 22         | A. M.           | 5 5   | 7 7          | A. M.           |
| 21                | Sa               | 4 40   | 7 31         | 12 14           | 4 45  | 7 27         | 12 18           | 4 50  | 7 21         | 12 23           | 5 5   | 7 6          | 12 38           |
| 22                | S                | 4 41   | 7 30         | 1 1             | 4 46  | 7 26         | 1 6             | 4 51  | 7 20         | 1 12            | 5 6   | 7 6          | 1 27            |
| 23                | M                | 4 42   | 7 29         | 1 55            | 4 47  | 7 25         | 2 0             | 4 52  | 7 19         | 2 5             | 5 7   | 7 5          | 2 25            |
| 24                | Tu               | 4 43   | 7 29         | 2 53            | 4 48  | 7 24         | 2 58            | 4 53  | 7 19         | 3 3             | 5 7   | 7 5          | 3 9             |
| 25                | W                | 4 44   | 7 28         | 3 54            | 4 49  | 7 23         | 3 59            | 4 53  | 7 18         | 4 4             | 5 8   | 7 4          | 4 17            |
| 26                | Th               | 4 45   | 7 27         | sets.           | 4 49  | 7 22         | sets.           | 4 54  | 7 18         | sets.           | 5 9   | 7 4          | sets.           |
| 27                | Fr               | 4 46   | 7 26         | 7 42            | 4 50  | 7 22         | 7 40            | 4 55  | 7 17         | 7 37            | 5 9   | 7 3          | 7 31            |
| 28                | Sa               | 4 47   | 7 25         | 8 7             | 4 51  | 7 21         | 8 6             | 4 56  | 7 16         | 8 5             | 5 10  | 7 2          | 8 2             |
| 29                | S                | 4 48   | 7 24         | 8 32            | 4 52  | 7 20         | 8 32            | 4 57  | 7 15         | 8 32            | 5 10  | 7 2          | 8 31            |
| 30                | M                | 4 49   | 7 23         | 8 57            | 4 53  | 7 19         | 8 58            | 4 58  | 7 14         | 8 58            | 5 11  | 7 1          | 9 1             |
| 31                | Tu               | 4 50   | 7 22         | 9 21            | 4 54  | 7 18         | 9 23            | 4 59  | 7 13         | 9 25            | 5 12  | 7 0          | 9 30            |

SUN ON MERIDIAN.

| DAY OF MONTH. | DAY OF MONTH. |    |    | DAY OF MONTH. | DAY OF MONTH. |    |    | DAY OF MONTH. | DAY OF MONTH. |    |    |    |    |   |    |    |    |   |    |
|---------------|---------------|----|----|---------------|---------------|----|----|---------------|---------------|----|----|----|----|---|----|----|----|---|----|
|               | H.            | M. | S. |               | H.            | M. | S. |               | H.            | M. | S. |    |    |   |    |    |    |   |    |
| 1             | 12            | 3  | 34 | 8             | 12            | 4  | 47 | 14            | 12            | 5  | 35 | 20 | 12 | 6 | 6  | 26 | 12 | 6 | 17 |
| 2             | 12            | 3  | 45 | 9             | 12            | 4  | 56 | 15            | 12            | 5  | 42 | 21 | 12 | 6 | 9  | 27 | 12 | 6 | 17 |
| 3             | 12            | 3  | 56 | 10            | 12            | 5  | 5  | 16            | 12            | 5  | 47 | 22 | 12 | 6 | 12 | 28 | 12 | 6 | 16 |
| 4             | 12            | 4  | 7  | 11            | 12            | 5  | 13 | 17            | 12            | 5  | 53 | 23 | 12 | 6 | 14 | 29 | 12 | 6 | 15 |
| 5             | 12            | 4  | 18 | 12            | 12            | 5  | 21 | 18            | 12            | 5  | 58 | 24 | 12 | 6 | 16 | 30 | 12 | 6 | 13 |
| 6             | 12            | 4  | 28 | 13            | 12            | 5  | 28 | 19            | 12            | 6  | 2  | 25 | 12 | 6 | 17 | 31 | 12 | 6 | 11 |
| 7             | 12            | 4  | 38 |               |               |    |    |               |               |    |    |    |    |   |    |    |    |   |    |

TWILIGHT.

| PLACES.     | July. | Begins, A. M. |    | Ends, P. M. |    | July. | Begins, A. M. |    | Ends, P. M. |    | July. | Begins, A. M. |    | Ends, P. M. |    |
|-------------|-------|---------------|----|-------------|----|-------|---------------|----|-------------|----|-------|---------------|----|-------------|----|
|             |       | H.            | M. | H.          | M. |       | H.            | M. | H.          | M. |       | H.            | M. | H.          | M. |
| Boston..... | 1     | 2             | 14 | 9           | 54 | 11    | 2             | 24 | 9           | 45 | 21    | 2             | 39 | 9           | 34 |
| New York.   | 1     | 2             | 27 | 9           | 40 | 11    | 2             | 37 | 9           | 34 | 21    | 2             | 49 | 9           | 23 |
| Wash' ton.. | 1     | 2             | 40 | 9           | 27 | 11    | 2             | 49 | 9           | 22 | 21    | 3             | 0  | 9           | 12 |
| Charleston. | 1     | 3             | 13 | 8           | 54 | 11    | 3             | 20 | 8           | 50 | 21    | 3             | 29 | 8           | 43 |

| Day of the Month. | Day of the Week. | Calendar for<br>BOSTON,<br>New England, N. Y. State,<br>Michigan, Wisconsin,<br>N. and S. Dakota,<br>and Oregon. |              |                 | Calendar for<br>NEW YORK CITY,<br>Connecticut, Pennsylv-<br>ania, Ohio, Indiana,<br>Illinois, Nebraska, and<br>Northern California. |              |                 | Calendar for<br>WASHINGTON,<br>Virginia, Kentucky,<br>Missouri, Kansas, Colorado,<br>Utah, Nevada,<br>and Central California. |              |                 | Calendar for<br>CHARLESTON,<br>Georgia, Alabama,<br>Louisiana, Texas, New<br>Mexico, Arizona,<br>and Southern California. |              |                 |
|-------------------|------------------|--|--------------|-----------------|---|--------------|-----------------|---|--------------|-----------------|---|--------------|-----------------|
|                   |                  | SUN<br>RISES.  | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.   | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.   | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.   | SUN<br>SETS. | MOON<br>R. & S. |
|                   |                  | H. M.  | H. M.        | H. M.           | H. M.   | H. M.        | H. M.           | H. M.   | H. M.        | H. M.           | H. M.   | H. M.        | H. M.           |
| 1                 | W                | 4 51   | 7 21         | 9 48            | 4 55  | 7 17         | 9 50            | 5 0   | 7 12         | 9 53            | 5 12  | 6 59         | 10 2            |
| 2                 | Th               | 4 52   | 7 20         | 10 17           | 4 56  | 7 16         | 10 21           | 5 0   | 7 11         | 10 24           | 5 13  | 6 58         | 10 36           |
| 3                 | Fr               | 4 53   | 7 19         | 10 51           | 4 57  | 7 15         | 10 55           | 5 1   | 7 10         | 11 0            | 5 14  | 6 57         | 11 14           |
| 4                 | Sa               | 4 54   | 7 17         | 11 31           | 4 58  | 7 14         | 11 36           | 5 2   | 7 9          | 11 41           | 5 15  | 6 57         | 11 56           |
| 5                 | S                | 4 55   | 7 16         | A. M.           | 4 59  | 7 12         | A. M.           | 5 3   | 7 8          | A. M.           | 5 15  | 6 56         | A. M.           |
| 6                 | M                | 4 56   | 7 15         | 12 18           | 5 0   | 7 11         | 12 23           | 5 4   | 7 7          | 12 29           | 5 16  | 6 55         | 12 45           |
| 7                 | Tu               | 4 57   | 7 14         | 1 14            | 5 1   | 7 10         | 1 19            | 5 5   | 7 6          | 1 25            | 5 17  | 6 54         | 1 41            |
| 8                 | W                | 4 58   | 7 12         | 2 17            | 5 2   | 7 9          | 2 22            | 5 5   | 7 5          | 2 28            | 5 17  | 6 53         | 2 35            |
| 9                 | Th               | 4 59   | 7 11         | 3 27            | 5 3   | 7 8          | 3 31            | 5 6   | 7 4          | 3 36            | 5 18  | 6 52         | 3 48            |
| 10                | Fr               | 5 0  | 7 10         | rises.          | 5 4   | 7 7          | rises.          | 5 7   | 7 2          | rises.          | 5 19  | 6 51         | rises.          |
| 11                | Sa               | 5 1  | 7 8          | 7 19            | 5 5   | 7 6          | 7 18            | 5 8   | 7 1          | 7 17            | 5 19  | 6 50         | 7 13            |
| 12                | S                | 5 2  | 7 7          | 7 51            | 5 5   | 7 4          | 7 51            | 5 9   | 7 0          | 7 52            | 5 20  | 6 49         | 7 52            |
| 13                | M                | 5 3  | 7 6          | 8 23            | 5 6   | 7 3          | 8 25            | 5 10  | 6 59         | 8 26            | 5 21  | 6 48         | 8 30            |
| 14                | Tu               | 5 4  | 7 4          | 8 57            | 5 7   | 7 2          | 8 59            | 5 11  | 6 58         | 9 2             | 5 21  | 6 47         | 9 9             |
| 15                | W                | 5 5  | 7 3          | 9 33            | 5 8   | 7 1          | 9 37            | 5 12  | 6 56         | 9 41            | 5 22  | 6 46         | 9 51            |
| 16                | Th               | 5 6  | 7 1          | 10 14           | 5 9   | 7 0          | 10 18           | 5 13  | 6 55         | 10 23           | 5 23  | 6 45         | 10 37           |
| 17                | Fr               | 5 7  | 7 0          | 11 0            | 5 10  | 6 58         | 11 5            | 5 14  | 6 54         | 11 10           | 5 24  | 6 44         | 11 25           |
| 18                | Sa               | 5 8  | 6 59         | 11 52           | 5 11  | 6 57         | 11 57           | 5 15  | 6 52         | A. M.           | 5 24  | 6 43         | A. M.           |
| 19                | S                | 5 9  | 6 58         | A. M.           | 5 12  | 6 55         | A. M.           | 5 16  | 6 51         | 12 2            | 5 25  | 6 42         | 12 18           |
| 20                | M                | 5 10   | 6 56         | 12 48           | 5 13  | 6 54         | 12 53           | 5 16  | 6 50         | 1 0             | 5 26  | 6 41         | 1 14            |
| 21                | Tu               | 5 11   | 6 54         | 1 48            | 5 14  | 6 53         | 1 53            | 5 17  | 6 49         | 1 57            | 5 26  | 6 40         | 2 12            |
| 22                | W                | 5 12   | 6 52         | 2 49            | 5 15  | 6 51         | 2 53            | 5 18  | 6 47         | 2 57            | 5 27  | 6 39         | 3 9             |
| 23                | Th               | 5 13   | 6 51         | 3 51            | 5 16  | 6 50         | 3 54            | 5 19  | 6 45         | 3 57            | 5 27  | 6 37         | 4 6             |
| 24                | Fr               | 5 14   | 6 50         | 4 51            | 5 17  | 6 48         | 4 54            | 5 20  | 6 44         | 4 55            | 5 28  | 6 36         | 5 1             |
| 25                | Sa               | 5 15   | 6 49         | sets.           | 5 18  | 6 47         | sets.           | 5 21  | 6 43         | sets.           | 5 29  | 6 35         | sets.           |
| 26                | S                | 5 16   | 6 48         | 7 0             | 5 19  | 6 45         | 7 1             | 5 22  | 6 41         | 7 1             | 5 30  | 6 34         | 7 3             |
| 27                | M                | 5 17   | 6 46         | 7 25            | 5 20  | 6 44         | 7 27            | 5 23  | 6 40         | 7 28            | 5 30  | 6 32         | 7 33            |
| 28                | Tu               | 5 18   | 6 44         | 7 52            | 5 21  | 6 42         | 7 54            | 5 24  | 6 39         | 7 56            | 5 31  | 6 31         | 8 4             |
| 29                | W                | 5 19   | 6 43         | 8 20            | 5 22  | 6 41         | 8 23            | 5 25  | 6 37         | 8 26            | 5 32  | 6 30         | 8 36            |
| 30                | Th               | 5 20   | 6 41         | 8 51            | 5 23  | 6 39         | 8 55            | 5 25  | 6 35         | 9 0             | 5 32  | 6 29         | 9 12            |
| 31                | Fr               | 5 21   | 6 39         | 9 28            | 5 24  | 6 37         | 9 33            | 5 26  | 6 34         | 9 39            | 5 33  | 6 27         | 9 52            |

SUN ON MERIDIAN.

| DAY OF MONTH. | DAY OF MONTH. |    |    | DAY OF MONTH. | DAY OF MONTH. |    |    | DAY OF MONTH. | DAY OF MONTH. |    |    |    |    |   |    |    |    |   |    |
|---------------|---------------|----|----|---------------|---------------|----|----|---------------|---------------|----|----|----|----|---|----|----|----|---|----|
|               | H.            | M. | S. |               | H.            | M. | S. |               | H.            | M. | S. |    |    |   |    |    |    |   |    |
| 1             | 12            | 6  | 7  | 8             | 12            | 5  | 27 | 14            | 12            | 4  | 31 | 20 | 12 | 3 | 15 | 26 | 12 | 1 | 42 |
| 2             | 12            | 6  | 3  | 9             | 12            | 5  | 20 | 15            | 12            | 4  | 19 | 21 | 12 | 3 | 1  | 27 | 12 | 1 | 26 |
| 3             | 12            | 5  | 59 | 10            | 12            | 5  | 11 | 16            | 12            | 4  | 7  | 22 | 12 | 2 | 46 | 28 | 12 | 1 | 8  |
| 4             | 12            | 5  | 54 | 11            | 12            | 5  | 2  | 17            | 12            | 3  | 55 | 23 | 12 | 2 | 31 | 29 | 12 | 0 | 51 |
| 5             | 12            | 5  | 48 | 12            | 12            | 4  | 52 | 18            | 12            | 3  | 42 | 24 | 12 | 2 | 15 | 30 | 12 | 0 | 33 |
| 6             | 12            | 5  | 42 | 13            | 12            | 4  | 42 | 19            | 12            | 3  | 29 | 25 | 12 | 1 | 59 | 31 | 12 | 0 | 14 |
| 7             | 12            | 5  | 35 |               |               |    |    |               |               |    |    |    |    |   |    |    |    |   |    |

TWILIGHT.

| PLACES.     | Aug. | Begins, A. M. |    | Ends, P. M. | Aug. | Begins, A. M. |    | Ends, P. M. | Aug. | Begins, A. M. |    | Ends, P. M. |
|-------------|------|---------------|----|-------------|------|---------------|----|-------------|------|---------------|----|-------------|
|             |      | H.            | M. |             |      | H.            | M. |             |      | H.            | M. |             |
| Boston..... | 1    | 2             | 57 | 9 16        | 11   | 3             | 13 | 8 57        | 21   | 3             | 29 | 8 37        |
| New York.   | 1    | 3             | 6  | 9 6         | 11   | 3             | 22 | 8 48        | 21   | 3             | 35 | 8 31        |
| Wash' ton.  | 1    | 3             | 15 | 8 57        | 11   | 3             | 29 | 8 41        | 21   | 3             | 41 | 8 24        |
| Charleston. | 1    | 3             | 40 | 8 32        | 11   | 3             | 50 | 8 20        | 21   | 3             | 59 | 8 7         |

| Day of the Month. | Day of the Week. | Calendar for<br>Boston,<br>New England, N. Y. State,<br>Michigan, Wisconsin,<br>N. and S. Dakota,<br>and Oregon. |              |                 | Calendar for<br>New York City,<br>Connecticut, Pennsyl-<br>vania, Ohio, Indiana,<br>Illinois, Nebraska, and<br>Northern California. |              |                 | Calendar for<br>Washington,<br>Virginia, Kentucky,<br>Missouri, Kansas, Colorado,<br>Utah, Nevada,<br>and Central California. |              |                 | Calendar for<br>Charleston,<br>Georgia, Alabama,<br>Louisiana, Texas, New<br>Mexico, Arizona,<br>and Southern California. |              |                 |
|-------------------|------------------|--|--------------|-----------------|---|--------------|-----------------|---|--------------|-----------------|---|--------------|-----------------|
|                   |                  | SUN<br>RISES.  | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.   | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.   | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.   | SUN<br>SETS. | MOON<br>R. & S. |
|                   |                  | H. M.  | H. M.        | H. M.           | H. M.   | H. M.        | H. M.           | H. M.   | H. M.        | H. M.           | H. M.   | H. M.        | H. M.           |
| 1                 | Sa               | 5 23   | 6 37         | 10 11           | 5 25  | 6 35         | 10 16           | 5 27  | 6 33         | 10 22           | 5 34  | 6 26         | 10 38           |
| 2                 | S                | 5 24   | 6 36         | 11 2            | 5 26  | 6 33         | 11 7            | 5 28  | 6 31         | 11 13           | 5 34  | 6 25         | 11 29           |
| 3                 | M                | 5 25   | 6 34         | A. M.           | 5 27  | 6 32         | A. M.           | 5 29  | 6 29         | A. M.           | 5 35  | 6 24         | A. M.           |
| 4                 | Tu               | 5 26   | 6 33         | 12 0            | 5 28  | 6 30         | 12 5            | 5 30  | 6 27         | 12 10           | 5 35  | 6 22         | 12 26           |
| 5                 | W                | 5 27   | 6 31         | 1 5             | 5 29  | 6 29         | 1 10            | 5 31  | 6 26         | 1 16            | 5 36  | 6 21         | 1 28            |
| 6                 | Th               | 5 28   | 6 29         | 2 15            | 5 30  | 6 27         | 2 19            | 5 32  | 6 24         | 2 23            | 5 37  | 6 20         | 2 34            |
| 7                 | Fr               | 5 29   | 6 27         | 3 30            | 5 31  | 6 25         | 3 32            | 5 33  | 6 23         | 3 35            | 5 37  | 6 19         | 3 42            |
| 8                 | Sa               | 5 30   | 6 25         | 4 46            | 5 32  | 6 23         | 4 47            | 5 34  | 6 21         | 4 48            | 5 38  | 6 17         | 4 53            |
| 9                 | S                | 5 32   | 6 23         | rises.          | 5 33  | 6 21         | rises.          | 5 34  | 6 20         | rises.          | 5 39  | 6 16         | rises.          |
| 10                | M                | 5 33   | 6 21         | 6 54            | 5 34  | 6 19         | 6 56            | 5 35  | 6 18         | 6 58            | 5 39  | 6 14         | 7 4             |
| 11                | Tu               | 5 34   | 6 19         | 7 31            | 5 35  | 6 18         | 7 34            | 5 36  | 6 17         | 7 37            | 5 40  | 6 13         | 7 46            |
| 12                | W                | 5 35   | 6 18         | 8 11            | 5 36  | 6 16         | 8 15            | 5 37  | 6 16         | 8 19            | 5 41  | 6 12         | 8 32            |
| 13                | Th               | 5 36   | 6 16         | 8 57            | 5 37  | 6 15         | 9 1             | 5 38  | 6 15         | 9 6             | 5 41  | 6 11         | 9 21            |
| 14                | Fr               | 5 37   | 6 14         | 9 46            | 5 38  | 6 14         | 9 53            | 5 39  | 6 14         | 9 58            | 5 42  | 6 9          | 10 14           |
| 15                | Sa               | 5 38   | 6 12         | 10 44           | 5 39  | 6 11         | 10 49           | 5 40  | 6 12         | 10 54           | 5 43  | 6 8          | 11 10           |
| 16                | S                | 5 39   | 6 10         | 11 43           | 5 40  | 6 9          | 11 47           | 5 41  | 6 11         | 11 52           | 5 43  | 6 6          | A. M.           |
| 17                | M                | 5 40   | 6 9          | A. M.           | 5 41  | 6 8          | A. M.           | 5 42  | 6 9          | A. M.           | 5 44  | 6 5          | 12 7            |
| 18                | Tu               | 5 41   | 6 7          | 12 44           | 5 42  | 6 6          | 12 48           | 5 43  | 6 7          | 12 52           | 5 45  | 6 4          | 1 4             |
| 19                | W                | 5 42   | 6 5          | 1 45            | 5 43  | 6 5          | 1 48            | 5 43  | 6 6          | 1 51            | 5 45  | 6 3          | 2 1             |
| 20                | Th               | 5 43   | 6 3          | 2 45            | 5 44  | 6 3          | 2 47            | 5 44  | 6 4          | 2 50            | 5 46  | 6 1          | 2 57            |
| 21                | Fr               | 5 44   | 6 2          | 3 45            | 5 45  | 6 1          | 3 46            | 5 45  | 6 2          | 3 47            | 5 46  | 6 0          | 3 51            |
| 22                | Sa               | 5 45   | 6 0          | 4 43            | 5 46  | 5 59         | 4 43            | 5 46  | 6 0          | 4 44            | 5 47  | 5 58         | 4 45            |
| 23                | S                | 5 47   | 5 58         | sets.           | 5 47  | 5 58         | sets.           | 5 47  | 5 58         | sets.           | 5 47  | 5 57         | sets.           |
| 24                | M                | 5 48   | 5 56         | 5 56            | 5 48  | 5 56         | 5 58            | 5 48  | 5 57         | 6 0             | 5 48  | 5 56         | 6 6             |
| 25                | Tu               | 5 49   | 5 54         | 6 23            | 5 49  | 5 55         | 6 26            | 5 49  | 5 55         | 6 29            | 5 49  | 5 55         | 6 38            |
| 26                | W                | 5 50   | 5 52         | 6 54            | 5 50  | 5 53         | 6 58            | 5 50  | 5 53         | 7 2             | 5 50  | 5 53         | 7 13            |
| 27                | Th               | 5 51   | 5 51         | 7 29            | 5 51  | 5 51         | 7 33            | 5 51  | 5 51         | 7 38            | 5 50  | 5 52         | 7 52            |
| 28                | Fr               | 5 52   | 5 49         | 8 9             | 5 52  | 5 49         | 8 14            | 5 52  | 5 50         | 8 20            | 5 51  | 5 50         | 8 35            |
| 29                | Sa               | 5 53   | 5 47         | 8 56            | 5 53  | 5 48         | 9 2             | 5 52  | 5 49         | 9 7             | 5 51  | 5 49         | 9 23            |
| 30                | S                | 5 54   | 5 45         | 9 50            | 5 54  | 5 46         | 9 55            | 5 53  | 5 47         | 10 1            | 5 52  | 5 48         | 10 17           |

SUN ON MERIDIAN.

| DAY OF MONTH. | H. | M. | S. | DAY OF MONTH. | H. | M. | S. | DAY OF MONTH. | H. | M. | S. | DAY OF MONTH. | H. | M. | S. |
|---------------|----|----|----|---------------|----|----|----|---------------|----|----|----|---------------|----|----|----|
| 1             | 11 | 59 | 56 | 7             | 11 | 57 | 58 | 13            | 11 | 55 | 53 | 19            | 11 | 53 | 46 |
| 2             | 11 | 59 | 37 | 8             | 11 | 57 | 38 | 14            | 11 | 55 | 32 | 20            | 11 | 53 | 25 |
| 3             | 11 | 59 | 18 | 9             | 11 | 57 | 17 | 15            | 11 | 55 | 11 | 21            | 11 | 53 | 4  |
| 4             | 11 | 58 | 58 | 10            | 11 | 56 | 56 | 16            | 11 | 54 | 50 | 22            | 11 | 52 | 43 |
| 5             | 11 | 58 | 38 | 11            | 11 | 56 | 35 | 17            | 11 | 54 | 28 | 23            | 11 | 52 | 22 |
| 6             | 11 | 58 | 18 | 12            | 11 | 56 | 14 | 18            | 11 | 54 | 7  | 24            | 11 | 52 | 1  |

TWILIGHT.

| PLACES.     | Sept. | Begins, A. M. |    | Ends, P. M. |    | Sept. | Begins, A. M. |    | Ends, P. M. |    | Sept. | Begins, A. M. |    | Ends, P. M. |    |
|-------------|-------|---------------|----|-------------|----|-------|---------------|----|-------------|----|-------|---------------|----|-------------|----|
|             |       | H.            | M. | H.          | M. |       | H.            | M. | H.          | M. |       | H.            | M. | H.          | M. |
| Boston..... | 1     | 3             | 45 | 8           | 14 | 11    | 3             | 59 | 7           | 54 | 21    | 4             | 12 | 7           | 34 |
| New York.   | 1     | 3             | 50 | 8           | 9  | 11    | 4             | 3  | 7           | 50 | 21    | 4             | 15 | 7           | 31 |
| Wash' ton.  | 1     | 3             | 55 | 8           | 4  | 11    | 4             | 7  | 7           | 46 | 21    | 4             | 18 | 7           | 28 |
| Charleston  | 1     | 4             | 9  | 7           | 51 | 11    | 4             | 17 | 7           | 36 | 21    | 4             | 20 | 7           | 20 |

| Day of the Month. | Day of the Week. | Calendar for<br>BOSTON,<br>New England, N. Y. State,<br>Michigan, Wisconsin,<br>N. and S. Dakota,<br>and Oregon. |              |                 | Calendar for<br>NEW YORK CITY,<br>Connecticut, Pennsylvania,<br>Ohio, Indiana,<br>Illinois, Nebraska, and<br>Northern California. |              |                 | Calendar for<br>WASHINGTON,<br>Virginia, Kentucky,<br>Missouri, Kansas, Colorado,<br>Utah, Nevada,<br>and Central California. |              |                 | Calendar for<br>CHARLESTON,<br>Georgia, Alabama,<br>Louisiana, Texas, New<br>Mexico, Arizona,<br>and Southern California. |              |                 |
|-------------------|------------------|--|--------------|-----------------|---|--------------|-----------------|---|--------------|-----------------|---|--------------|-----------------|
|                   |                  | SUN<br>RISES.  | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.   | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.   | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.   | SUN<br>SETS. | MOON<br>R. & S. |
|                   |                  | H. M.  | H. M.        | H. M.           | H. M.   | H. M.        | H. M.           | H. M.   | H. M.        | H. M.           | H. M.   | H. M.        | H. M.           |
| 1                 | M                | 5 55   | 5 44         | 10 50           | 5 55  | 5 44         | 10 55           | 5 54  | 5 45         | 11 0            | 5 53  | 5 47         | 11 15           |
| 2                 | Tu               | 5 56   | 5 42         | 11 56           | 5 56  | 5 42         | A. M.           | 5 55  | 5 44         | A. M.           | 5 54  | 5 45         | A. M.           |
| 3                 | W                | 5 57   | 5 40         | A. M.           | 5 57  | 5 41         | 12 1            | 5 56  | 5 42         | 12 4            | 5 54  | 5 44         | 12 17           |
| 4                 | Th               | 5 58   | 5 38         | 1 6             | 5 58  | 5 39         | 1 9             | 5 57  | 5 40         | 1 12            | 5 55  | 5 42         | 1 22            |
| 5                 | Fr               | 6 0  | 5 37         | 2 19            | 5 59  | 5 38         | 2 21            | 5 58  | 5 39         | 2 23            | 5 56  | 5 41         | 2 29            |
| 6                 | Sa               | 6 1  | 5 35         | 3 34            | 6 0   | 5 36         | 3 35            | 5 59  | 5 37         | 3 35            | 5 57  | 5 40         | 3 36            |
| 7                 | S                | 6 2  | 5 34         | 4 50            | 6 1   | 5 35         | 4 50            | 6 0   | 5 36         | 4 49            | 5 57  | 5 39         | 4 48            |
| 8                 | M                | 6 3  | 5 33         | rises.          | 6 2   | 5 33         | rises.          | 6 1   | 5 34         | rises.          | 5 58  | 5 37         | rises.          |
| 9                 | Tu               | 6 4  | 5 31         | 6 2             | 6 3   | 5 31         | 6 5             | 6 2   | 5 33         | 6 9             | 5 59  | 5 36         | 6 20            |
| 10                | W                | 6 5  | 5 29         | 6 48            | 6 4   | 5 29         | 6 52            | 6 3   | 5 31         | 6 56            | 6 0   | 5 35         | 7 10            |
| 11                | Th               | 6 6  | 5 28         | 7 39            | 6 5   | 5 28         | 7 44            | 6 4   | 5 30         | 7 49            | 6 0   | 5 34         | 8 4             |
| 12                | Fr               | 6 7  | 5 26         | 8 34            | 6 6   | 5 26         | 8 39            | 6 5   | 5 28         | 8 44            | 6 1   | 5 32         | 9 0             |
| 13                | Sa               | 6 8  | 5 25         | 9 34            | 6 7   | 5 25         | 9 39            | 6 6   | 5 27         | 9 44            | 6 2   | 5 31         | 9 58            |
| 14                | S                | 6 10   | 5 23         | 10 36           | 6 8   | 5 23         | 10 40           | 6 7   | 5 25         | 10 44           | 6 3   | 5 30         | 10 57           |
| 15                | M                | 6 11   | 5 21         | 11 37           | 6 9   | 5 22         | 11 41           | 6 8   | 5 24         | 11 44           | 6 3   | 5 29         | 11 55           |
| 16                | Tu               | 6 12   | 5 20         | A. M.           | 6 10  | 5 20         | A. M.           | 6 9   | 5 22         | A. M.           | 6 4   | 5 27         | A. M.           |
| 17                | W                | 6 13   | 5 18         | 12 39           | 6 11  | 5 19         | 12 41           | 6 10  | 5 21         | 12 44           | 6 5   | 5 26         | 12 52           |
| 18                | Th               | 6 14   | 5 16         | 1 38            | 6 12  | 5 17         | 1 40            | 6 11  | 5 19         | 1 42            | 6 6   | 5 25         | 1 47            |
| 19                | Fr               | 6 16   | 5 14         | 2 37            | 6 13  | 5 16         | 2 38            | 6 12  | 5 18         | 2 38            | 6 6   | 5 24         | 2 40            |
| 20                | Sa               | 6 17   | 5 12         | 3 35            | 6 14  | 5 14         | 3 35            | 6 13  | 5 16         | 3 34            | 6 7   | 5 23         | 3 33            |
| 21                | S                | 6 18   | 5 11         | 4 33            | 6 15  | 5 13         | 4 32            | 6 14  | 5 14         | 4 31            | 6 8   | 5 22         | 4 26            |
| 22                | M                | 6 20   | 5 9          | 5 32            | 6 16  | 5 11         | 5 29            | 6 15  | 5 12         | 5 27            | 6 9   | 5 21         | 5 20            |
| 23                | Tu               | 6 21   | 5 8          | sets.           | 6 17  | 5 10         | sets.           | 6 16  | 5 11         | sets.           | 6 9   | 5 20         | sets.           |
| 24                | W                | 6 22   | 5 6          | 5 31            | 6 18  | 5 9          | 5 35            | 6 17  | 5 10         | 5 40            | 6 10  | 5 18         | 5 53            |
| 25                | Th               | 6 23   | 5 5          | 6 10            | 6 19  | 5 7          | 6 14            | 6 18  | 5 8          | 6 19            | 6 11  | 5 17         | 6 34            |
| 26                | Fr               | 6 24   | 5 3          | 6 55            | 6 20  | 5 6          | 7 0             | 6 19  | 5 7          | 7 5             | 6 12  | 5 16         | 7 21            |
| 27                | Sa               | 6 25   | 5 2          | 7 46            | 6 22  | 5 5          | 7 51            | 6 20  | 5 6          | 7 56            | 6 12  | 5 15         | 8 12            |
| 28                | S                | 6 26   | 5 0          | 8 44            | 6 23  | 5 4          | 8 48            | 6 21  | 5 5          | 8 53            | 6 13  | 5 14         | 9 8             |
| 29                | M                | 6 28   | 4 59         | 9 46            | 6 24  | 5 2          | 9 50            | 6 22  | 5 4          | 9 55            | 6 14  | 5 13         | 10 7            |
| 30                | Tu               | 6 29   | 4 58         | 10 52           | 6 25  | 5 0          | 10 55           | 6 24  | 5 3          | 10 59           | 6 15  | 5 12         | 11 9            |
| 31                | W                | 6 30   | 4 57         | A. M.           | 6 26  | 4 59         | A. M.           | 6 25  | 5 2          | A. M.           | 6 16  | 5 11         | A. M.           |

SUN ON MERIDIAN.

| DAY OF MONTH. | DAY OF MONTH. |    |    | DAY OF MONTH. | DAY OF MONTH. |    |    | DAY OF MONTH. | DAY OF MONTH. |    |    |    |    |    |    |    |    |    |    |
|---------------|---------------|----|----|---------------|---------------|----|----|---------------|---------------|----|----|----|----|----|----|----|----|----|----|
|               | H.            | M. | S. |               | H.            | M. | S. |               | H.            | M. | S. |    |    |    |    |    |    |    |    |
| 1             | 11            | 49 | 42 | 8             | 11            | 47 | 35 | 14            | 11            | 46 | 3  | 20 | 11 | 44 | 52 | 26 | 11 | 44 | 3  |
| 2             | 11            | 49 | 23 | 9             | 11            | 47 | 19 | 15            | 11            | 45 | 50 | 21 | 11 | 44 | 42 | 27 | 11 | 43 | 58 |
| 3             | 11            | 49 | 4  | 10            | 11            | 47 | 3  | 16            | 11            | 45 | 37 | 22 | 11 | 44 | 33 | 28 | 11 | 43 | 53 |
| 4             | 11            | 48 | 45 | 11            | 11            | 46 | 47 | 17            | 11            | 45 | 25 | 23 | 11 | 44 | 24 | 29 | 11 | 43 | 49 |
| 5             | 11            | 48 | 27 | 12            | 11            | 46 | 32 | 18            | 11            | 45 | 13 | 24 | 11 | 44 | 17 | 30 | 11 | 43 | 45 |
| 6             | 11            | 48 | 10 | 13            | 11            | 46 | 17 | 19            | 11            | 45 | 2  | 25 | 11 | 44 | 10 | 31 | 11 | 43 | 43 |
| 7             | 11            | 47 | 52 |               |               |    |    |               |               |    |    |    |    |    |    |    |    |    |    |

TWILIGHT.

| PLACES.     | Oct. | Begins, A. M. |    | Ends, P. M. |    | Oct. | Begins, A. M. |    | Ends, P. M. |    | Oct. | Begins, A. M. |    | Ends, P. M. |    |
|-------------|------|---------------|----|-------------|----|------|---------------|----|-------------|----|------|---------------|----|-------------|----|
|             |      | H.            | M. | H.          | M. |      | H.            | M. | H.          | M. |      | H.            | M. |             |    |
| Boston..... | 1    | 4             | 24 | 7           | 15 | 11   | 4             | 35 | 6           | 58 | 21   | 4             | 46 | 6           | 43 |
| New York.   | 1    | 4             | 26 | 7           | 14 | 11   | 4             | 36 | 6           | 57 | 21   | 4             | 47 | 6           | 43 |
| Wash' ton.  | 1    | 4             | 27 | 7           | 12 | 11   | 4             | 37 | 6           | 56 | 21   | 4             | 47 | 6           | 43 |
| Charleston  | 1    | 4             | 32 | 7           | 7  | 11   | 4             | 39 | 6           | 54 | 21   | 4             | 47 | 6           | 42 |

| Day of the Month. | Day of the Week. | Calendar for BOSTON, New England, N. Y. State, Michigan, Wisconsin, N. and S. Dakota, and Oregon. |           |              | Calendar for NEW YORK CITY, Connecticut, Pennsylvania, Ohio, Indiana, Illinois, Nebraska, and Northern California. |           |              | Calendar for WASHINGTON, Virginia, Kentucky, Missouri, Kansas, Colorado, Utah, Nevada, and Central California. |           |              | Calendar for CHARLESTON, Georgia, Alabama, Louisiana, Texas, New Mexico, Arizona, and Southern California. |           |              |
|-------------------|------------------|---|-----------|--------------|--|-----------|--------------|--|-----------|--------------|--|-----------|--------------|
|                   |                  | SUN RISES.  | SUN SETS. | MOON R. & S. | SUN RISES.   | SUN SETS. | MOON R. & S. | SUN RISES.   | SUN SETS. | MOON R. & S. | SUN RISES.   | SUN SETS. | MOON R. & S. |
|                   |                  | H. M.   | H. M.     | H. M.        | H. M.  | H. M.     | H. M.        | H. M.  | H. M.     | H. M.        | H. M.  | H. M.     | H. M.        |
| 1                 | Th               | 6 32  | 4 55      | 12 1         | 6 27   | 4 58      | 12 4         | 6 26   | 5 1       | 12 6         | 6 17   | 5 10      | 12 13        |
| 2                 | Fr               | 6 33  | 4 54      | 1 12         | 6 29   | 4 57      | 1 12         | 6 27   | 5 0       | 1 14         | 6 17   | 5 9       | 1 18         |
| 3                 | Sa               | 6 34  | 4 53      | 2 25         | 6 30   | 4 56      | 2 25         | 6 28   | 4 59      | 2 25         | 6 18   | 5 9       | 2 25         |
| 4                 | S                | 6 35  | 4 51      | 3 40         | 6 31   | 4 55      | 3 39         | 6 29   | 4 58      | 3 37         | 6 19   | 5 8       | 3 33         |
| 5                 | M                | 6 36  | 4 50      | 4 56         | 6 33   | 4 54      | 4 53         | 6 30   | 4 57      | 4 51         | 6 20   | 5 7       | 4 43         |
| 6                 | Tu               | 6 38  | 4 49      | rises.       | 6 35   | 4 53      | rises.       | 6 31   | 4 56      | rises.       | 6 21   | 5 6       | rises.       |
| 7                 | W                | 6 39  | 4 48      | 5 23         | 6 36   | 4 52      | 5 28         | 6 32   | 4 55      | 5 32         | 6 22   | 5 5       | 5 47         |
| 8                 | Th               | 6 41  | 4 47      | 6 17         | 6 38   | 4 51      | 6 22         | 6 33   | 4 54      | 6 27         | 6 23   | 5 4       | 6 43         |
| 9                 | Fr               | 6 42  | 4 45      | 7 18         | 6 39   | 4 50      | 7 22         | 6 35   | 4 53      | 7 28         | 6 24   | 5 4       | 7 43         |
| 10                | Sa               | 6 43  | 4 44      | 8 20         | 6 41   | 4 49      | 8 25         | 6 36   | 4 52      | 8 30         | 6 25   | 5 3       | 8 44         |
| 11                | S                | 6 44  | 4 43      | 9 25         | 6 42   | 4 48      | 9 28         | 6 37   | 4 51      | 9 32         | 6 26   | 5 2       | 9 44         |
| 12                | M                | 6 45  | 4 41      | 10 28        | 6 43   | 4 47      | 10 31        | 6 38   | 4 50      | 10 34        | 6 26   | 5 1       | 10 42        |
| 13                | Tu               | 6 46  | 4 40      | 11 35        | 6 44   | 4 46      | 11 31        | 6 39   | 4 49      | 11 33        | 6 27   | 5 1       | 11 39        |
| 14                | W                | 6 48  | 4 39      | A. M.        | 6 45   | 4 45      | A. M.        | 6 40   | 4 48      | A. M.        | 6 28   | 5 0       | A. M.        |
| 15                | Th               | 6 49  | 4 38      | 12 29        | 6 46   | 4 44      | 12 30        | 6 41   | 4 47      | 12 31        | 6 29   | 5 0       | 12 33        |
| 16                | Fr               | 6 50  | 4 37      | 1 27         | 6 48   | 4 43      | 1 27         | 6 42   | 4 47      | 1 27         | 6 30   | 4 59      | 1 27         |
| 17                | Sa               | 6 52  | 4 38      | 2 25         | 6 49   | 4 42      | 2 24         | 6 43   | 4 46      | 2 23         | 6 31   | 4 58      | 2 20         |
| 18                | S                | 6 53  | 4 36      | 3 25         | 6 50   | 4 41      | 3 23         | 6 45   | 4 45      | 3 21         | 6 32   | 4 58      | 3 15         |
| 19                | M                | 6 54  | 4 35      | 4 22         | 6 51   | 4 40      | 4 19         | 6 46   | 4 44      | 4 16         | 6 33   | 4 57      | 4 8          |
| 20                | Tu               | 6 55  | 4 34      | 5 22         | 6 52   | 4 40      | 5 18         | 6 47   | 4 44      | 5 14         | 6 34   | 4 57      | 5 3          |
| 21                | W                | 6 56  | 4 34      | 6 21         | 6 54   | 4 39      | 6 16         | 6 48   | 4 43      | 6 12         | 6 35   | 4 56      | 5 58         |
| 22                | Th               | 6 58  | 4 33      | sets.        | 6 55   | 4 38      | sets.        | 6 49   | 4 43      | sets.        | 6 35   | 4 56      | sets.        |
| 23                | Fr               | 6 59  | 4 32      | 5 42         | 6 56   | 4 38      | 5 47         | 6 50   | 4 42      | 5 52         | 6 36   | 4 56      | 6 8          |
| 24                | Sa               | 7 0   | 4 32      | 6 38         | 6 57   | 4 37      | 6 43         | 6 51   | 4 42      | 6 48         | 6 37   | 4 55      | 7 3          |
| 25                | S                | 7 1   | 4 31      | 7 39         | 6 58   | 4 37      | 7 44         | 6 52   | 4 41      | 7 48         | 6 38   | 4 55      | 8 2          |
| 26                | M                | 7 3   | 4 31      | 8 46         | 6 59   | 4 36      | 8 48         | 6 53   | 4 41      | 8 52         | 6 39   | 4 55      | 9 3          |
| 27                | Tu               | 7 4   | 4 31      | 9 52         | 7 0  | 4 36      | 9 55         | 6 54   | 4 40      | 9 57         | 6 40   | 4 55      | 10 5         |
| 28                | W                | 7 5   | 4 30      | 11 1         | 7 1  | 4 36      | 11 4         | 6 55   | 4 40      | 11 4         | 6 41   | 4 55      | 11 9         |
| 29                | Th               | 7 6   | 4 30      | A. M.        | 7 2  | 4 35      | A. M.        | 6 56   | 4 39      | A. M.        | 6 42   | 4 54      | A. M.        |
| 30                | Fr               | 7 7   | 4 30      | 12 11        | 7 3  | 4 35      | 12 11        | 6 57   | 4 39      | 12 12        | 6 43   | 4 54      | 12 13        |

SUN ON MERIDIAN.

| DAY OF MONTH. | DAY OF MONTH. |       | DAY OF MONTH. | DAY OF MONTH. |       | DAY OF MONTH. | DAY OF MONTH. |       | DAY OF MONTH. | DAY OF MONTH. |       |
|---------------|---------------|-------|---------------|---------------|-------|---------------|---------------|-------|---------------|---------------|-------|
|               | H.            | M. S. |               | H.            | M. S. |               | H.            | M. S. |               | H.            | M. S. |
| 1             | 11 43         | 41    | 7             | 11 43         | 47    | 13            | 11 44         | 23    | 19            | 11 45         | 30    |
| 2             | 11 43         | 40    | 8             | 11 43         | 51    | 14            | 11 44         | 32    | 20            | 11 45         | 44    |
| 3             | 11 43         | 40    | 9             | 11 43         | 55    | 15            | 11 44         | 42    | 21            | 11 45         | 59    |
| 4             | 11 43         | 40    | 10            | 11 44         | 1     | 16            | 11 44         | 52    | 22            | 11 46         | 15    |
| 5             | 11 43         | 41    | 11            | 11 44         | 7     | 17            | 11 45         | 4     | 23            | 11 46         | 31    |
| 6             | 11 43         | 44    | 12            | 11 44         | 15    | 18            | 11 45         | 16    | 24            | 11 46         | 48    |

TWILIGHT.

| PLACES.     | Nov. | Begins, A. M. |    | Ends, P. M. | Nov. | Begins, A. M. |    | Ends, P. M. | Nov. | Begins, A. M. |    | Ends, P. M. |
|-------------|------|---------------|----|-------------|------|---------------|----|-------------|------|---------------|----|-------------|
|             |      | H.            | M. |             |      | H.            | M. |             |      | H.            | M. |             |
| Boston..... | 1    | 4             | 58 | 6 29        | 11   | 5             | 9  | 6 19        | 21   | 5             | 20 | 6 12        |
| New York,   | 1    | 4             | 58 | 6 29        | 11   | 5             | 8  | 6 20        | 21   | 5             | 18 | 6 14        |
| Wash' ton,  | 1    | 4             | 57 | 6 30        | 11   | 5             | 7  | 6 21        | 21   | 5             | 16 | 6 16        |
| Charleston  | 1    | 4             | 54 | 6 33        | 11   | 5             | 2  | 6 26        | 21   | 5             | 10 | 6 22        |

| Day of the Month. | Day of the Week. | Calendar for<br>BOSTON.<br>New England, N. Y. State,<br>Michigan, Wisconsin,<br>N. and S. Dakota,<br>and Oregon. |              |                 | Calendar for<br>NEW YORK CITY,<br>Connecticut, Pennsylv-<br>ania, Ohio, Indiana,<br>Illinois, Nebraska, and<br>Northern California. |              |                 | Calendar for<br>WASHINGTON,<br>Virginia, Kentucky,<br>Missouri, Kansas, Colorado,<br>Utah, Nevada,<br>and Central California. |              |                 | Calendar for<br>CHARLESTON,<br>Georgia, Alabama,<br>Louisiana, Texas, New<br>Mexico, Arizona,<br>and Southern California. |              |                 |
|-------------------|------------------|--|--------------|-----------------|---|--------------|-----------------|---|--------------|-----------------|---|--------------|-----------------|
|                   |                  | SUN<br>RISES.  | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.   | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.   | SUN<br>SETS. | MOON<br>R. & S. | SUN<br>RISES.   | SUN<br>SETS. | MOON<br>R. & S. |
|                   |                  | H. M.  | H. M.        | H. M.           | H. M.   | H. M.        | H. M.           | H. M.   | H. M.        | H. M.           | H. M.   | H. M.        | H. M.           |
| 1                 | Sa               | 7 8  | 4 29         | 1 22            | 7 4   | 4 34         | 1 21            | 6 58  | 4 39         | 1 20            | 6 44  | 4 54         | 1 18            |
| 2                 | S                | 7 9  | 4 29         | 2 34            | 7 5   | 4 34         | 2 33            | 6 58  | 4 39         | 2 30            | 6 44  | 4 54         | 2 25            |
| 3                 | M                | 7 10   | 4 28         | 3 48            | 7 6   | 4 33         | 3 45            | 6 59  | 4 38         | 3 42            | 6 45  | 4 54         | 3 32            |
| 4                 | Tu               | 7 11   | 4 28         | 5 0             | 7 7   | 4 33         | 4 57            | 7 0   | 4 38         | 4 53            | 6 46  | 4 54         | 4 41            |
| 5                 | W                | 7 13   | 4 28         | 6 12            | 7 8   | 4 33         | 6 8             | 7 1   | 4 38         | 6 3             | 6 47  | 4 54         | 5 48            |
| 6                 | Th               | 7 14   | 4 28         | rises.          | 7 9   | 4 33         | rises.          | 7 2   | 4 38         | rises.          | 6 48  | 4 54         | rises.          |
| 7                 | Fr               | 7 15   | 4 28         | 6 0             | 7 10  | 4 33         | 6 5             | 7 3   | 4 38         | 6 10            | 6 49  | 4 54         | 6 24            |
| 8                 | Sa               | 7 16   | 4 28         | 7 5             | 7 11  | 4 33         | 7 9             | 7 4   | 4 38         | 7 14            | 6 49  | 4 54         | 7 26            |
| 9                 | S                | 7 17   | 4 28         | 8 11            | 7 12  | 4 33         | 8 14            | 7 5   | 4 38         | 8 17            | 6 50  | 4 54         | 8 27            |
| 10                | M                | 7 17   | 4 28         | 9 14            | 7 13  | 4 33         | 9 16            | 7 6   | 4 38         | 9 19            | 6 51  | 4 54         | 9 26            |
| 11                | Tu               | 7 18   | 4 28         | 10 16           | 7 14  | 4 33         | 10 17           | 7 7   | 4 38         | 10 19           | 6 52  | 4 54         | 10 23           |
| 12                | W                | 7 19   | 4 28         | 11 16           | 7 15  | 4 33         | 11 16           | 7 8   | 4 38         | 11 17           | 6 52  | 4 55         | 11 18           |
| 13                | Th               | 7 20   | 4 28         | A. M.           | 7 15  | 4 33         | A. M.           | 7 8   | 4 39         | A. M.           | 6 53  | 4 55         | A. M.           |
| 14                | Fr               | 7 21   | 4 28         | 12 15           | 7 16  | 4 34         | 12 14           | 7 9   | 4 39         | 12 13           | 6 54  | 4 55         | 12 12           |
| 15                | Sa               | 7 22   | 4 28         | 1 13            | 7 17  | 4 34         | 1 11            | 7 10  | 4 39         | 1 10            | 6 54  | 4 55         | 1 5             |
| 16                | S                | 7 23   | 4 29         | 2 11            | 7 18  | 4 34         | 2 9             | 7 11  | 4 39         | 2 6             | 6 55  | 4 56         | 1 59            |
| 17                | M                | 7 24   | 4 29         | 3 11            | 7 18  | 4 34         | 3 7             | 7 11  | 4 40         | 3 3             | 6 56  | 4 56         | 2 53            |
| 18                | Tu               | 7 25   | 4 29         | 4 9             | 7 19  | 4 35         | 4 5             | 7 12  | 4 40         | 4 1             | 6 56  | 4 57         | 3 48            |
| 19                | W                | 7 25   | 4 29         | 5 8             | 7 20  | 4 35         | 5 3             | 7 13  | 4 40         | 4 59            | 6 57  | 4 57         | 4 44            |
| 20                | Th               | 7 26   | 4 30         | 6 5             | 7 20  | 4 36         | 6 0             | 7 14  | 4 41         | 5 55            | 6 58  | 4 57         | 5 39            |
| 21                | Fr               | 7 26   | 4 30         | sets.           | 7 21  | 4 36         | sets.           | 7 14  | 4 41         | sets.           | 6 58  | 4 58         | sets.           |
| 22                | Sa               | 7 27   | 4 31         | 5 30            | 7 21  | 4 36         | 5 34            | 7 15  | 4 42         | 5 39            | 6 59  | 4 58         | 5 53            |
| 23                | S                | 7 27   | 4 31         | 6 35            | 7 22  | 4 37         | 6 39            | 7 16  | 4 42         | 6 43            | 6 59  | 4 59         | 6 55            |
| 24                | M                | 7 27   | 4 32         | 7 43            | 7 22  | 4 38         | 7 46            | 7 16  | 4 43         | 7 49            | 7 0   | 4 59         | 7 58            |
| 25                | Tu               | 7 28   | 4 32         | 8 53            | 7 23  | 4 38         | 8 54            | 7 17  | 4 43         | 8 56            | 7 0   | 5 0          | 9 2             |
| 26                | W                | 7 28   | 4 33         | 10 2            | 7 23  | 4 39         | 10 3            | 7 17  | 4 44         | 10 4            | 7 0   | 5 0          | 10 6            |
| 27                | Th               | 7 28   | 4 34         | 11 12           | 7 23  | 4 40         | 11 12           | 7 18  | 4 44         | 11 11           | 7 1   | 5 1          | 11 10           |
| 28                | Fr               | 7 29   | 4 34         | A. M.           | 7 24  | 4 40         | A. M.           | 7 18  | 4 45         | A. M.           | 7 1   | 5 1          | A. M.           |
| 29                | Sa               | 7 29   | 4 35         | 12 22           | 7 24  | 4 41         | 12 22           | 7 18  | 4 46         | 12 20           | 7 2   | 5 2          | 12 15           |
| 30                | S                | 7 29   | 4 36         | 1 34            | 7 24  | 4 42         | 1 32            | 7 19  | 4 46         | 1 29            | 7 2   | 5 3          | 1 21            |
| 31                | M                | 7 30   | 4 36         | 2 46            | 7 24  | 4 42         | 2 42            | 7 19  | 4 47         | 2 38            | 7 2   | 5 4          | 2 29            |

SUN ON MERIDIAN.

| DAY OF MONTH. | H. | M. | S. | DAY OF MONTH. | H. | M. | S. | DAY OF MONTH. | H. | M. | S. | DAY OF MONTH. | H. | M. | S. |
|---------------|----|----|----|---------------|----|----|----|---------------|----|----|----|---------------|----|----|----|
| 1             | 11 | 49 | 10 | 8             | 11 | 52 | 2  | 14            | 11 | 54 | 48 | 20            | 11 | 57 | 45 |
| 2             | 11 | 49 | 33 | 9             | 11 | 52 | 28 | 15            | 11 | 55 | 17 | 21            | 11 | 58 | 15 |
| 3             | 11 | 49 | 56 | 10            | 11 | 52 | 55 | 16            | 11 | 55 | 46 | 22            | 11 | 58 | 45 |
| 4             | 11 | 50 | 20 | 11            | 11 | 53 | 23 | 17            | 11 | 56 | 15 | 23            | 11 | 59 | 15 |
| 5             | 11 | 50 | 45 | 12            | 11 | 53 | 51 | 18            | 11 | 56 | 45 | 24            | 11 | 59 | 45 |
| 6             | 11 | 51 | 10 | 13            | 11 | 54 | 19 | 19            | 11 | 57 | 15 | 25            | 12 | 0  | 15 |
| 7             | 11 | 51 | 36 |               |    |    |    |               |    |    |    |               |    |    |    |

TWILIGHT.

| PLACES.     | Dec. | Begins, A. M. |    | Ends, P. M. |    | Dec. | Begins, A. M. |    | Ends, P. M. |    |    |   |    |   |    |
|-------------|------|---------------|----|-------------|----|------|---------------|----|-------------|----|----|---|----|---|----|
|             |      | H.            | M. | H.          | M. |      | H.            | M. | H.          | M. |    |   |    |   |    |
| Boston..... | 1    | 5             | 29 | 6           | 9  | 11   | 5             | 38 | 6           | 9  | 21 | 5 | 45 | 6 | 12 |
| New York.   | 1    | 5             | 27 | 6           | 11 | 11   | 5             | 36 | 6           | 11 | 21 | 5 | 42 | 6 | 14 |
| Wash'ton.,  | 1    | 5             | 25 | 6           | 13 | 11   | 5             | 33 | 6           | 14 | 21 | 5 | 40 | 6 | 17 |
| Charleston. | 1    | 5             | 17 | 6           | 20 | 11   | 5             | 25 | 6           | 22 | 21 | 5 | 31 | 6 | 26 |

## Facts About the Earth.

ACCORDING to Clark, the equatorial semi-diameter is 20,926,202 feet=3963,296 miles, and the polar semi-diameter is 20,854,895 feet=3950,738 miles. One degree of latitude at the pole=69,407 miles. One degree of latitude at the equator=68,704 miles.

POPULATION OF THE EARTH BY CONTINENTS.  
(From Proceedings of the Royal Geographical Society for January, 1891.)

| CONTINENTAL DIVISIONS. | Area in Square Miles. | INHABITANTS. |               | CONTINENTAL DIVISIONS. | Area in Square Miles. | INHABITANTS.  |               |
|------------------------|-----------------------|--------------|---------------|------------------------|-----------------------|---------------|---------------|
|                        |                       | Number.      | Per Sq. Mile. |                        |                       | Number.       | Per Sq. Mile. |
| Africa .....           | 11,514,000            | 127,000,000  | 11.0          | Europe.....            | 3,555,000             | 380,200,000   | 106.9         |
| America, N.....        | 6,446,000             | 89,250,000   | 13.8          | Polar Reg.....         | 4,888,800             | 300,000       | 0.7           |
| America, S.....        | 6,837,000             | 36,420,000   | 5.3           | Total.....             | 51,238,800            | 1,487,900,000 | 29.0          |
| Asia .....             | 14,710,000            | 850,000,000  | 57.7          |                        |                       |               |               |
| Australasia .....      | 3,288,000             | 4,730,000    | 1.4           |                        |                       |               |               |

The above estimate was made by Ernest George Ravenstein, F.R.G.S., the geographer and statistician, and is for 1890.

An estimate of population of the earth, made by Drs. Wagner and Supan, editors of "Bevölkerung der Erde" (Perthes, Gotha, 1891), is as follows: Europe, 357,379,000; Asia, 825,954,000; Africa, 163,953,000; America, 121,713,000; Australia, 3,230,000; Oceanic Islands, 7,420,000; polar regions, 80,400. Total, 1,479,729,400. The estimate of area of the continents and islands by the same authorities is 52,821,684.

Ravenstein's estimate of the earth's fertile region, in square miles, is 28,269,200; steppe, 13,901,000; desert, 4,180,000; polar region, 4,888,800.

The population of the earth at the death of the Emperor Augustus, estimated by Bodio, was 54,000,000. The population of Europe hardly exceeded 50,000,000 before the fifteenth century.—*Mulhall*.

The area and cubic contents of the earth, according to the data of Clark, given above, are: Surface, 196,971,984 square miles; cubic contents, 259,944,035,515 cubic miles.

Murray (Challenger expedition) states the greatest depth of the Atlantic Ocean at 27,366 feet; Pacific Ocean, 30,000 feet; Indian Ocean, 18,582 feet; Southern Ocean, 25,200 feet; Arctic Ocean, 9,000 feet. The Atlantic Ocean has an area, in square miles, of 24,536,000; Pacific Ocean, 50,309,000; Indian Ocean, 17,084,000; Arctic Ocean, 4,781,000; Southern Ocean, 30,592,000. The highest mountain is believed to be Deodhunga, one of the Himalayas, 29,002 feet.

For population of the earth according to creed, see RELIGIOUS STATISTICS.

POPULATION OF THE EARTH ACCORDING TO RACE.  
(Estimated by John Bartholomew, F.R.G.S., Edinburgh.)

| RACE.   | Location.                  | Number.     | RACE.                              | Location.                | Number.       |
|---|----------------------------|-------------|------------------------------------|--------------------------|---------------|
| Indo-Germanic or Aryan (white).....           | Europe, Persia, etc.....   | 545,500,000 | Hottentot and Bushman (black)..... | South Africa             | 150,000       |
| Mongolian or Turanian (yellow and brown)..... | (Greater part of Asia..... | 630,000,000 | Malay and Polynesian (brown).....  | Australasia & Polynesia  | 35,000,000    |
| Semitic or Hamitic (white).....               | North Africa, Arabia.....  | 65,000,000  | American Indian (red).....         | North & So. America..... | 15,000,000    |
| Negro and Bantu (black).....                  | Central Africa.....        | 150,000,000 | Total.....                         | .....                    | 1,410,650,000 |

The human family is subject to forty-four principal governments. As to their form they may be classified as follows: *Absolute monarchies*, China, Korea, Morocco, Persia, Russia, Siam, Turkey; *Limited monarchies*, Austria-Hungary, Belgium, British Empire, Denmark, Germany, Greece, Italy, Japan, Netherlands, Portugal, Roumania, Servia, Sweden and Norway, Spain; *Republics*, Argentine Republic, Bolivia, Brazil, Chile, Colombia, Costa Rica, Ecuador, France, Guatemala, Hayti, Honduras, Mexico, Nicaragua, Orange Free State, Paraguay, Peru, Salvador, San Domingo, Switzerland, Transvaal, United States of America, Uruguay, Venezuela. Besides these are the undefined despotisms of Central and South Africa, and a few insignificant independent States.

The average duration of human life is about 33 years. One-quarter of the people on the earth die before age 6, one-half before age 16, and only about 1 person of each 100 born lives to age 65. The deaths are calculated at 67 per minute, 97,790 per day, and 35,639,835 per year; the births at 70 per minute, 100,800 per day, and 36,792,000 per year.

### EUROPEAN LANGUAGES SPOKEN.

| LANGUAGES.    | NUMBER OF PERSONS SPOKEN BY. |             | PROPORTION OF THE WHOLE. | LANGUAGES.    | NUMBER OF PERSONS SPOKEN BY. |             | PROPORTION OF THE WHOLE. |
|---------------|------------------------------|-------------|--------------------------|---------------|------------------------------|-------------|--------------------------|
|               | 1801.                        | 1890.       |                          |               | 1801.                        | 1890.       |                          |
| English ..... | 20,520,000                   | 111,100,000 | 12.7                     | Portuguese    | 7,480,000                    | 13,000,000  | 4.7                      |
| French .....  | 31,450,000                   | 51,200,000  | 19.4                     | Russian ..... | 30,770,000                   | 75,000,000  | 19.0                     |
| German.....   | 30,320,000                   | 75,200,000  | 18.7                     | Total .....   | 161,800,000                  | 401,700,000 | 100.0                    |
| Italian.....  | 15,070,000                   | 33,400,000  | 9.3                      |               |                              |             |                          |
| Spanish ..... | 26,190,000                   | 42,800,000  | 16.2                     |               |                              |             |                          |

These estimates by Mulhall (1891) exhibit the superior growth of the English language in the last ninety years. Another authority (see "English-Speaking Religions Communities") estimates the number using the English language in 1895 at over 124,130,000. English is fast becoming the polite tongue of Europe.

## Races of Mankind.

THE following is compiled from the arrangement by the Ethnologist Figuler and others:

|                          |   | WHITE RACE.  |  |
|--------------------------|---|--|--|
| European Branch.         | { | Teutonic Family.....   | Scandinavians, Germans, English.   |
|                          |   | Latin Family.....  | French, Spaniards, Italians, Moldo-Wallachians.                                      |
|                          |   | Slavonian Family.....  | Russians, Poles, Bulgarians, Servians, Magyars, Croats, Tchecks, Poles, Lithuanians. |
|                          |   | Greek Family.....  | Greeks, Albanians.   |
| Aramean Branch.          | { | Libyan Family.....   | Egyptians, Berbers.  |
|                          |   | Semitic Family.....  | Arabs, Jews, Syrians.  |
|                          |   | Persian Family.....  | Persians, Afghans, Kurds, Armenians, Ossetines.                                      |
|                          |   | Georgian Family.....   | Georgians.   |
| Circassian Family.....   | { | Circassians, Mingrelians.  |  |
|                          |   | YELLOW RACE.   |  |
| Hyperborean Branch.      | { | Lapp Family.....   | Samoiede, Kamtschadale, Esquimau, Tenissian, Jukaghirite, and Koriak Families.       |
|                          |   | Mongol Family.....   | Mongols, Kalmucks, Buriats.  |
| Mongolian Branch.        | { | Tunguse Family.....  | Tunguses, Manchus.   |
|                          |   | Turk Family.....   | Turcomans, Kirghis, Nogays, Osmanlis.  |
| Sinaic Branch.           | { | Yakut Family.....  | Yakuts.  |
|                          |   | Chinese Family.....  | Chinese.   |
|                          |   | Japanese Family.....   | Japanese.  |
| Indo-Chinese Family..... | { | Burmese, Siamese.  |  |
|                          |   | BROWN RACE.  |  |
| Hindoo Branch.           | { | Hindoo Family.....   | Sikhs, Jats, Rajpoots, Mahrattas, Bengalese, Cingalese.                              |
|                          |   | Malabar Family.....  | Malabars, Tamals, Telingas.  |
| Ethiopian Branch.        | { | Abyssinian Family.....   | Abyssinians, Berabras, Galias.   |
|                          |   | Fellan Family.....   | Fellans.   |
| Malay Branch.            | { | Malay Family.....  | Malays, Javanese, Battas, Bougis, Maccassars, Dyaks, Togals.                         |
|                          |   | Polynesian Family.....   | Maoris, Tongas, Tahitians, Pomotouans, Marquesaus, Sandwichians.                     |
| Micronesian Family.....  | { | Ladrone, Caroline, and Mulgrave Islanders.                           |  |
|                          |   | RED RACE.  |  |
| Southern Branch.         | { | Andian Family.....   | Quichuas (or Incas), Antis, Andians, Aracantians.                                    |
|                          |   | Pampean Family.....  | Patagonians, Puelches, Charruas, Tobas, Moxas, Abipous, Etc.                         |
| Northern Branch.         | { | Guarani Family.....  | Guaranis, Bocotudos.   |
|                          |   | Southern Family.....   | Aztecs, Mayas, Lencas, Othomis, Tarascas, Etc.                                       |
| Northwestern Family..... | { | Cherokees, Hurons, Iroquois, Sioux, Apaches, Comanches, Creeks, Etc. |  |
|                          |   | Northwestern Family.....   |  |
|                          |   | BLACK RACE.  |  |
| Western Branch.          | { | Caffre Family.....   |  |
|                          |   | Hottentot Family.....  |  |
| Eastern Branch.          | { | Negro Family.....  |  |
|                          |   | Papuan Family.....   | Fijians, New Caledonians, Etc.   |
| Audaman Family.....      | { | Andamans, Australians.   |  |

## Specific Gravity.\*

| Liquids.             | Timber.          | Sundries.        | Metals and Stones. |
|----------------------|------------------|------------------|--------------------|
| Water.....100        | Cork.....24      | Indigo.....77    | Granite.....278    |
| Sea-water.....103    | Poplar.....38    | Ice.....92       | Diamond.....353    |
| Dead Sea.....124     | Fir.....55       | Gunpowder.....93 | Cast iron.....721  |
| Alcohol.....84       | Cedar.....61     | Butter.....94    | Tin.....729        |
| Turpentine.....99    | Pear.....66      | Clay.....120     | Bar iron.....779   |
| Wine.....100         | Walnut.....67    | Coal.....130     | Steel.....783      |
| Urine.....101        | Cherry.....72    | Opium.....134    | Brass.....840      |
| Cider.....102        | Maple.....75     | Honey.....145    | Copper.....895     |
| Beer.....102         | Ash.....84       | Ivory.....183    | Silver.....1,047   |
| Woman's milk.....102 | Beach.....85     | Sulphur.....203  | Lead.....1,135     |
| Cow's ".....103      | Mahogany.....106 | Marble.....270   | Mercury.....1,357  |
| Goat's ".....104     | Oak.....117      | Chalk.....279    | Gold.....1,926     |
| Porter.....104       | Ebony.....133    | Glass.....289    | Platina.....2,150  |

The weight of a cubic foot of distilled water at a temperature of 60° F. is 1,000 ounces Avoirdupois, very nearly, therefore the weight (in ounces, Avoirdupois) of a cubic foot of any of the substances in the above table is found by multiplying the specific gravities by 10, thus:—one cubic foot of oak weighs 1,170 ounces; one cubic foot of marble 2,700 ounces, and so on. \* Compared with water.

## Freezing, Fusing, and Boiling Points.

| SUBSTANCES.                 | Reaumr. | Centigrade. | Fahren-heit. | SUBSTANCES.           | Reaumr. | Centigrade. | Fahren-heit. |
|-----------------------------|---------|-------------|--------------|-----------------------|---------|-------------|--------------|
| Bromine freezes at.....     | -17.60  | -22°        | -7.60        | Silver fuses at.....  | 800°    | 1,000°      | 1,832°       |
| Olive oil freezes at.....   | 8       | 10          | 50           | Sodium fuses at.....  | 76.5    | 95.6        | 204          |
| Quicksilver freezes at..... | -31.5   | -39.4       | -39          | Sulphur fuses at..... | 93      | 115         | 239          |
| Water freezes at.....       | 0       | 0           | 32           | Tin fuses at.....     | 183     | 228         | 442          |
| Bismuth metal fuses at..... | 211     | 264         | 507          | Zinc fuses at.....    | 329.6   | 412         | 773          |
| Copper fuses at.....        | 963     | 1,204       | 2,200        | Alcohol boils at..... | 63      | 74.4        | 167          |
| Gold fuses at.....          | 1,105   | 1,380       | 2,513        | Bromine boils at..... | 50      | 63          | 145          |
| Iron fuses at.....          | 1,250   | 1,538       | 3,800        | Ether boils at.....   | 28.4    | 35.5        | 96           |
| Lead fuses at.....          | 260     | 325         | 617          | Iodine boils at.....  | 140     | 175         | 347          |
| Potassium fuses at.....     | 50      | 62.5        | 144.5        | Water boils at.....   | 80      | 100         | 212          |

Authorities vary on some of these points. The best are given.



## The Geological Strata.

THE strata composing the earth's crust is divided by most geologists into two great classes: 1. Those generally attributed to the agency of water. 2. To the action of fire; which may be subdivided as follows: (a) Aqueous formations, stratified, rarely crystalline (sedimentary or fossiliferous rocks; metamorphic or unfossiliferous). (b) Igneous formations, unstratified, crystalline (volcanic, as basalt; plutonic, as granite).

The geological record is classified into five main divisions or periods: 1. The Archæan, lifeless and dawn of life. 2. The Palæozoic (ancient life). 3. The Mesozoic (middle life). 4. The Cenozoic (recent life). 5. Quaternary, the age in which man's first appearance is indicated.

| PERIODS.           |                       | Eras.                        |               | Series.   | Subdivisions.   |  |
|--------------------|-----------------------|------------------------------|---------------|---|---|--|
| Quaternary Period. | Age of Primeval Man.  | Quaternary or Post Tertiary. |               | 3. Recent.<br>2. Champlain.<br>1. Glacial.  | Pleistocene.  |  |
|                    | Age of Mammals.       |                              | Tertiary Era. | 4. Pliocene.<br>3. Miocene.<br>2. Oligocene.<br>1. Eocene.                                | English Crag.<br>Upper Molasse.<br>Rupelian and Tongrian of Belgium.  |  |
| Mesozoic Period.   | Age of Reptiles.      |                              |               | Cretaceous Era.   | 4. Laramie.<br>3. Colorado.<br>2. Dakota.<br>1. Lower.  | Upper Chalk.<br>Lower Chalk. Chalk Marl.<br>Gault.<br>Neocomian. Lower Greensand.  |
|                    |                       |                              | Jura-Trias.   |   | 3. Purbeck.<br>2. Oölite.<br>1. Lias.   | Wealden.<br>Purbeck, Portland, Kimmeridge.<br>Oxford Oörites. Lower or Bath Oölite.<br>1. Lower Lias. 2. Marlstone. 3. Upper Lias.   |
|                    |                       |                              |               | 7 Triassic.   | 4. Rhaetic.<br>3. Upper.<br>2. Middle.<br>1. Lower.   | Kössen beds, Dachstein beds; Alpine Keuper. [Trias, in part.<br>Muschelkalk Bunter-Sandstein.  |
|                    |                       |                              |               |   |   |  |
| Palæozoic Period.  | Age of Coal Plants.   | Carboniferous Era.           | Devonian Era. | 5. Catskill and Chemung.<br>4. Portage.<br>3. Hamilton.<br>2. Coniferous.<br>1. Oriskany. | Catskill Red Sandstone. }<br>Chemung. }<br>Portage. }<br>Genesee Slate. }<br>Hamilton beds. }<br>Marcellus Shale. }<br>Upper Helderberg, Schorharie, Grit. }<br>Oriskany Sandstone. } |  |
|                    | Age of Fishes.        |                              |               | Upper Silurian.   | 3. Lower Helderberg.<br>2. Onondaga.<br>1. Niagara.   | Lower Helderberg.<br>Onondaga Salt Group. Salina beds.<br>Water Lime.<br>3. Niagara Group. Wenlock Group.<br>2. Clinton Group. } Upper<br>1. Medina Sandstone. } Llandovery. |
|                    | Age of Invertebrates. |                              |               |   | Lower Silurian.   | 3. Trenton.<br>2. Chazy.<br>1. Calciferous.  |
|                    |                       |                              |               |   |   | Cambrian.  |
| Archæan Period.    |                       |                              |               | Eozoic (dawn of life).<br>Azoic (lifeless).   | 1. Laurentian. Huronian.  |  |

## Table of Magnetic Declinations,

OR VARIATIONS OF THE COMPASS FOR THE EPOCH JANUARY, 1900—WITH THE ANNUAL CHANGE FROM 1895 TO 1900 FOR THE PRINCIPAL PLACES IN THE UNITED STATES.

A plus (+) sign denotes West Declination; a minus (−) sign East Declination. For the annual change a plus sign denotes increasing West or decreasing East declination, and a minus sign the reverse.

(Specially prepared for THE WORLD ALMANAC from reports of the United States Coast and Geodetic Survey.)

| STATE OR TERRITORY. | STATION.           | Approximate Latitude. |       | Approximate Longitude. |       | Variation January 1900. |    | Annual Change. |                    | STATE OR TERRITORY. | STATION.         | Approximate Latitude. |       | Approximate Longitude. |       | Variation January 1900. |    | Annual Change. |       |       |
|---------------------|--------------------|-----------------------|-------|------------------------|-------|-------------------------|----|----------------|--------------------|---------------------|------------------|-----------------------|-------|------------------------|-------|-------------------------|----|----------------|-------|-------|
|                     |                    | o                     | '     | o                      | '     | o                       | '  | o              | '                  |                     |                  | o                     | '     | o                      | '     | o                       | '  | o              | '     | o     |
| Ala. ....           | Montgomery.....    | 32                    | 27    | 86                     | 18    | −                       | 2  | 36             | + 3.6              | Miss.....           | Oxford.....      | 34                    | 22    | 89                     | 33    | −                       | 5  | 24             | + 4.0 |       |
|                     | Mobile.....        | 30                    | 42    | 88                     | 3     | −                       | 4  | 20             | + 4.3              |                     | Mo.....          | Jefferson City.....   | 38    | 35                     | 92    | 9                       | −  | 7              | 12    | + 4.2 |
|                     | Florence.....      | 34                    | 48    | 87                     | 43    | −                       | 3  | 48             | + 3.2              |                     |                  | St. Louis.....        | 38    | 38                     | 90    | 16                      | −  | 5              | 0     | + 4.2 |
| Alaska.....         | Sitka.....         | 57                    | 3     | 135                    | 20    | −                       | 29 | 45             | + 2.0              | Mon.....            | Kansas City..... | 39                    | 7     | 94                     | 38    | −                       | 8  | 48             | + 4.0 |       |
|                     | St. Paul.....      | 57                    | 48    | 152                    | 22    | −                       | 24 | 15             | + 5.0              |                     | Neb.....         | Helena.....           | 46    | 37                     | 112   | 2                       | −  | 19             | 6     | + 1.9 |
|                     | St. Michael.....   | 63                    | 29    | 162                    | 1     | −                       | 32 | 6              | + 7.0              | Lincoln.....        |                  | 41                    | 16    | 95                     | 56    | −                       | 10 | 12             | + 3.5 |       |
| Ariz.....           | Fort Yukon.....    | 66                    | 34    | 145                    | 18    | −                       | 34 | 30             | + 5.0              | Nevada.....         | Omaha.....       | 41                    | 16    | 95                     | 56    | −                       | 8  | 54             | + 4.1 |       |
|                     | Cape Smyth.....    | 71                    | 18    | 156                    | 39    | −                       | 32 | 30             | + 12.0             |                     | Carson City..... | 39                    | 10    | 119                    | 46    | −                       | 16 | 36             | + 1.0 |       |
|                     | Prescott.....      | .....                 | ..... | .....                  | ..... | −                       | 13 | 30             | + 1.5              | Eureka.....         | 39               | 31                    | 115   | 58                     | −     | 16                      | 12 | + 1.5          |       |       |
| Ark.....            | Yuma.....          | 32                    | 44    | 114                    | 37    | −                       | 13 | 12             | + 1.0              | N. H.....           | Concord.....     | 43                    | 12    | 71                     | 29    | −                       | 12 | 24             | + 2.0 |       |
|                     | Nogales.....       | 31                    | 20    | 110                    | 56    | −                       | 12 | 6              | + 1.5              |                     | N. J.....        | 40                    | 13    | 74                     | 44    | −                       | 7  | 54             | + 3.0 |       |
|                     | Little Rock.....   | 34                    | 44    | 92                     | 16    | −                       | 6  | 36             | + 4.3              | N. Mex.....         | Santa Fé.....    | 35                    | 41    | 105                    | 57    | −                       | 12 | 24             | + 1.7 |       |
| Sacramento.....     | 38                 | 36                    | 121   | 30                     | −     | 16                      | 0  | 0.0            | N. Y.....          |                     | 42               | 40                    | 73    | 45                     | −     | 11                      | 6  | + 3.2          |       |       |
| Cal.....            | San Francisco..... | 37                    | 48    | 122                    | 27    | −                       | 16 | 42             | − 0.1              | New York.....       | .....            | 40                    | 43    | 74                     | 0     | −                       | 9  | 6              | + 3.6 |       |
|                     | Los Angeles.....   | 34                    | 4     | 118                    | 15    | −                       | 14 | 18             | + 1.0              |                     | Ithaca.....      | 42                    | 27    | 76                     | 29    | −                       | 7  | 30             | + 6.1 |       |
|                     | San Diego.....     | 32                    | 43    | 117                    | 10    | −                       | 13 | 42             | + 1.5              | Buffalo.....        | 42               | 55                    | 78    | 54                     | −     | 6                       | 0  | + 4.0          |       |       |
| Col.....            | Denver.....        | 39                    | 45    | 105                    | 0     | −                       | 13 | 30             | + 3.3              | N. C.....           | Raleigh.....     | 35                    | 47    | 78                     | 38    | −                       | 1  | 48             | + 3.0 |       |
|                     | Hartford.....      | 41                    | 46    | 72                     | 40    | + 10                    | 24 | + 2.8          | Wilmington.....    |                     | 34               | 13                    | 77    | 56                     | −     | 1                       | 36 | + 2.5          |       |       |
| Conn.....           | New Haven.....     | 41                    | 18    | 72                     | 55    | −                       | 9  | 54             | + 3.1              | N. Dak.....         | Bismarck.....    | 46                    | 48    | 100                    | 47    | −                       | 14 | 36             | + 3.0 |       |
|                     | Dover.....         | 39                    | 9     | 75                     | 31    | + 6                     | 27 | + 3.0          | Pembina.....       |                     | 48               | 58                    | 97    | 14                     | −     | 11                      | 6  | + 4.8          |       |       |
| Del.....            | Washington.....    | 38                    | 53    | 77                     | 0     | + 4                     | 50 | + 3.0          | Ohio.....          | Columbus.....       | 40               | 0                     | 83    | 0                      | −     | 0                       | 36 | + 4.5          |       |       |
|                     | Tallahassee.....   | 30                    | 26    | 84                     | 17    | −                       | 2  | 0              |                    | + 4.0               | Cleveland.....   | 41                    | 30    | 81                     | 42    | −                       | 2  | 30             | + 2.7 |       |
| Florida.....        | Jacksonville.....  | 30                    | 20    | 81                     | 39    | −                       | 0  | 54             | + 3.5              | Okla.....           | Cincinnati.....  | 39                    | 8     | 84                     | 25    | −                       | 1  | 18             | + 3.3 |       |
|                     | Key West.....      | 24                    | 33    | 81                     | 48    | −                       | 2  | 42             | + 2.8              |                     | Guthrie.....     | .....                 | ..... | .....                  | ..... | −                       | 9  | 0              | + 3.0 |       |
|                     | Atlanta.....       | 32                    | 4     | 84                     | 22    | −                       | 1  | 36             | + 3.7              | Oregon.....         | Portland.....    | 45                    | 31    | 122                    | 41    | −                       | 22 | 30             | + 0.6 |       |
| Savannah.....       | 32                 | 5                     | 81    | 5                      | −     | 0                       | 48 | + 3.6          | Pa.....            |                     | Harrisburg.....  | 40                    | 16    | 76                     | 53    | −                       | 6  | 0              | + 1.7 |       |
| Idaho.....          | Boise.....         | .....                 | ..... | .....                  | ..... | −                       | 18 | 20             |                    | + 1.5               | Philadelph.....  | .....                 | 39    | 58                     | 75    | 10                      | −  | 7              | 42    | + 3.6 |
|                     | Springfield.....   | 39                    | 50    | 89                     | 39    | −                       | 4  | 12             | + 4.5              | Pittsburgh.....     |                  | 40                    | 28    | 80                     | 1     | −                       | 3  | 36             | + 2.9 |       |
| Illinois.....       | Chicago.....       | 41                    | 54    | 87                     | 37    | −                       | 2  | 54             | + 4.4              | R. I.....           | Providence.....  | 41                    | 50    | 71                     | 24    | −                       | 12 | 0              | + 2.5 |       |
|                     | Atoka.....         | 34                    | 24    | 96                     | 5     | −                       | 8  | 0              | + 3.0              |                     | S. C.....        | Columbia.....         | 34    | 0                      | 81    | 2                       | −  | 0              | 24    | + 3.0 |
| Ind. Ter.....       | Indianapolis.....  | 39                    | 47    | 86                     | 8     | −                       | 1  | 36             | + 4.3              | Charleston.....     |                  | .....                 | 32    | 47                     | 79    | 56                      | −  | 0              | 30    | + 2.3 |
|                     | Fort Wayne.....    | 41                    | 3     | 85                     | 3     | −                       | 0  | 42             | + 4.0              |                     | Pierre.....      | 44                    | 22    | 100                    | 22    | −                       | 12 | 30             | + 3.4 |       |
| Iowa.....           | Des Moines.....    | 41                    | 36    | 93                     | 36    | −                       | 7  | 42             | + 5.1              | Tenn.....           | Nashville.....   | 36                    | 9     | 86                     | 48    | −                       | 0  | 36             | + 4.7 |       |
|                     | Dubuque.....       | 42                    | 30    | 90                     | 44    | −                       | 5  | 24             | + 5.0              |                     | Knoxville.....   | 35                    | 58    | 83                     | 55    | −                       | 0  | 12             | + 4.3 |       |
| Kansas.....         | Topeka.....        | .....                 | ..... | .....                  | ..... | −                       | 8  | 48             | + 4.3              | Memphis.....        | .....            | 35                    | 8     | 90                     | 3     | −                       | 5  | 16             | + 4.4 |       |
|                     | Wichita.....       | 37                    | 40    | 97                     | 20    | −                       | 9  | 30             | + 3.0              |                     | Austin.....      | 30                    | 17    | 97                     | 44    | −                       | 7  | 54             | + 2.8 |       |
| Ky.....             | Frankfort.....     | .....                 | ..... | .....                  | ..... | −                       | 1  | 30             | + 3.2              | San Antonio.....    | .....            | 29                    | 27    | 98                     | 28    | −                       | 8  | 18             | + 3.8 |       |
|                     | Paducah.....       | 37                    | 5     | 88                     | 37    | −                       | 4  | 24             | + 4.4              |                     | Houston.....     | 29                    | 42    | 95                     | 20    | −                       | 7  | 12             | + 3.5 |       |
| La.....             | Louisville.....    | 38                    | 15    | 85                     | 46    | −                       | 1  | 24             | + 4.0              | Galveston.....      | .....            | 29                    | 18    | 96                     | 27    | −                       | 6  | 54             | + 4.0 |       |
|                     | Baton Rouge.....   | 30                    | 27    | 91                     | 11    | −                       | 5  | 42             | + 3.5              |                     | El Paso.....     | 31                    | 46    | 104                    | 29    | −                       | 11 | 20             | + 2.7 |       |
|                     | New Orleans.....   | 30                    | 0     | 90                     | 5     | −                       | 5  | 12             | + 4.3              | Salt Lake.....      | 40               | 46                    | 111   | 54                     | −     | 16                      | 6  | + 2.1          |       |       |
| Maine.....          | Shreveport.....    | 32                    | 30    | 93                     | 45    | −                       | 6  | 36             | + 3.5              | Oden.....           | .....            | 41                    | 13    | 112                    | 0     | −                       | 17 | 0              | + 2.1 |       |
|                     | Augusta.....       | .....                 | ..... | .....                  | ..... | −                       | 16 | 0              | + 1.5              |                     | Montpelier.....  | .....                 | 44    | 17                     | 72    | 36                      | −  | 14             | 0     | + 2.5 |
|                     | Portland.....      | 43                    | 39    | 70                     | 17    | −                       | 14 | 24             | + 2.0              | Burlington.....     |                  | 44                    | 28    | 73                     | 12    | −                       | 12 | 30             | + 2.2 |       |
| Md.....             | Eastport.....      | 44                    | 54    | 66                     | 59    | + 19                    | 0  | 0.0            | Richmond.....      | .....               | 37               | 32                    | 77    | 26                     | −     | 3                       | 42 | + 3.2          |       |       |
|                     | Annapolis.....     | 38                    | 59    | 76                     | 29    | −                       | 5  | 30             |                    | + 2.8               | Norfolk.....     | 36                    | 50    | 76                     | 17    | −                       | 4  | 0              | + 2.8 |       |
|                     | Baltimore.....     | 39                    | 16    | 76                     | 35    | −                       | 5  | 24             | + 2.8              | Lynchburg.....      | 37               | 25                    | 79    | 9                      | −     | 2                       | 12 | + 3.5          |       |       |
| Mass.....           | Boston.....        | 42                    | 22    | 71                     | 4     | −                       | 12 | 18             | + 1.6              | Wash. ....          | Olympia.....     | 47                    | 2     | 122                    | 54    | −                       | 22 | 30             | − 1.7 |       |
|                     | Springfield.....   | 42                    | 6     | 73                     | 32    | + 11                    | 12 | + 2.5          | Walla Walla.....   |                     | 46               | 4                     | 118   | 21                     | −     | 21                      | 6  | − 1.5          |       |       |
|                     | Lansing.....       | .....                 | ..... | .....                  | ..... | −                       | 0  | 50             | + 4.0              | Charleston.....     | 38               | 21                    | 81    | 38                     | −     | 2                       | 0  | + 3.5          |       |       |
| Mich.....           | Detroit.....       | 42                    | 21    | 83                     | 3     | + 1                     | 12 | + 2.3          | Wheeling.....      | .....               | 40               | 3                     | 80    | 44                     | −     | 1                       | 6  | + 3.5          |       |       |
|                     | Marquette.....     | 46                    | 33    | 87                     | 22    | −                       | 2  | 24             |                    | + 4.0               | Madison.....     | 43                    | 4     | 89                     | 25    | −                       | 5  | 12             | + 3.8 |       |
| Minn.....           | St. Paul.....      | 44                    | 58    | 93                     | 8     | −                       | 8  | 42             | + 5.2              | Milwaukee.....      | .....            | 43                    | 4     | 87                     | 53    | −                       | 3  | 36             | + 5.4 |       |
|                     | Duluth.....        | 46                    | 46    | 92                     | 4     | −                       | 12 | + 2.1          | Superior City..... |                     | 46               | 40                    | 92    | 4                      | −     | 9                       | 30 | + 2.1          |       |       |
| Miss.....           | Jackson.....       | 32                    | 19    | 90                     | 12    | −                       | 5  | 36             | + 3.5              | Wy.....             | Cheyenne.....    | 41                    | 8     | 104                    | 49    | −                       | 14 | 12             | + 3.0 |       |

## EXTREME VALUES.

|            |                              |    |    |    |    |     |    |   |     |             |                    |    |    |     |   |     |    |       |
|------------|------------------------------|----|----|----|----|-----|----|---|-----|-------------|--------------------|----|----|-----|---|-----|----|-------|
| Maine..... | Mo. of Green R. (Brunswick). | 47 | 19 | 68 | 10 | +21 | 18 | − | 1.0 | Alaska..... | Demarcation Point. | 89 | 41 | 141 | 0 | −40 | 30 | +10.0 |
|------------|------------------------------|----|----|----|----|-----|----|---|-----|-------------|--------------------|----|----|-----|---|-----|----|-------|

## CONQUESTS.

|             |               |    |    |    |    |     |    |       |                  |               |               |    |     |     |    |   |    |       |       |
|-------------|---------------|----|----|----|----|-----|----|-------|------------------|---------------|---------------|----|-----|-----|----|---|----|-------|-------|
| Cuba.....   | Havana.....   | 23 | 8  | 82 | 22 | −   | 2  | 48    | + 3.8            | Haw's Islands | Honolulu..... | 21 | 18  | 157 | 52 | − | 10 | 12    | − 1.8 |
| Porto Rico. | Santiago..... | 20 | 0  | 75 | 50 | −   | 0  | 48    | + 3.0            | Waimea.....   | 20            | 2  | 155 | 38  | −  | 9 | 20 | − 1.8 |       |
|             | San Juan..... | 18 | 29 | 66 | 7  | + 0 | 45 | + 2.0 | Philippines..... | Manila.....   | 14            | 35 | *   | 0   | −  | 0 | 58 | + 0.9 |       |
| Ponce.....  | .....         | 17 | 59 | 66 | 40 | + 0 | 35 | + 2.0 |                  |               |               |    |     |     |    |   |    |       |       |

\* Manila, 120° 58' East.

**Thermometers.**

COMPARATIVE SCALES.

| Rean-<br>mar,<br>80°. | Centi-<br>grade,<br>100°. | Fahr-<br>enheit,<br>212°. |                                  |
|-----------------------|---------------------------|---------------------------|----------------------------------|
| 76                    | 95                        | 203                       | WATER BOILS<br>AT SEA-<br>LEVEL. |
| 72                    | 90                        | 194                       |                                  |
| 68                    | 85                        | 185                       |                                  |
| 63.1                  | 78.9                      | 174                       |                                  |
| 60                    | 75                        | 167                       | Alcohol Boils.                   |
| 56                    | 70                        | 158                       |                                  |
| 52                    | 65                        | 149                       |                                  |
| 48                    | 60                        | 140                       |                                  |
| 44                    | 55                        | 131                       | Tallow Melts.                    |
| 42.2                  | 52.8                      | 127                       |                                  |
| 40                    | 50                        | 122                       |                                  |
| 36                    | 45                        | 113                       |                                  |
| 33.8                  | 42.2                      | 108                       | Blood Heat.                      |
| 32                    | 40                        | 104                       |                                  |
| 29.3                  | 36.7                      | 98                        |                                  |
| 28                    | 35                        | 95                        |                                  |
| 25.8                  | 32.2                      | 90                        | Temperate.                       |
| 24                    | 30                        | 86                        |                                  |
| 21.3                  | 26.7                      | 80                        |                                  |
| 20                    | 25                        | 77                        |                                  |
| 16                    | 20                        | 68                        | WATER<br>FREEZES.                |
| 12.4                  | 15.3                      | 60                        |                                  |
| 10.2                  | 12.8                      | 55                        |                                  |
| 8                     | 10                        | 50                        |                                  |
| 5.8                   | 7.2                       | 45                        | ZERO Fahr.                       |
| 4                     | 5                         | 41                        |                                  |
| 1.3                   | 1.7                       | 35                        |                                  |
| 0                     | 0                         | 32                        |                                  |
| -0.9                  | -1.1                      | 30                        | Tallow Melts.                    |
| -4                    | -5                        | 23                        |                                  |
| -5.3                  | -6.7                      | 20                        |                                  |
| -8                    | -10                       | 14                        |                                  |
| -9.8                  | -12.2                     | 10                        | Alcohol Boils.                   |
| -12                   | -15                       | 5                         |                                  |
| -14.2                 | -17.8                     | 0                         |                                  |
| -16                   | -20                       | -4                        |                                  |
| -20                   | -25                       | -13                       | Blood Heat.                      |
| -24                   | -30                       | -22                       |                                  |
| -28                   | -35                       | -31                       |                                  |
| -32                   | -40                       | -40                       |                                  |

**Rules for Foretelling the Weather.**

ADAPTED FOR USE WITH ANEROID BAROMETERS.

A RISING BAROMETER.

A RAPID rise indicates unsettled weather.  
 A gradual rise indicates settled weather.  
 A rise with dry air and cold increasing in Summer indicates wind from the northward; and if rain has fallen, better weather may be expected.  
 A rise with moist air and a low temperature indicates wind and rain from the northward.  
 A rise with southerly winds indicates fine weather.

A STEADY BAROMETER.

With dry air and seasonable temperature indicates a continuance of very fine weather.

A FALLING BAROMETER.

A rapid fall indicates stormy weather.  
 A rapid fall with westerly wind indicates stormy weather from the northward.  
 A fall with a northerly wind indicates storm, with rain and hail in Summer, and snow in Winter.  
 A fall with increased moisture in the air, and heat increasing, indicates wind and rain from the southward.

A fall with dry air and cold increasing in Winter indicates snow.  
 A fall after very calm and warm weather indicates rain with squally weather.

The barometer rises for northerly winds, including from north-west by north to the eastward for dry, or less wet weather, for less wind, or for more than one of these changes, except on a few occasions, when rain, hail, or snow comes from the northward with strong wind.

The barometer falls for southerly wind, including from south-east by south to the westward, for wet weather, for stronger wind or for more than one of these changes, except on a few occasions, when moderate wind, with rain or snow, comes from the northward.

The above printed rules are in use by the Seawanbaka-Corinthian Yacht Club of New York.

**DURATION OF DIFFERENT KINDS OF WEATHER IN THE SEVERAL STORMS—VICINITY OF NEW YORK.**

|                         | CRITICAL WINDS. |               |             |                 |
|-------------------------|-----------------|---------------|-------------|-----------------|
|                         | Clear Hours.    | Cloudy Hours. | Rain Hours. | Clearing Hours. |
| South to Southwest..... | 9               | 8             | 8.3         | 14              |
| South to Southeast..... | 14              | 13.4          | 15.6        | 15.4            |
| East to Northeast.....  | 20              | 17.6          | 31          | 20.6            |

**LINE OF PERPETUAL SNOW.**

The line of perpetual snow varies with latitude, and is as follows in feet above sea-level:

| LATITUDE. | Feet.  | LATITUDE. | Feet.  | LATITUDE. | Feet. |
|-----------|--------|-----------|--------|-----------|-------|
| 0 .....   | 15,260 | 30 .....  | 11,484 | 60 .....  | 3,818 |
| 10 .....  | 14,764 | 40 .....  | 9,900  | 70 .....  | 1,278 |
| 20 .....  | 13,478 | 50 .....  | 6,334  |           |       |

**OBJECTS VISIBLE AT SEA-LEVEL IN CLEAR WEATHER.**

The following table shows the distance at sea-level at which objects are visible at certain elevations:

| ELEVATION—FEET. | Miles. | ELEVATION—FEET. | Miles. | ELEVATION—FEET. | Miles. |
|-----------------|--------|-----------------|--------|-----------------|--------|
| 1 .....         | 1.31   | 30 .....        | 7.25   | 90 .....        | 12.25  |
| 5 .....         | 2.96   | 35 .....        | 7.83   | 100 .....       | 13.23  |
| 6 .....         | 3.24   | 40 .....        | 8.37   | 150 .....       | 16.22  |
| 7 .....         | 3.49   | 45 .....        | 8.87   | 200 .....       | 18.72  |
| 8 .....         | 3.73   | 50 .....        | 9.35   | 300 .....       | 22.91  |
| 9 .....         | 3.96   | 60 .....        | 10.25  | 500 .....       | 29.58  |
| 10 .....        | 4.18   | 70 .....        | 11.07  | 1,000 .....     | 33.41  |
| 25 .....        | 5.92   | 80 .....        | 11.83  | 1 mile.....     | 96.10  |
|                 | 6.61   |                 |        |                 |        |

**STRENGTH OF ICE.**

Recently formed ice (and on the surface) one inch and a half thick will support a man; four inches thick will support cavalry; five inches thick will support an eighty-four pound cannon; ten inches thick will support an army; eighteen inches thick will support a railroad train.

**Loss by Lightning in the United States.**

THE Weather Bureau of the United States Department of Agriculture in 1895 issued a bulletin giving these facts: That for the five years ending December 31, 1894, there were 1,120 lives lost from lightning in the United States, an average of 224 per year, nearly all in the six months from April to September, the maximum death rate being in June and July.

In the nine years ending December 31, 1893, there were 4,175 fires caused by lightning, with a property loss of \$14,309,150.

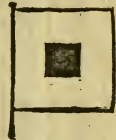
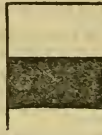
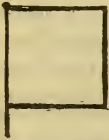
## Weather Signals

### OF THE WEATHER BUREAU, U. S. DEPARTMENT OF AGRICULTURE.

THE Weather Bureau furnishes, when practicable, for the benefit of the general public and those interests dependent to a greater or less extent upon weather conditions, the "Forecasts" which are prepared daily, at 10 A. M. and 10 P. M., for the following day. These weather forecasts are telegraphed to observers at stations of the Weather Bureau, railway officials, and many others, and are so worded as to be readily communicated to the public by means of flags or steam-whistles. The flags adopted for this purpose are five in number, and of the form and dimensions indicated below:

#### EXPLANATION OF FLAG SIGNALS.

|                       |                      |                                |                                  |   |
|-----------------------|----------------------|--------------------------------|----------------------------------|---|
| No. 1.<br>White Flag. | No. 2.<br>Blue Flag. | No. 3.<br>White and Blue Flag. | No. 4.<br>Black Triangular Flag. | No. 5.<br>White Flag with<br>black square in<br>centre. |
|-----------------------|----------------------|--------------------------------|----------------------------------|---|



Clear or fair weather.    Rain or snow.    Local rains or snow.    Temperature signal.    Cold wave.

When number 4 is placed above number 1, 2, or 3, it indicates warmer; when below, colder; when not displayed, the temperature is expected to remain about stationary. During the late Spring and early Fall the cold-wave flag is also used as a frost-warning flag to indicate anticipated frosts.

When displayed on poles, the signals should be arranged to read downward; when displayed from horizontal supports, a small streamer should be attached to indicate the point from which the signals are to be read.

#### WHISTLE SIGNALS.

The warning signal, to attract attention, will be a long blast of from fifteen to twenty seconds duration. After the warning signal has been sounded long blasts (of from four to six seconds duration) refer to weather, and short blasts (of from one to three seconds duration) refer to temperature; those for weather to be sounded first.

|                 |                     |                  |                     |
|-----------------|---------------------|------------------|---------------------|
| Blasts.         | Indicate.           | Blasts.          | Indicate.           |
| One long.....   | Fair weather.       | One short.....   | Lower temperature.  |
| Two long.....   | Rain or snow.       | Two short.....   | Higher temperature. |
| Three long..... | Local rain or snow. | Three short..... | Cold wave.          |

By repeating each combination a few times, with an interval of ten seconds between, possibilities of error in reading the signals will be avoided, such as may arise from variable winds or failure to hear the warning signal.

Communications with reference to the display of these symbols and signals should be addressed to the Director of the Climate and Crop Section of the State or Territory in which the station is located, or to the Chief of the Weather Bureau, Washington, D. C. (For wind signals, see next page.)

The several States and Territories (with headquarters) in which sections of the Climate and Crop Services of the Weather Bureau are in operation, are as follows:

|   |   |                             |
|---|---|-----------------------------|
| Alabama, Montgomery.                                | Massachusetts, Boston<br>(for New England). | Ohio, Columbus.             |
| Arizona, Phoenix.                                   | Michigan, Lansing.                          | Oklahoma, Oklahoma,         |
| Arkansas, Little Rock.                              | Minnesota, Minneapolis.                     | Oregon, Portland.           |
| California, San Francisco.                          | Mississippi, Vicksburg.                     | Pennsylvania, Philadelphia. |
| Colorado, Denver.                                   | Missouri, Columbia.                         | South Carolina, Columbia.   |
| Florida, Jacksonville.                              | Montana, Helena.                            | South Dakota, Huron.        |
| Georgia, Atlanta.                                   | Nebraska, Lincoln.                          | Tennessee, Nashville.       |
| Idaho, Boise.                                       | Nevada, Carson City.                        | Texas, Galveston.           |
| Illinois, Chicago.                                  | New Jersey, New Brunswick.                  | Utah, Salt Lake City.       |
| Indiana, Indianapolis.                              | New Mexico, Santa Fe.                       | Virginia, Richmond.         |
| Iowa, Des Moines.                                   | New York, Ithaca.                           | Washington, Seattle.        |
| Kansas, Topeka.                                     | North Carolina, Raleigh.                    | West Virginia, Parkersburg. |
| Kentucky, Louisville.                               | North Dakota, Bismarck.                     | Wisconsin, Milwaukee.       |
| Louisiana, New Orleans.                             |   | Wyoming, Cheyenne.          |
| Maryland, Baltimore<br>(for Delaware and Maryland). |   |                             |

## The Ancient and Modern Year.

THE Athenians began the year in June, the Macedonians in September, the Romans first in March and afterward in January, the Persians on August 11, the ancient Mexicans on February 23, the Mohammedans in July. The Chinese year, which begins early in February, is similar to the Mohammedan in having 12 months of 29 and 30 days alternately; but in every nineteen years there are seven years which have 13 months. This is not quite correct, and the Chinese have therefore formed a cycle of 60 years, in which period 22 intercalary months occur.

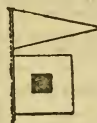
**Storm, Wind-Direction, and Hurricane Signals**  
**OF THE WEATHER BUREAU, U. S. DEPARTMENT OF AGRICULTURE.**  
**STORM SIGNALS.**



Northeasterly winds.



Southeasterly winds.



Northwesterly winds.



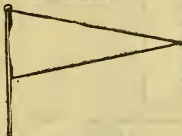
Southwesterly winds.

**INFORMATION SIGNALS.**

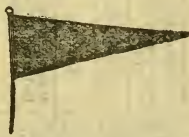
**STORM.**  
Red, Black Centre.



**White Pennant.**



**GREAT LAKES.**  
Red Pennant.



**COAST.**  
Red Pennant.



Westerly winds.

Easterly winds.

*Storm Signals.*—A red flag with a black centre indicates that a storm of marked violence is expected. The pennants displayed with the flags indicate the direction of the wind; red, easterly (from northeast to south); white, westerly (from southwest to north). The pennant above the flag indicates that the wind is expected to blow from the northerly quadrants; below, from the southerly quadrants.

By night a red light indicates easterly winds, and a white light above a red light westerly winds. *Information Signal.*—Red or white pennant displayed alone.—When displayed at stations on the Great Lakes indicates that winds are expected which may prove dangerous to tows and smaller classes of vessels, the red pennant indicating easterly and the white pennant westerly winds.

When displayed at stations on the Atlantic, Pacific, and Gulf coasts indicates that the local observer has received information from the Central Office of a storm covering a limited area, dangerous only for vessels about to sail to certain points, and serves as a notification to shipmasters that information will be given them upon application to the local observer. Only the red pennant is displayed on the coasts. No night information or hurricane signals are displayed.

*Hurricane Signal.*—Two red flags with black centres, displayed one above the other, indicate the expected approach of tropical hurricanes, and also of those extremely severe and dangerous storms which occasionally move across the Lakes and Northern Atlantic coast.

**Tornado Statistics.**

Property loss by tornadoes. Prepared by the Chief of the U. S. Weather Bureau, (Latest data.)

| STATES.              | 1890        | 1891      | 1892        | 1893        | 1894        | 1895      | 1896         | 1897      | Total.       |
|----------------------|-------------|-----------|-------------|-------------|-------------|-----------|--------------|-----------|--------------|
| Alabama.....         | ....        | \$7,000   | ....        | \$125,000   | \$1,500     | \$30,600  | \$5,000      | \$600     | \$169,700    |
| Arkansas.....        | ....        | ....      | \$4,500     | 45,400      | 508,800     | 1,000     | 1,700        | 22,200    | 583,400      |
| Florida.....         | ....        | ....      | ....        | ....        | 2,000       | ....      | ....         | ....      | 2,000        |
| Georgia.....         | \$500       | ....      | ....        | 212,500     | 2,000       | 22,000    | ....         | 6,000     | 243,000      |
| Illinois.....        | 485,500     | ....      | 823,500     | 13,000      | ....        | 12,000    | 103,000      | 1,000     | 938,000      |
| Indiana.....         | 500         | 9,500     | ....        | 20,000      | 2,500       | 12,000    | 3,000        | ....      | 47,500       |
| Iowa.....            | 29,000      | 8,500     | 58,000      | 274,500     | 39,000      | 60,000    | 75,000       | 4,500     | 548,500      |
| Kansas.....          | ....        | 7,500     | 371,500     | 371,500     | 9,000       | 120,000   | 272,000      | 7,000     | 935,410      |
| Kentucky.....        | 2,841,500   | 2,500     | ....        | 80,000      | ....        | ....      | 6,000        | 2,000     | 2,959,000    |
| Louisiana.....       | ....        | ....      | ....        | 70,000      | 6,000       | ....      | 90,000       | 6,000     | 172,000      |
| Maine.....           | ....        | ....      | 13,000      | ....        | ....        | ....      | ....         | ....      | 13,000       |
| Maryland.....        | 15,000      | 3,000     | ....        | 10,000      | ....        | ....      | ....         | ....      | 28,000       |
| Massachusetts.....   | 60,000      | ....      | ....        | ....        | ....        | ....      | ....         | ....      | 60,000       |
| Michigan.....        | ....        | ....      | ....        | 240,000     | 1,000       | ....      | 400,000      | 4,800     | 645,800      |
| Minnesota.....       | 16,000      | 15,000    | 103,500     | 13,260      | 419,500     | ....      | 2,000        | 17,000    | 585,200      |
| Mississippi.....     | ....        | 19,000    | ....        | 277,000     | 8,800       | ....      | 5,750        | 5,000     | 315,550      |
| Missouri.....        | 18,500      | 71,000    | 13,000      | 50,000      | 1,500       | ....      | 12,904,900   | ....      | 13,058,900   |
| Nebraska.....        | 480,000     | 6,200     | 90,000      | 29,000      | 1,900       | 6,600     | 50,000       | ....      | 663,100      |
| New Jersey.....      | ....        | 2,000     | 8,500       | ....        | ....        | 70,000    | ....         | 500       | 80,500       |
| New York.....        | ....        | ....      | 25,000      | 22,000      | ....        | ....      | ....         | 18,000    | 65,000       |
| North Carolina.....  | 1,000       | ....      | ....        | 20,000      | ....        | ....      | 1,000        | ....      | 21,000       |
| Ohio.....            | 15,000      | ....      | 27,500      | ....        | 51,000      | ....      | 104,000      | ....      | 197,500      |
| Oklahoma & Ind. Ter. | ....        | ....      | 2,000       | 60,000      | 2,000       | ....      | 5,800        | 103,000   | 173,100      |
| Pennsylvania.....    | 427,000     | 1,000     | 7,000       | 4,000       | ....        | ....      | 118,000      | ....      | 634,000      |
| South Carolina.....  | ....        | 1,000     | ....        | 13,000      | 500         | ....      | 1,500        | ....      | 15,000       |
| South Dakota.....    | ....        | 400       | 15,000      | ....        | 15,500      | 29,000    | 21,000       | ....      | 80,900       |
| Tennessee.....       | 60,000      | ....      | 2,000       | 22,000      | ....        | 6,000     | ....         | ....      | 90,000       |
| Texas.....           | ....        | 28,000    | 54,000      | 290,700     | 119,600     | 15,000    | 175,000      | ....      | 682,300      |
| Virginia.....        | ....        | ....      | ....        | ....        | ....        | ....      | 1,200        | ....      | 1,200        |
| Wisconsin.....       | ....        | 4,000     | ....        | 3,500       | ....        | 100       | ....         | ....      | 7,500        |
| Total.....           | \$4,449,500 | \$186,600 | \$1,118,000 | \$2,042,300 | \$1,192,900 | \$383,700 | \$14,348,350 | \$197,600 | \$23,047,750 |

## Normal Temperature and Rainfall

IN THE UNITED STATES.

TABLE SHOWING THE NORMAL TEMPERATURE FOR JANUARY AND JULY, AND THE NORMAL ANNUAL PRECIPITATION AT WEATHER BUREAU STATIONS IN EACH OF THE STATES AND TERRITORIES, ALSO THE HIGHEST AND LOWEST TEMPERATURES EVER REPORTED FROM EACH OF SAID STATIONS, TO SEPTEMBER 1, 1899.

(Prepared in the office of the Chief of the Weather Bureau, U. S. Department of Agriculture, for THE WORLD ALMANAC FOR 1900.)

| STATES AND TERRITORIES. | Stations.        | TEMPERATURE |       |                |         | Mean Annual Precipitation, Rain and Melted Snow (inches). | STATES AND TERRITORIES. | Stations.          | TEMPERATURE     |       |                |         | Mean Annual Precipitation, Rain and Melted Snow (inches). |
|-------------------------|------------------|-------------|-------|----------------|---------|---|-------------------------|--------------------|-----------------|-------|----------------|---------|---|
|                         |                  | Mean.       |       | Ex-<br>tremes. |         |   |                         |                    | Mean.           |       | Ex-<br>tremes. |         |   |
|                         |                  | January.    | July. | Highest.       | Lowest. |   |                         |                    | January.        | July. | Highest.       | Lowest. |   |
|                         |                  |             |       |                |         |   |                         |                    |                 |       |                |         |   |
| Ala.....                | Mobile.....      | 50          | 82    | 101            | -9      | 62.2  | Mon.....                | Havre.....         | 9               | 67    | 108            | -55     | 14.1  |
|                         | Montgomery.....  | 48          | 82    | 107            | -9      | 52.2  |                         | Custer, Fort*....  | 14              | 71    | 107            | -48     | 13.0  |
| Ariz.....               | Grant, Fort*.... | 43          | 78    | 103            | -       | 16.4  | Neb.....                | Poplar River*....  | -5              | 69    | 110            | -63     | 10.8  |
|                         | Prescott*.....   | 32          | 73    | 100            | -18     | 16.4  |                         | North Platte.....  | 19              | 74    | 107            | -35     | 18.3  |
|                         | Yuma.....        | 54          | 92    | 118            | -22     | 3.0   |                         | Omaha.....         | 19              | 76    | 106            | -32     | 31.7  |
| Ark.....                | Fort Smith.....  | 34          | 80    | 107            | -15     | 44.0  | Nevada..                | Valentine.....     | 14              | 74    | 106            | -38     | 19.1  |
|                         | Little Rock..... | 40          | 81    | 105            | -12     | 53.6  |                         | Winnemucca.....    | 28              | 72    | 104            | -28     | 8.5   |
| Cal.....                | Red Bluff.....   | 46          | 82    | 114            | -18     | 26.1  | N. C.....               | Charlotte.....     | 51              | 79    | 102            | -5      | 52.0  |
|                         | Sacramento.....  | 46          | 72    | 110            | -19     | 20.9  |                         | Hatteras.....      | 44              | 78    | 92             | -8      | 66.4  |
| Colo.....               | San Diego.....   | 54          | 67    | 101            | -32     | 10.5  | N. Dak...               | Wilmington.....    | 47              | 80    | 103            | -5      | 54.3  |
|                         | Denver.....      | 27          | 72    | 105            | -39     | 14.5  |                         | Bismarck.....      | 4               | 67    | 105            | -44     | 18.4  |
|                         | Las Animas*....  | 22          | 76    | 105            | -29     | 13.5  |                         | Williston.....     | 3               | 68    | 107            | -49     | 14.0  |
|                         | Montrose*.....   | 23          | 72    | 98             | -20     | 8.9   |                         | Manchester*....    | 22              | 69    | 96             | -11     | 41.9  |
| Conn.....               | New Haven.....   | 27          | 72    | 100            | -14     | 50.3  | N. H.....               | Atlantic City....  | 32              | 72    | 99             | -7      | 42.7  |
|                         | New London*....  | 28          | 71    | 95             | -10     | 49.1  |                         | N. J.....          | Cape May.....   | 33    | 74             | 91      | -3  |
| Del.....                | Del. Br'kwater*  | 33          | 73    | 93             | -1      | 32.6  | N. Mex...               |                    | New Brunswick.. | 28    | 74             | 100     | -10   |
|                         |                  |             |       |                |         |   |                         | Santa Fe.....      | 28              | 68    | 97             | -13     | 14.2  |
| Dist. of<br>Col.....    | Washington.....  | 33          | 77    | 104            | -15     | 43.5  | N. Y.....               | Stanton, Fort*..   | 34              | 68    | 95             | -18     | 17.3  |
|                         | Jacksonville.... | 55          | 82    | 104            | -10     | 54.1  |                         | Albany.....        | 23              | 73    | 100            | -18     | 37.9  |
| Florida..               | Key West.....    | 70          | 84    | 100            | -41     | 38.5  | Ohio.....               | New York City...   | 30              | 74    | 100            | -6      | 44.8  |
|                         | Pensacola.....   | 52          | 81    | 101            | -9      | 57.1  |                         | Oswego.....        | 35              | 69    | 100            | -23     | 35.0  |
|                         | Atlanta.....     | 43          | 78    | 100            | -8      | 52.9  |                         | Cincinnati.....    | 23              | 78    | 104            | -17     | 39.9  |
| Georgia..               | Augusta.....     | 47          | 82    | 105            | -3      | 48.3  | Oregon..                | Columbus.....      | 28              | 75    | 103            | -20     | 38.9  |
|                         | Savannah.....    | 51          | 82    | 105            | -8      | 51.9  |                         | Toledo.....        | 26              | 74    | 99             | -16     | 30.9  |
| Idaho.....              | Boise*.....      | 28          | 73    | 107            | -28     | 13.2  | Pa.....                 | Portland.....      | 39              | 67    | 102            | -2      | 46.8  |
|                         | Calo.....        | 34          | 79    | 103            | -12     | 43.2  |                         | Roseburg.....      | 40              | 66    | 104            | -6      | 35.2  |
| Illinois..              | Chicago.....     | 24          | 72    | 100            | -23     | 34.9  | Oregon..                | Umatick*.....      | 32              | 73    | 110            | -24     | 9.7   |
|                         | Springfield..... | 25          | 71    | 102            | -22     | 33.0  |                         | Erie.....          | 27              | 72    | 94             | -16     | 41.3  |
| Indiana..               | Indianapolis.... | 28          | 76    | 101            | -25     | 43.0  | Pa.....                 | Philadelphia....   | 32              | 76    | 102            | -6      | 39.8  |
|                         | Sill, Fort*..... | 35          | 82    | 107            | -9      | 31.2  |                         | Pittsburgh.....    | 30              | 74    | 103            | -20     | 36.7  |
| Iowa.....               | Des Moines.....  | 17          | 75    | 104            | -30     | 33.1  | R. I.....               | Block Island....   | 30              | 69    | 88             | -4      | 44.2  |
|                         | Dubuque.....     | 17          | 75    | 101            | -32     | 35.5  |                         | S. C.....          | Newport*.....   | 30    | 70             | 92      | -8  |
|                         | Keokuk.....      | 23          | 77    | 104            | -24     | 34.4  | Charleston.....         |                    | 49              | 82    | 104            | -7      | 56.7  |
|                         | Dodge.....       | 25          | 78    | 108            | -26     | 19.9  | Yankton.....            | 13                 | 74              | 103   | -34            | 26.8    |   |
| Kansas..                | Concordia.....   | 19          | 77    | 106            | -25     | 25.5  | Tenn.....               | Chatanooga.....    | 41              | 78    | 101            | -10     | 55.0  |
|                         | Leavenworth*..   | 24          | 78    | 107            | -29     | 38.4  |                         | Memphis.....       | 40              | 81    | 102            | -9      | 53.3  |
| Ky.....                 | Louisville.....  | 34          | 79    | 105            | -20     | 45.9  | Texas....               | Nashville.....     | 38              | 80    | 104            | -13     | 50.1  |
|                         | New Orleans....  | 54          | 83    | 99             | -7      | 60.5  |                         | Elliott, Fort*.... | 30              | 77    | 108            | -14     | 24.5  |
| La.....                 | Shreveport.....  | 45          | 83    | 107            | -5      | 48.6  | Texas....               | Brownsville*....   | 57              | 84    | 102            | -18     | 36.9  |
|                         | Eastport.....    | 20          | 60    | 91             | -21     | 45.2  |                         | El Paso.....       | 44              | 82    | 113            | -5      | 9.3   |
| Maine....               | Portland.....    | 23          | 69    | 97             | -17     | 42.3  | Utah.....               | Palestine.....     | 43              | 82    | 104            | -6      | 46.5  |
|                         | Baltimore.....   | 34          | 78    | 104            | -7      | 43.9  |                         | Frisco*.....       | 30              | 73    | 93             | -9      | 7.6   |
| Mass.....               | Boston.....      | 26          | 71    | 101            | -13     | 45.0  | Vt.....                 | Salt Lake.....     | 28              | 76    | 102            | -20     | 16.2  |
|                         | Springfield*.... | 26          | 73    | 94             | -14     | 47.0  |                         | Burlington*....    | 19              | 71    | 97             | -25     | 28.8  |
| Mich.....               | Grand Haven....  | 24          | 69    | 93             | -24     | 31.8  | Va.....                 | Lynchburg.....     | 36              | 78    | 102            | -6      | 42.8  |
|                         | Marquette.....   | 16          | 65    | 100            | -27     | 32.4  |                         | Norfolk.....       | 40              | 79    | 102            | -2      | 52.1  |
|                         | Port Huron.....  | 21          | 69    | 99             | -25     | 31.6  |                         | Dayton*.....       | 30              | 68    | 109            | -26     | 27.8  |
| Minn....                | Duluth.....      | 10          | 66    | 99             | -41     | 31.0  | Wash....                | Olympia*.....      | 38              | 62    | 97             | -2      | 53.1  |
|                         | St. Paul.....    | 11          | 72    | 100            | -41     | 27.5  |                         | Tatoosh Island*..  | 40              | 56    | 80             | -7      | 92.6  |
|                         | St. Vincent*.... | -8          | 65    | 103            | -54     | 16.6  |                         | Morgantown*....    | 35              | 74    | 97             | -25     | 46.9  |
| Miss....                | Vicksburg.....   | 47          | 82    | 101            | -1      | 55.7  | W. Va....               | La Crosse.....     | 15              | 73    | 101            | -43     | 30.7  |
|                         | St. Louis.....   | 30          | 79    | 106            | -22     | 41.1  |                         | Milwaukee.....     | 19              | 69    | 100            | -25     | 32.7  |
| Mo.....                 | Springfield..... | 32          | 75    | 102            | -29     | 45.7  | Wis.....                | Bridger, Fort*..   | 19              | 64    | 89             | -42     | 8.7   |
|                         |                  |             |       |                |         |   |                         | Cheyenne.....      | 25              | 67    | 100            | -38     | 12.2  |
|                         |                  |             |       |                |         |   | Wyo.....                | Washakie, Fort*    | 10              | 67    | 100            | -54     | 11.0  |

The minus (-) sign indicates temperature below zero. \* Not now a station of the Weather Bureau, and report is therefore for the period preceding its discontinuance as a station.

Temperature and Rainfall of Foreign Cities.

| CITIES.             | Mean Annual Temperature. | Annual Average Rainfall, Inches. | CITIES.         | Mean Annual Temperature. | Annual Average Rainfall, Inches. | CITIES.             | Mean Annual Temperature. | Annual Average Rainfall, Inches. |
|---------------------|--------------------------|----------------------------------|-----------------|--------------------------|----------------------------------|---------------------|--------------------------|----------------------------------|
| Alexandria.....     | 69.0                     | 10                               | Florence.....   | 59.2                     | 41                               | Munich.....         | 48.4                     | .....                            |
| Algiers.....        | 64.3                     | 27                               | Frankfort.....  | 50.0                     | .....                            | Naples.....         | 60.3                     | 30                               |
| Amsterdam.....      | 49.9                     | .....                            | Geneva.....     | 52.7                     | 32                               | Nice.....           | 58.0                     | 29                               |
| Archangel.....      | 33.0                     | .....                            | Genoa.....      | 61.1                     | 47                               | Odessa.....         | 48.0                     | .....                            |
| Astrakhan.....      | 50.1                     | 6                                | Glasgow.....    | 49.8                     | 44                               | Pará.....           | 81.0                     | 71                               |
| Athens.....         | 63.0                     | .....                            | Hague.....      | 52.0                     | .....                            | Paris.....          | 51.3                     | 22                               |
| Bagdad.....         | 74.0                     | .....                            | Hamburg.....    | 47.0                     | .....                            | Peking.....         | 53.0                     | 27                               |
| Barcelona.....      | 63.0                     | .....                            | Havana.....     | 79.1                     | 91                               | Port Said.....      | .....                    | 2                                |
| Berlin.....         | 48.2                     | 24                               | Hong Kong.....  | 73.0                     | 101                              | Prague.....         | 50.2                     | 14                               |
| Bermuda.....        | 72.0                     | 55                               | Honolulu.....   | 75.0                     | .....                            | Quebec.....         | 40.3                     | .....                            |
| Berne.....          | 46.0                     | 46                               | Iceland.....    | 39.0                     | 30                               | Quito.....          | 60.9                     | .....                            |
| Birmingham.....     | 48.2                     | .....                            | Jerusalem.....  | 62.6                     | 16                               | Rio de Janeiro..... | 77.2                     | 29                               |
| Bombay.....         | 81.3                     | 75                               | Lima.....       | 73.3                     | .....                            | Rome.....           | 60.5                     | 31                               |
| Bordeaux.....       | 57.0                     | 30                               | Lisbon.....     | 61.4                     | 27                               | Rotterdam.....      | 51.0                     | 23                               |
| Brussels.....       | 50.0                     | 29                               | London.....     | 50.8                     | 25                               | San Domingo.....    | 81.3                     | 108                              |
| Budapest.....       | 51.9                     | 17                               | Lyons.....      | 53.0                     | 28                               | Shanghai.....       | 59.0                     | .....                            |
| Buenos Ayres.....   | 62.8                     | .....                            | Madeira.....    | 66.0                     | 25                               | Smyrna.....         | 60.0                     | 24                               |
| Cairo.....          | 72.2                     | .....                            | Madrid.....     | 58.2                     | 9                                | St. Petersburg..... | 39.6                     | 17                               |
| Calcutta.....       | 82.4                     | 76                               | Malta.....      | 66.0                     | 20                               | Stockholm.....      | 42.3                     | 20                               |
| Canton.....         | 71.0                     | 39                               | Manchester..... | 48.8                     | 36                               | Sydney.....         | 65.8                     | 49                               |
| Cape Town.....      | 62.0                     | 23                               | Manila.....     | 78.4                     | .....                            | Tobolsk.....        | 32.0                     | .....                            |
| Cayenne.....        | .....                    | 116                              | Maranham.....   | .....                    | 277                              | Trieste.....        | 55.0                     | 43                               |
| Cherrapongee*.....  | .....                    | 610                              | Marseilles..... | 58.3                     | 23                               | Valdivia.....       | 52.0                     | 106                              |
| Christiania.....    | 41.5                     | .....                            | Melbourne.....  | 57.0                     | 29                               | Valparaiso.....     | 64.0                     | .....                            |
| Constantinople..... | 56.5                     | .....                            | Mexico.....     | 60.9                     | .....                            | Venice.....         | 55.4                     | .....                            |
| Copenhagen.....     | 46.6                     | 19                               | Milan.....      | 55.1                     | 38                               | Vera Cruz.....      | 77.0                     | 180                              |
| Delhi.....          | 77.0                     | 24                               | Montevideo..... | 62.0                     | 44                               | Vienna.....         | 51.0                     | 19                               |
| Dublin.....         | 50.1                     | 29                               | Montreal.....   | 44.6                     | .....                            | Warsaw.....         | 56.2                     | .....                            |
| Edinburgh.....      | 47.1                     | 38                               | Moscow.....     | 40.0                     | .....                            |                     |                          |                                  |

\* In Southwestern Assam. It is the wettest place in the world. In 1861 the rainfall there reached 905 inches.

NOTE.—The mean annual temperature of the globe is 50° Fahr. The average rainfall is 36 inches.

Velocity of Winds in the United States.

AVERAGE hourly velocity of the wind at selected stations of the United States Weather Bureau, also the highest velocity ever reported for a period of five minutes. (Prepared by W. L. Moore, Chief of the Weather Bureau, and revised to October 1, 1899, for THE WORLD ALMANAC.)

| STATIONS.              | Average Hourly Velocity. |     | Highest Ever Reported. | STATIONS.                | Average Hourly Velocity. |     | Highest Ever Reported. | STATIONS.                 | Average Hourly Velocity. |     | Highest Ever Reported. |
|------------------------|--------------------------|-----|------------------------|--------------------------|--------------------------|-----|------------------------|---------------------------|--------------------------|-----|------------------------|
|                        | Mi.                      | Mi. |                        |                          | Mi.                      | Mi. |                        |                           | Mi.                      | Mi. |                        |
| Ablene, Texas.....     | 11                       | 66  | .....                  | El Paso, Texas.....      | 5                        | 78  | .....                  | Philadelphia, Pa.....     | 10                       | 75  | .....                  |
| Albany, N. Y.....      | 6                        | 70  | .....                  | Fort Smith, Ark.....     | 5                        | 49  | .....                  | Pittsburgh, Pa.....       | 10                       | 42  | .....                  |
| Alpena, Mich.....      | 9                        | 72  | .....                  | Galveston, Texas.....    | 10                       | 72  | .....                  | Portland, Me.....         | 5                        | 54  | .....                  |
| Atlanta, Ga.....       | 9                        | 49  | .....                  | Havre, Mont.....         | 11                       | 76  | .....                  | Red Bluff, Cal.....       | 7                        | 60  | .....                  |
| Bismarck, N. D.....    | 8                        | 74  | .....                  | Helena, Mont.....        | 6                        | 60  | .....                  | Rochester, N. Y.....      | 11                       | 78  | .....                  |
| Boisé City, Idaho..... | 4                        | 40  | .....                  | Huron, S. D.....         | 10                       | 69  | .....                  | St. Louis, Mo.....        | 11                       | 80  | .....                  |
| Boston, Mass.....      | 11                       | 72  | .....                  | Jacksonville, Fla.....   | 6                        | 70  | .....                  | St. Paul, Minn.....       | 7                        | 60  | .....                  |
| Buffalo, N. Y.....     | 11                       | 90  | .....                  | Keokuk, Iowa.....        | 8                        | 60  | .....                  | St. Vincent, Minn.....    | 9                        | 65  | .....                  |
| Charlotte, N. C.....   | 5                        | 49  | .....                  | Knoxville, Tenn.....     | 5                        | 84  | .....                  | Salt Lake City, Utah..... | 5                        | 60  | .....                  |
| Chatanooga, Tenn.....  | 6                        | 60  | .....                  | Leavenworth, Kan.....    | 7                        | 60  | .....                  | San Diego, Cal.....       | 6                        | 40  | .....                  |
| Chicago, Ill.....      | 9                        | 84  | .....                  | Louisville, Ky.....      | 7                        | 57  | .....                  | San Francisco, Cal.....   | 9                        | 60  | .....                  |
| Cincinnati, Ohio.....  | 7                        | 59  | .....                  | Lynchburg, Va.....       | 4                        | 50  | .....                  | Santa Fé, N. M.....       | 6                        | 51  | .....                  |
| Cleveland, Ohio.....   | 9                        | 66  | .....                  | Memphis, Tenn.....       | 6                        | 54  | .....                  | Savannah, Ga.....         | 7                        | 80  | .....                  |
| Custer, Mont.....      | 7                        | 72  | .....                  | Montgomery, Ala.....     | 5                        | 48  | .....                  | Spokane, Wash.....        | 4                        | 48  | .....                  |
| Denver, Col.....       | 7                        | 96  | .....                  | Nashville, Tenn.....     | 6                        | 75  | .....                  | Toledo Ohio.....          | 9                        | 72  | .....                  |
| Detroit, Mich.....     | 9                        | 76  | .....                  | New Orleans, La.....     | 7                        | 60  | .....                  | Vicksburg, Miss.....      | 6                        | 60  | .....                  |
| Dodge City, Kan.....   | 11                       | 75  | .....                  | New York City, N. Y..... | 9                        | 73  | .....                  | Washington, D. C.....     | 5                        | 66  | .....                  |
| Dubuque, Iowa.....     | 5                        | 60  | .....                  | North Platte, Neb.....   | 9                        | 96  | .....                  | Wilmington, N. C.....     | 7                        | 68  | .....                  |
| Duluth, Minn.....      | 7                        | 78  | .....                  | Omaha, Neb.....          | 8                        | 60  | .....                  |                           |                          |     |                        |
| Eastport, Me.....      | 9                        | 78  | .....                  | Palestine, Texas.....    | 8                        | 60  | .....                  |                           |                          |     |                        |

STANDARD TABLE SHOWING VELOCITY AND FORCE OF WINDS.

| DESCRIPTION.         | Miles per Hour.  | Feet per Minute. | Feet per Second. | Force in lbs. per Square Foot. | DESCRIPTION.        | Miles per Hour. | Feet per Minute. | Feet per Second. | Force in lbs. per Square Foot. |
|----------------------|------------------|------------------|------------------|--------------------------------|---------------------|-----------------|------------------|------------------|--------------------------------|
|                      | Perceptible..... | 1                | 88               | 1.47                           |                     | .005            | High wind.....   | 30               | 2 640                          |
| Just perceptible.... | 2                | 176              | 2.93             | .020                           | Very high wind..... | 35              | 3 080            | 51.3             | 6 027                          |
|                      | 3                | 264              | 4.4              | .044                           |                     | 40              | 3 520            | 58.6             | 7 872                          |
|                      | 4                | 352              | 5.87             | .079                           |                     | 45              | 3 960            | 66.0             | 9 963                          |
| Gentle breeze.....   | 5                | 440              | 7.33             | .123                           | Storm.....          | 50              | 4 400            | 73.3             | 12 300                         |
|                      | 10               | 880              | 14.67            | .492                           |                     | 60              | 5 280            | 88.0             | 17 712                         |
| Pleasant breeze....  | 15               | 1 320            | 22.0             | 1.107                          | Great storm.....    | 70              | 6 160            | 102.7            | 24 108                         |
|                      | 20               | 1 760            | 29.3             | 1.968                          |                     | 80              | 7 040            | 117.3            | 31 488                         |
| Brisk gale.....      | 25               | 2 200            | 36.6             | 3.075                          | Hurricane.....      | 100             | 8 800            | 146.6            | 49 200                         |

# High-Tide Tables.

FOR GOVERNOR'S ISLAND, NEW YORK HARBOR.

(Specially prepared from the Tide-Tables of the United States Coast and Geodetic Survey for THE WORLD ALMANAC.)

New York Mean Time. To express in Eastern Standard Time, subtract 4 minutes.

| 1900. | January. |       | February. |       | March. |       | April. |       | May.  |       | June. |       |
|-------|----------|-------|-----------|-------|--------|-------|--------|-------|-------|-------|-------|-------|
|       | A. M.    | P. M. | A. M.     | P. M. | A. M.  | P. M. | A. M.  | P. M. | A. M. | P. M. | A. M. | P. M. |
| 1     | H. M.    | H. M. | H. M.     | H. M. | H. M.  | H. M. | H. M.  | H. M. | H. M. | H. M. | H. M. | H. M. |
| 2     | 7 34     | 8 4   | 8 56      | 9 29  | 7 50   | 8 19  | 9 4    | 9 33  | 9 34  | 9 59  | 11 0  | 11 10 |
| 3     | 8 23     | 8 54  | 9 46      | 10 19 | 8 38   | 9 7   | 9 50   | 10 21 | 10 33 | 10 49 | 11 53 | 11 54 |
| 4     | 9 13     | 9 46  | 10 34     | 11 10 | 9 24   | 9 55  | 10 40  | 11 13 | 11 19 | 11 40 | 12 46 | 12 46 |
| 5     | 10 3     | 10 39 | 11 23     | ...   | 10 11  | 10 45 | 11 34  | ...   | ...   | 12 20 | 12 39 | 1 37  |
| 6     | 10 53    | 11 33 | 12 4      | 12 16 | 10 59  | 11 39 | 12 9   | 12 39 | 12 35 | 1 25  | 1 24  | 2 28  |
| 7     | 11 45    | ...   | 1 4       | 1 16  | 11 53  | ...   | 1 9    | 1 52  | 1 32  | 2 30  | 2 11  | 3 15  |
| 8     | 12 29    | 12 41 | 2 6       | 2 26  | 12 35  | 12 55 | 2 14   | 3 14  | 2 32  | 3 26  | 3 6   | 3 59  |
| 9     | 1 29     | 1 42  | 3 10      | 3 39  | 1 39   | 2 8   | 3 17   | 4 7   | 3 27  | 4 14  | 4 1   | 4 43  |
| 10    | 2 22     | 2 46  | 4 11      | 4 45  | 2 44   | 3 24  | 4 14   | 4 57  | 4 17  | 4 55  | 4 46  | 5 24  |
| 11    | 3 34     | 3 54  | 5 7       | 5 44  | 3 48   | 4 30  | 5 4    | 5 39  | 5 2   | 5 32  | 5 35  | 6 5   |
| 12    | 4 31     | 4 56  | 5 59      | 6 34  | 4 40   | 5 25  | 5 46   | 6 15  | 5 42  | 6 7   | 6 24  | 6 48  |
| 13    | 5 26     | 5 55  | 6 44      | 7 17  | 5 35   | 6 12  | 6 24   | 6 48  | 6 19  | 6 42  | 7 9   | 7 32  |
| 14    | 6 17     | 6 47  | 7 25      | 7 55  | 6 20   | 6 51  | 6 59   | 7 19  | 6 55  | 7 18  | 7 55  | 8 16  |
| 15    | 7 4      | 7 35  | 8 3       | 8 31  | 6 59   | 7 25  | 7 31   | 7 50  | 7 33  | 7 54  | 8 43  | 9 2   |
| 16    | 7 48     | 8 19  | 8 37      | 9 4   | 7 33   | 7 56  | 8 3    | 8 23  | 8 12  | 8 34  | 9 31  | 9 50  |
| 17    | 8 29     | 9 0   | 9 7       | 9 33  | 8 5    | 8 27  | 8 34   | 8 56  | 8 54  | 9 16  | 10 24 | 10 40 |
| 18    | 9 6      | 9 36  | 9 36      | 9 59  | 8 54   | 8 56  | 9 11   | 9 34  | 9 39  | 10 3  | 11 18 | 11 31 |
| 19    | 9 40     | 10 10 | 10 3      | 10 33 | 9 3    | 9 25  | 9 49   | 10 17 | 10 29 | 10 51 | ...   | 12 15 |
| 20    | 10 9     | 10 39 | 10 30     | 11 8  | 9 33   | 10 0  | 10 34  | 11 4  | 11 25 | 11 45 | 12 25 | 1 15  |
| 21    | 10 35    | 11 12 | 11 6      | 11 51 | 10 5   | 10 39 | 11 29  | 11 59 | 12 29 | 12 29 | 1 26  | 2 18  |
| 22    | 11 4     | 11 46 | 11 51     | 11 51 | 10 46  | 11 24 | ...    | ...   | 12 32 | 12 44 | 1 35  | 2 30  |
| 23    | 11 36    | ...   | 12 43     | 12 44 | 11 34  | ...   | 1 1    | 1 48  | 1 50  | 2 41  | 3 37  | 4 19  |
| 24    | 12 30    | 1 19  | 1 45      | 1 52  | 12 16  | 1 33  | 2 11   | 3 1   | 2 56  | 3 43  | 4 41  | 5 16  |
| 25    | 1 22     | 1 10  | 2 54      | 3 18  | 1 20   | 1 47  | 3 20   | 4 5   | 4 0   | 4 40  | 5 41  | 6 9   |
| 26    | 2 21     | 2 14  | 4 5       | 4 40  | 2 30   | 3 11  | 4 25   | 5 3   | 5 1   | 5 34  | 6 36  | 6 59  |
| 27    | 3 25     | 3 31  | 4 5       | 5 46  | 3 43   | 4 26  | 5 24   | 5 55  | 5 57  | 6 26  | 7 29  | 7 46  |
| 28    | 4 28     | 4 53  | 6 7       | 6 41  | 4 48   | 5 26  | 6 18   | 6 45  | 6 50  | 7 15  | 8 19  | 8 33  |
| 29    | 5 30     | 6 1   | 7 1       | 7 31  | 5 46   | 6 19  | 7 11   | 7 34  | 7 41  | 8 4   | 9 6   | 9 16  |
| 30    | 6 25     | 6 59  | ...       | ...   | 6 39   | 7 9   | 7 56   | 8 23  | 8 31  | 8 52  | 9 51  | 9 59  |
| 31    | 7 19     | 7 51  | ...       | ...   | 7 29   | 7 56  | 8 44   | 9 11  | 9 20  | 9 39  | 10 34 | 10 36 |
| 31    | 8 9      | 8 40  | ...       | ...   | 8 16   | 8 44  | ...    | ...   | 10 9  | 10 25 | ...   | ...   |

| 1900. | July. |       | August. |       | September. |       | October. |       | November. |       | December. |       |
|-------|-------|-------|---------|-------|------------|-------|----------|-------|-----------|-------|-----------|-------|
|       | A. M. | P. M. | A. M.   | P. M. | A. M.      | P. M. | A. M.    | P. M. | A. M.     | P. M. | A. M.     | P. M. |
| 1     | H. M. | H. M. | H. M.   | H. M. | H. M.      | H. M. | H. M.    | H. M. | H. M.     | H. M. | H. M.     | H. M. |
| 2     | 11 14 | 11 11 | 11 34   | 11 22 | ...        | 12 16 | 12 5     | 12 45 | 2 22      | 2 40  | 3 5       | 3 20  |
| 3     | 11 54 | 11 41 | ...     | 12 13 | 12 17      | 1 13  | 1 13     | 1 52  | 3 29      | 3 48  | 4 6       | 4 24  |
| 4     | ...   | 12 33 | ...     | 12 59 | 1 20       | 2 20  | 2 34     | 3 4   | 4 30      | 4 49  | 5 3       | 5 25  |
| 5     | 12 10 | 1 14  | 12 44   | 1 54  | 2 43       | 3 31  | 3 51     | 4 14  | 5 25      | 5 46  | 5 57      | 6 22  |
| 6     | 12 44 | 1 59  | 1 43    | 2 57  | 4 10       | 4 39  | 4 54     | 5 16  | 6 17      | 6 39  | 6 50      | 7 15  |
| 7     | 1 31  | 2 53  | 2 59    | 4 3   | 5 17       | 5 41  | 5 49     | 6 11  | 7 7       | 7 30  | 7 40      | 8 7   |
| 8     | 2 30  | 3 46  | 4 24    | 5 4   | 6 13       | 6 34  | 6 41     | 7 2   | 7 58      | 8 21  | 8 29      | 8 59  |
| 9     | 3 41  | 4 40  | 5 36    | 6 1   | 7 4        | 7 24  | 7 29     | 7 50  | 8 47      | 9 11  | 9 18      | 9 50  |
| 10    | 4 54  | 5 33  | 6 34    | 6 54  | 7 52       | 8 11  | 8 17     | 8 33  | 9 35      | 10 4  | 10 4      | 10 43 |
| 11    | 5 57  | 6 24  | 7 25    | 7 44  | 8 39       | 8 58  | 9 5      | 9 25  | 10 26     | 10 58 | 10 53     | 11 34 |
| 12    | 6 51  | 7 13  | 8 14    | 8 32  | 9 26       | 9 44  | 9 55     | 10 16 | 11 19     | 11 58 | 11 40     | ...   |
| 13    | 7 43  | 8 1   | 9 1     | 9 19  | 10 16      | 10 33 | 10 47    | 11 11 | ...       | 12 16 | 12 27     | 12 27 |
| 14    | 8 31  | 8 49  | 9 49    | 10 5  | 11 9       | 11 25 | 11 53    | ...   | 1 3       | 1 11  | 1 21      | 1 14  |
| 15    | 9 20  | 9 36  | 10 40   | 10 53 | 12 4       | 12 4  | 12 16    | 12 42 | 2 6       | 2 9   | 2 13      | 2 0   |
| 16    | 10 10 | 10 25 | 11 33   | 11 45 | 12 25      | 1 7   | 1 24     | 1 46  | 3 4       | 3 7   | 3 3       | 2 53  |
| 17    | 11 2  | 11 14 | ...     | 12 29 | 1 38       | 2 13  | 2 37     | 2 51  | 3 56      | 4 0   | 3 48      | 3 46  |
| 18    | 11 54 | ...   | 12 42   | 1 31  | 2 53       | 3 19  | 3 43     | 3 51  | 4 41      | 4 48  | 4 31      | 4 37  |
| 19    | 12 6  | 12 53 | 1 50    | 2 36  | 4 3        | 4 20  | 4 35     | 4 43  | 5 20      | 5 31  | 5 13      | 5 26  |
| 20    | 1 4   | 1 54  | 3 4     | 3 41  | 5 3        | 5 14  | 5 21     | 5 30  | 5 56      | 6 9   | 5 54      | 6 13  |
| 21    | 2 8   | 2 57  | 4 15    | 4 41  | 5 52       | 6 1   | 6 0      | 6 11  | 6 32      | 6 46  | 6 35      | 6 56  |
| 22    | 3 18  | 4 0   | 5 18    | 5 36  | 6 33       | 6 42  | 6 35     | 6 47  | 7 7       | 7 24  | 7 16      | 7 41  |
| 23    | 4 25  | 4 58  | 6 12    | 6 25  | 7 11       | 7 21  | 7 9      | 7 21  | 7 42      | 8 0   | 7 59      | 8 25  |
| 24    | 5 29  | 5 53  | 6 59    | 7 9   | 7 44       | 7 55  | 7 40     | 7 53  | 8 19      | 8 39  | 8 43      | 9 10  |
| 25    | 6 25  | 6 44  | 7 39    | 7 49  | 8 16       | 8 25  | 8 11     | 8 24  | 8 59      | 9 20  | 9 23      | 9 59  |
| 26    | 7 16  | 7 29  | 8 17    | 8 25  | 8 45       | 8 54  | 8 44     | 8 54  | 9 41      | 10 6  | 10 14     | 10 49 |
| 27    | 8 2   | 8 14  | 8 50    | 8 57  | 9 15       | 9 19  | 9 19     | 9 32  | 10 26     | 10 58 | 11 2      | 11 42 |
| 28    | 8 44  | 8 54  | 9 23    | 9 26  | 10 45      | 9 51  | 9 56     | 10 14 | 11 16     | 11 55 | 11 52     | ...   |
| 29    | 9 24  | 9 29  | 9 52    | 9 51  | 10 20      | 10 26 | 10 40    | 11 4  | ...       | 12 10 | 12 39     | 12 49 |
| 30    | 9 59  | 10 3  | 10 19   | 10 16 | 11 1       | 11 11 | 11 29    | ...   | 12 59     | 1 9   | 1 39      | 1 49  |
| 31    | 10 32 | 10 28 | 10 52   | 10 49 | 11 49      | ...   | 12 4     | 12 26 | 2 3       | 2 15  | 2 42      | 2 55  |
| 31    | 11 3  | 10 54 | 11 29   | 11 29 | ...        | ...   | 1 9      | 1 31  | ...       | ...   | 3 44      | 4 4   |



HIGH-TIDE TABLES—Continued.

TIME OF HIGH WATER AT POINTS ON THE ATLANTIC COAST

The local time of high water at the following places may be found approximately for each day by adding to or subtracting from the time of high water at Governor's Island, N. Y., the hours and minutes annexed.

|                                       | H.   | M.    |                                   | H.   | M.   |
|---------------------------------------|------|-------|-----------------------------------|------|------|
| Albany, N. Y.....                     | add  | 9 31  | New Haven, Ct.....                | add  | 3 1  |
| Annapolis, Md.....                    | add  | 8 57  | New London, Ct.....               | add  | 1 22 |
| Atlantic City, N. J.....              | sub. | 20    | Newport, R. I.....                | sub. | 2 20 |
| Baltimore, Md.....                    | add  | 10 52 | Norfolk, Va.....                  | add  | 58   |
| Bar Harbor, Me.....                   | add  | 2 46  | Norwich, Ct.....                  | add  | 2 0  |
| Beaufort, S. C.....                   | sub. | 8     | Old Point Comfort, Va.....        | add  | 39   |
| Block Island, R. I.....               | sub. | 34    | Philadelphia, Pa.....             | add  | 5 41 |
| Boston, Mass.....                     | add  | 3 22  | Plymouth, Mass.....               | add  | 3 12 |
| Bridgeport, Ct.....                   | add  | 3 2   | Point Lookout, Md.....            | add  | 4 49 |
| Bristol, R. I.....                    | sub. | 14    | Portland, Me.....                 | add  | 3 10 |
| Cape May, N. J.....                   | add  | 10    | Portsmouth, N. H.....             | add  | 3 16 |
| Charleston, S. C.....                 | sub. | 3 42  | Poughkeepsie, N. Y.....           | add  | 3 51 |
| Eastport, Me.....                     | add  | 3 0   | Providence, R. I.....             | add  | 7    |
| Fernandina, Fla.....                  | sub. | 18    | Richmond, Va.....                 | add  | 8 48 |
| Gloucester, Mass.....                 | add  | 2 55  | Rockaway Inlet, N. Y.....         | sub. | 25   |
| Hell Gate Ferry, East River N. Y..... | add  | 1 53  | Rockland, Me.....                 | add  | 3 1  |
| Isles of Shoals, N. H.....            | add  | 3 11  | Rockport, Mass.....               | add  | 2 50 |
| Jacksonville, Fla.....                | add  | 1 37  | Salem, Mass.....                  | add  | 3 9  |
| Key West, Fla.....                    | add  | 1 24  | Sandy Hook N. J.....              | sub. | 32   |
| League Island, Pa.....                | add  | 5 23  | Savannah Ga.....                  | add  | 7    |
| Marblehead, Mass.....                 | add  | 3 2   | Southport (Smithville), N. C..... | sub. | 43   |
| Nahant, Mass.....                     | add  | 3 2   | Vineyard Haven, Mass.....         | add  | 3 36 |
| Nantucket, Mass.....                  | add  | 4 21  | Washington, D. C.....             | add  | 12 1 |
| Newark, N. J.....                     | add  | 54    | Watch Hill, R. I.....             | add  | 2 42 |
| New Bedford, Mass.....                | sub. | 10    | West Point, N. Y.....             | add  | 2 47 |
| Newburyport, Mass.....                | add  | 3 16  | Wilmington, N. C.....             | add  | 1 0  |

EXAMPLE.—To find the approximate time of high tide at Atlantic City, N. J., on any day find first the time of high water at New York under the desired date, and then subtract 20 minutes, as in the above table; the result is the time of high water required.

Greatest Altitude in Each State.

FROM THE RECORDS OF THE UNITED STATES GEOLOGICAL SURVEY.

| STATE OR TERRITORY.   | Name of Place.             | Height Feet. | STATE OR TERRITORY. | Name of Place.             | Height Feet. |
|-----------------------|----------------------------|--------------|---------------------|----------------------------|--------------|
| Alabama.....          | Cheaha Mt. (Talladega Co.) | 2,407        | Montana.....        | Mt. Douglas                | 11,300       |
| Alaska.....           | Mt. McKinley               | 20,460       | Nebraska.....       | White River Summit         | 4,876        |
| Arizona.....          | San Francisco Mt.          | 12,794       | Nevada.....         | Wheeler Peak               | 13,036       |
| Arkansas.....         | Magazine Mt.               | 2,800        | N. Hampshire.....   | Mt. Washington             | 6,286        |
| California.....       | Mt. Whitney                | 14,898       | New Jersey.....     | Kittatiny Mt.              | 1,630        |
| Colorado.....         | Blanca Peak                | 14,464       | New Mexico.....     | Cerro Blanco               | 14,269       |
| Connecticut.....      | Bear Mt.                   | 2,355        | New York.....       | Mt. Marcy (Adirondack)     | 5,379        |
| Delaware.....         | Dupont                     | 282          | North Carolina..... | Mt. Mitchell               | 6,703        |
| D. of Columbia.....   | Tenley                     | 400          | North Dakota.....   | Sentinel Butte             | 2,707        |
| Florida.....          | Mosshyhead                 | 263          | Ohio.....           | Ontario                    | 1,376        |
| Georgia.....          | Enota Mt.                  | 4,798        | Oklahoma.....       |                            |              |
| Idaho.....            | Hyndman Peak               | 12,073       | Oregon.....         | Mt. Hood                   | 11,225       |
| Illinois.....         | Warren                     | 1,009        | Pennsylvania.....   | Negro Mt.                  | 2,826        |
| Indiana.....          | Haley                      | 1,140        | Rhode Island.....   | Durfee Hill                | 805          |
| Indian Territory..... | Sugarloaf                  | 2,600        | South Carolina..... | Rocky Mt. (Pickens Co.)    | 3,600        |
| Iowa.....             | Ocheyedan                  | 1,554        | South Dakota.....   | Harney Peak                | 7,368        |
| Kansas.....           | Kanarado                   | 3,904        | Tennessee.....      | Mt. Leconte                | 6,612        |
| Kentucky.....         | Big Black Mt. (Harlan Co.) | 4,100        | Texas.....          | Chinati                    | 7,730        |
| Louisiana.....        | Mansfield                  | 321          | Utah.....           | Mt. Emmons                 | 13,694       |
| Maine.....            | Katahdin Mt.               | 5,200        | Vermont.....        | Mt. Mansfield              | 4,430        |
| Maryland.....         | Great Backbone Mt.         | 3,400        | Virginia.....       | Mt. Rogers (Grayson Co.)   | 5,719        |
| Massachusetts.....    | Mt. Greylock               | 3,535        | Washington.....     | Mt. Rainier                | 14,500       |
| Michigan.....         | Porcupine Mt.              | 2,023        | West Virginia.....  | Spruce Mt. (Pendleton Co.) | 4,860        |
| Minnesota.....        | Mesabi Range               | 2,000        | Wisconsin.....      | Summit Lake                | 1,732        |
| Mississippi.....      | Pontotoc Ridge             | 566          | Wyoming.....        | Frémont Peak               | 13,790       |
| Missouri.....         | Cedar Gap                  | 1,675        |                     |                            |              |

NOTE.—The above table was prepared for THE WORLD ALMANAC by the Geographic Branch of the United States Geological Survey. It should be stated in connection with this table that it presents only points whose heights are matters of record, and that in several cases in the high mountain region of the far West and the Pacific Slope it is well known that there are higher points within the State or Territory whose heights are not yet known with accuracy, and consequently cannot be given.

This table was revised by the United States Geological Survey to November 1, 1899.

\* Western end of Beaver County, Oklahoma, reaches 5,000 feet elevation.

## Latitude and Longitude Table.

(LONGITUDE RECKONED FROM GREENWICH.)

Specially prepared for THE WORLD ALMANAC.

|                              | °  | '  | "  | N. | H. | M.   | S.   | °  | '  | "  | N. | H. | M. | S.   |      |    |
|------------------------------|----|----|----|----|----|------|------|----|----|----|----|----|----|------|------|----|
| Acapulco, Mex.....           | 16 | 50 | 56 | N. | 6  | 39   | 41.8 | W. | 43 | 4  | 37 | N. | 5  | 57   | 37.8 | W. |
| Adelaide, S. Australia*..... | 34 | 55 | 38 | S. | 9  | 14   | 20.3 | E. | 13 | 4  | 8  | N. | 5  | 20   | 59.4 | E. |
| Aden, Arabia.....            | 12 | 46 | 40 | N. | 2  | 59   | 55.8 | E. | 40 | 24 | 30 | N. | 0  | 14   | 45.4 | W. |
| Albany, N. Y. *.....         | 42 | 39 | 13 | N. | 4  | 55   | 6.8  | W. | 14 | 35 | 25 | N. | 8  | 3    | 50.0 | E. |
| Algiers*.....                | 36 | 47 | 50 | N. | 0  | 22   | 11.4 | E. | 43 | 18 | 18 | N. | 0  | 21   | 34.6 | E. |
| Allegheny, Pa. *.....        | 40 | 27 | 42 | N. | 5  | 26   | 2.9  | W. | 37 | 49 | 53 | S. | 9  | 39   | 54.1 | W. |
| Alexandria, Egypt.....       | 31 | 11 | 43 | N. | 1  | 59   | 26.7 | E. | 19 | 26 | 2  | N. | 6  | 36   | 26.7 | E. |
| Amherst, Mass. *.....        | 42 | 22 | 17 | N. | 4  | 50   | 4.7  | W. | 6  | 19 | 5  | N. | 0  | 43   | 15.7 | W. |
| Ann Arbor, Mich. *.....      | 42 | 16 | 48 | N. | 5  | 34   | 55.2 | W. | 45 | 30 | 17 | N. | 4  | 54   | 18.7 | W. |
| Annapolis, Md. *.....        | 38 | 58 | 54 | N. | 5  | 5    | 56.5 | W. | 55 | 45 | 20 | N. | 2  | 30   | 17.2 | E. |
| Antipodes Island.....        | 49 | 43 | 0  | S. | 11 | 54   | 52.3 | E. | 37 | 20 | 24 | N. | 8  | 6    | 34.1 | W. |
| Apia, Samoa.....             | 13 | 48 | 56 | S. | 11 | 26   | 59.7 | E. | 48 | 8  | 45 | N. | 0  | 46   | 26.1 | E. |
| Archangel, Russia.....       | 64 | 32 | 6  | N. | 2  | 42   | 14.0 | E. | 56 | 32 | 51 | N. | 4  | 6    | 42.7 | W. |
| Armagh, Ireland*.....        | 54 | 21 | 13 | N. | 0  | 26   | 35.4 | W. | 40 | 51 | 46 | N. | 0  | 57   | 1.8  | E. |
| Aspinwall, S. A., Lt.....    | 9  | 22 | 9  | N. | 5  | 19   | 39.0 | W. | 36 | 8  | 54 | N. | 5  | 47   | 12.0 | W. |
| Astoria, Ore.....            | 46 | 11 | 19 | N. | 8  | 15   | 18.8 | W. | 29 | 50 | 47 | S. | 5  | 9    | 27.8 | W. |
| Athens, Greece*.....         | 37 | 58 | 21 | N. | 1  | 34   | 54.9 | E. | 25 | 60 | 47 | S. | 2  | 4    | 1.2  | E. |
| Attu Island, Alaska.....     | 52 | 56 | 1  | N. | 11 | 32   | 49.6 | E. | 41 | 18 | 36 | N. | 4  | 51   | 42.1 | W. |
| Bahia, Brazil.....           | 13 | 0  | 37 | S. | 2  | 34   | 8.4  | W. | 29 | 57 | 46 | N. | 6  | 0    | 13.9 | W. |
| Baltimore, Md.....           | 39 | 17 | 48 | N. | 5  | 6    | 26.0 | W. | 40 | 45 | 23 | N. | 4  | 55   | 53.6 | W. |
| Batavia, Java.....           | 6  | 7  | 40 | S. | 7  | 7    | 13.7 | E. | 43 | 43 | 17 | N. | 0  | 29   | 12.2 | E. |
| Belize, Honduras.....        | 17 | 29 | 20 | N. | 5  | 52   | 46.7 | W. | 36 | 49 | 33 | N. | 5  | 5    | 11.0 | W. |
| Belle Isle, Lt.....          | 51 | 53 | 0  | N. | 3  | 41   | 29.5 | W. | 71 | 11 | 0  | N. | 1  | 42   | 40.0 | E. |
| Berlin, Prussia*.....        | 52 | 30 | 17 | N. | 0  | 53   | 34.9 | E. | 44 | 27 | 42 | N. | 6  | 12   | 35.8 | W. |
| Bermuda, Dock Yard.....      | 32 | 19 | 24 | N. | 4  | 19   | 18.3 | W. | 46 | 28 | 37 | N. | 2  | 3    | 2.2  | E. |
| Bombay*.....                 | 18 | 53 | 45 | N. | 0  | 45   | 15.7 | E. | 41 | 13 | 8  | N. | 7  | 27   | 59.6 | W. |
| Bonn, Germany*.....          | 50 | 43 | 45 | N. | 0  | 28   | 23.3 | E. | 51 | 45 | 34 | N. | 0  | 5    | 0.4  | W. |
| Bordeaux, France*.....       | 44 | 50 | 17 | N. | 0  | 2    | 5.4  | W. | 8  | 57 | 6  | N. | 5  | 18   | 8.8  | W. |
| Boston State House.....      | 42 | 21 | 28 | N. | 4  | 44   | 15.3 | W. | 1  | 26 | 59 | S. | 3  | 14   | 0.0  | W. |
| Bridgetown, Barbadoes 13     | 5  | 42 | N. | 3  | 58 | 29.3 | W.   | 40 | 50 | 12 | N. | 0  | 9  | 20.9 | W.   |    |
| Brussels, Belgium*.....      | 50 | 51 | 10 | N. | 0  | 17   | 28.6 | E. | 38 | 20 | 47 | N. | 5  | 49   | 14.1 | W. |
| Buenos Ayres.....            | 34 | 36 | 30 | S. | 3  | 53   | 28.9 | W. | 8  | 3  | 22 | S. | 2  | 19   | 27.8 | W. |
| Calcutta.....                | 22 | 33 | 25 | N. | 5  | 53   | 20.7 | E. | 18 | 33 | 54 | N. | 2  | 49   | 23.0 | W. |
| Callao, Chile, Lt.....       | 12 | 4  | 3  | S. | 5  | 9    | 3.0  | W. | 37 | 57 | 7  | N. | 5  | 0    | 38.5 | W. |
| Cambridge, Eng. *.....       | 52 | 12 | 52 | N. | 0  | 0    | 22.7 | E. | 71 | 27 | 0  | N. | 10 | 25   | 0.0  | W. |
| Cambridge, Mass. *.....      | 42 | 22 | 48 | N. | 4  | 44   | 31.0 | E. | 43 | 39 | 28 | N. | 4  | 41   | 1.2  | W. |
| Canton, China.....           | 23 | 6  | 35 | N. | 7  | 33   | 46.3 | E. | 20 | 8  | 46 | S. | 3  | 49   | 57.7 | E. |
| Cape Cod, Mass., Lt.....     | 42 | 2  | 21 | N. | 4  | 40   | 14.6 | W. | 31 | 15 | 45 | N. | 2  | 9    | 15.5 | E. |
| C. Hatteras, N. C., Lt.....  | 35 | 15 | 14 | N. | 5  | 2    | 5.0  | W. | 10 | 38 | 39 | N. | 4  | 6    | 2.5  | W. |
| Cape Henry, Va., Lt.....     | 36 | 55 | 29 | N. | 5  | 4    | 2.0  | W. | 51 | 41 | 10 | S. | 3  | 51   | 26.0 | W. |
| Cape Horn.....               | 55 | 58 | 41 | S. | 4  | 29   | 5.0  | W. | 50 | 5  | 19 | N. | 0  | 57   | 40.3 | E. |
| Cape May, N. J., Lt.....     | 38 | 55 | 56 | N. | 4  | 59   | 50.7 | E. | 40 | 20 | 58 | N. | 4  | 58   | 37.5 | W. |
| Cape Good Hope, Lt.....      | 34 | 21 | 12 | S. | 1  | 13   | 58.0 | W. | 41 | 49 | 46 | N. | 4  | 45   | 37.5 | W. |
| Cape Prince of Wales.....    | 65 | 33 | 30 | N. | 11 | 11   | 56.8 | W. | 46 | 47 | 59 | N. | 4  | 44   | 52.6 | W. |
| Charleston, S. C., Lt.....   | 32 | 41 | 44 | N. | 5  | 19   | 32.0 | W. | 37 | 52 | 16 | N. | 5  | 9    | 44.0 | W. |
| Charlottetown, P. E. I.....  | 46 | 13 | 55 | N. | 4  | 12   | 27.5 | W. | 22 | 54 | 24 | S. | 2  | 52   | 41.4 | W. |
| Cherbourg, France.....       | 49 | 38 | 54 | N. | 0  | 6    | 32.5 | W. | 43 | 9  | 17 | N. | 5  | 10   | 21.8 | W. |
| Chicago, Ill. *.....         | 41 | 50 | 1  | N. | 5  | 50   | 26.7 | W. | 41 | 53 | 54 | N. | 0  | 49   | 55.6 | E. |
| Christiania, Nor. *.....     | 59 | 54 | 44 | N. | 0  | 42   | 53.8 | E. | 30 | 46 | 47 | N. | 7  | 6    | 48.7 | E. |
| Cincinnati, O. *.....        | 39 | 8  | 19 | N. | 5  | 37   | 41.3 | W. | 32 | 43 | 6  | N. | 7  | 46   | 38.7 | W. |
| Clinton, N. Y. *.....        | 43 | 3  | 17 | N. | 5  | 1    | 37.4 | W. | 40 | 27 | 40 | N. | 4  | 58   | 0.6  | W. |
| Colombo, Ceylon.....         | 6  | 55 | 40 | N. | 5  | 19   | 21.9 | E. | 37 | 47 | 28 | N. | 8  | 9    | 42.8 | W. |
| Constantinople.....          | 41 | 0  | 30 | N. | 1  | 56   | 3.7  | E. | 18 | 28 | 56 | N. | 5  | 4    | 24.9 | W. |
| Copenhagen.....              | 55 | 41 | 13 | N. | 0  | 50   | 18.8 | E. | 20 | 0  | 16 | N. | 5  | 3    | 22.0 | W. |
| Demerara (Geo' town) Lt      | 6  | 49 | 20 | N. | 3  | 52   | 46.0 | N. | 32 | 4  | 52 | N. | 5  | 24   | 21.7 | W. |
| Denver, Col. *.....          | 39 | 40 | 36 | N. | 6  | 59   | 47.6 | W. | 47 | 35 | 54 | N. | 8  | 9    | 19.9 | W. |
| Dublin, Ireland*.....        | 53 | 23 | 13 | N. | 0  | 25   | 21.1 | W. | 31 | 14 | 42 | N. | 8  | 8    | 5.5  | W. |
| Edinburgh*.....              | 55 | 57 | 23 | N. | 0  | 12   | 43.1 | W. | 1  | 17 | 11 | N. | 6  | 55   | 25.0 | E. |
| Esquimault, B. C., Lt.....   | 48 | 25 | 40 | N. | 8  | 13   | 47.1 | W. | 15 | 55 | 0  | S. | 0  | 22   | 52.0 | E. |
| Father Point, Que., Lt.....  | 48 | 31 | 25 | N. | 4  | 33   | 49.2 | W. | 47 | 34 | 2  | N. | 3  | 30   | 43.6 | W. |
| Fayal, Azores.....           | 38 | 32 | 9  | N. | 1  | 54   | 16.0 | W. | 38 | 38 | 4  | N. | 6  | 0    | 49.1 | W. |
| Fernandina, Fla.....         | 30 | 40 | 18 | N. | 5  | 25   | 51.1 | W. | 59 | 56 | 30 | N. | 2  | 1    | 13.5 | E. |
| Florence, Italy*.....        | 43 | 46 | 4  | N. | 0  | 45   | 1.5  | E. | 59 | 20 | 33 | N. | 2  | 12   | 14.0 | E. |
| Funchal, Madeira.....        | 32 | 38 | 4  | N. | 1  | 7    | 35.6 | E. | 19 | 7  | 0  | N. | 2  | 29   | 16.6 | E. |
| Galveston, Tex.....          | 29 | 18 | 17 | N. | 6  | 19   | 9.7  | W. | 33 | 51 | 41 | N. | 10 | 4    | 49.5 | W. |
| Geneva, Switzerland*.....    | 46 | 11 | 59 | N. | 0  | 24   | 36.8 | E. | 35 | 39 | 17 | N. | 9  | 18   | 58.0 | E. |
| Glasgow, Scotland*.....      | 55 | 52 | 43 | N. | 0  | 17   | 10.6 | W. | 30 | 48 | 36 | N. | 0  | 41   | 14.5 | W. |
| Gibraltar.....               | 36 | 6  | 30 | N. | 0  | 21   | 23.3 | W. | 52 | 10 | 10 | N. | 0  | 20   | 31.7 | W. |
| Greenwich, Eng. *.....       | 51 | 28 | 38 | N. | 0  | 0    | 0.0  | W. | 33 | 1  | 53 | S. | 4  | 46   | 34.8 | E. |
| Halifax, N. S. *.....        | 44 | 39 | 38 | N. | 4  | 14   | 21.1 | N. | 45 | 26 | 10 | N. | 0  | 49   | 22.1 | E. |
| Hamburg, Ger. *.....         | 53 | 33 | 7  | N. | 0  | 39   | 53.8 | E. | 19 | 12 | 29 | N. | 6  | 24   | 31.8 | W. |
| Hanover, N. H. *.....        | 43 | 42 | 15 | N. | 4  | 49   | 7.9  | W. | 48 | 25 | 26 | N. | 8  | 13   | 33.8 | W. |
| Havana, Cuba.....            | 23 | 9  | 21 | N. | 5  | 29   | 26.0 | W. | 48 | 13 | 55 | N. | 1  | 5    | 21.5 | E. |
| Hobart Town, Tas.....        | 42 | 53 | 25 | S. | 9  | 49   | 20.5 | E. | 52 | 13 | 6  | N. | 1  | 24   | 7.4  | E. |
| Hong Kong, China*.....       | 22 | 18 | 12 | N. | 7  | 36   | 41.9 | E. | 38 | 55 | 15 | S. | 5  | 8    | 15.7 | W. |
| Honolulu (Reef Lt.).....     | 21 | 17 | 55 | N. | 10 | 31   | 28.0 | W. | 41 | 18 | 1  | S. | 11 | 39   | 6.5  | E. |
| Key West, Fla., Lt.....      | 24 | 32 | 58 | N. | 5  | 27   | 12.3 | W. | 41 | 23 | 22 | N. | 4  | 55   | 50.6 | W. |
| Kingston, Jam.....           | 17 | 57 | 41 | N. | 5  | 7    | 10.7 | W. | 42 | 42 | 30 | N. | 4  | 52   | 50.4 | W. |
| Lisbon, Portugal*.....       | 38 | 42 | 31 | N. | 0  | 36   | 44.7 | W. | 35 | 26 | 24 | N. | 9  | 18   | 36.9 | E. |
| Liverpool*.....              | 53 | 24 | 5  | N. | 0  | 12   | 17.3 | W. | 6  | 9  | 43 | S. | 2  | 36   | 44.7 | E. |

\* Observatories. Lt.

denotes a light-house.

(Revised December, 1899, at the New York Post-Office, for THE WORLD ALMANAC.)

## DOMESTIC RATES OF POSTAGE.

ALL mailable matter for transmission by the United States mails within the United States is divided into four classes, under the following regulations:

**First-Class Matter.**—This class includes letters, postal cards, and anything sealed or otherwise closed against inspection, or anything containing writing not allowed as an accompaniment to printed matter under class three.

Rates of letter postage to any part of the United States, *two cents per ounce or fraction thereof.*

Rates on local or drop letters at free delivery offices, two cents per ounce or fraction thereof. At offices where there is no free delivery by carriers, one cent per ounce or fraction thereof.

Rates on **postal cards**, one cent (double or "reply" cards, two cents). Nothing must be added or attached to a postal card, except that a printed address slip may be pasted on the address or message side. The addition of anything else subjects the card to letter postage. A card containing any threat, offensive dun, or any scurrilous or indecent communication will not be forwarded. The rule that has heretofore existed excluding from the face of a postal card words indicating the occupation or business of the addressee has been revoked. In future these additions, or others of a like general character, will be held to be constructively a part of the address, and therefore permissible. Cards that have been spoiled in printing or otherwise will not be redeemed.

"PRIVATE MAILING CARDS" bearing written messages may be transmitted in the mails, domestic and foreign, at the rate of a cent apiece, stamps to be affixed by the sender; such cards to be sent openly in the mails, to be no larger, and to be approximately of the same form, quality, and weight as the stamped postal card now in general use in the United States.

To be entitled to the privileges given by this act of Congress, mailing cards must conform to the following conditions:

1. Each card must be an unfolded piece of cardboard, not exceeding  $3\frac{1}{4}$  by  $5\frac{1}{2}$  inches, and not less than 2 15-16 by 4 15-16 inches in size.
2. The quality and weight must be substantially that of the Government postal card of like size.
3. They may be of any color which does not interfere with the legibility of the address.
4. Each card must bear these words at the top of the address side: "Private Mailing Card—Authorized by act of Congress of May 19, 1898," placed thereon by means of printing or hand-stamp.
5. Cards conforming to the conditions of paragraphs 1 to 4, inclusive, are admissible for transmission in the domestic mails, including Porto Rico, Guam, and the Philippine Islands, and to places in Canada and Mexico, at the postage rate of one cent each, prepaid by stamps affixed.
6. Cards conforming to the conditions of paragraphs 1 to 4, inclusive, will be rendered admissible to the Postal Union mails by the addition of the words "Postal Card—Carte Postale" on the face near the top, either by writing, printing, or hand-stamp, at the postage rate of two cents each, prepaid by stamps affixed.
7. The message on the cards may be in writing or in print, and the message side may bear advertisements and illustrations in any color.
8. The face of the cards shall be reserved for postage stamps, postmarks, and addresses, which letter may be in writing, printing, or by means of a stamp or adhesive label of not more than three-fourths of an inch by two inches in size; provided that the sender may in the same manner place his name and address on the back or the face of the card, and that advertisements and illustrations may be printed on the face of the cards if they do not interfere with a perfectly distinct address and postmark.
9. When Private Mailing Cards are prepared by printers and stationers for sale, they should, in addition to conforming to all the conditions of paragraphs 1 to 4, inclusive, bear on the face near the top the words "Postal Card—Carte Postale," which addition will render them admissible to the Postal Union, as well as the domestic mails. Such cards should also bear in the upper right-hand corner of the face an oblong diagram containing the words "Place postage stamp here," and across the bottom the words "This side for the address."
10. The words "Private Mailing Card" are permissible only on cards that conform to the conditions prescribed by this order; other cards bearing these words, or otherwise purporting to be issued under authority of the act of May 19, 1898, are inadmissible to the mails.
11. The privilege given by the act is not intended to work a discontinuance of the Government postal cards. These will be issued and sold the same as heretofore.

Rates on specially delivered letters, ten cents on each letter *in addition* to the regular postage. This entitles the letter to immediate delivery by special messenger. Special delivery stamps are sold at post-offices, and must be affixed to such letters. An ordinary ten-cent stamp affixed to a letter will *not* entitle it to special delivery. The delivery, at carrier offices, extends to the limits of the carrier routes. At non-carrier offices it extends to one mile from the post-office. Postmasters are not obliged to deliver beyond these limits, and letters addressed to places beyond must await delivery in the usual way, notwithstanding the special delivery stamp.

Prepayment by stamps invariably required. Postage on all letters should be *fully* prepaid, but if prepaid one full rate and no more, they will be forwarded, and the amount of deficient postage collected on delivery; if wholly unpaid, or prepaid with less than one full rate and deposited at a post-office, the addressee will be notified to remit postage; and if he fails to do so, they will be sent to the Dead Letter Office; but they will be returned to the sender if he is located at the place of mailing, and if his address be printed or written upon them.

Letter rates are charged on all productions by the typewriter or manifold process, and on all printed imitations of typewriting or manuscript, unless such reproductions are presented at post-office windows in the minimum number of twenty identical copies.

Letters (but no other class of mail matter) will be returned to the sender free, if a request to that effect is printed or written on the envelope. There is no limit of weight for first-class matter.

Prepaid letters will be reforwarded from one post-office to another upon the written request of the person addressed, without additional charge for postage. The direction on forwarded letters may be changed as many times as may be necessary to reach the person addressed.

**Second-Class Matter.**—This class includes all newspapers, periodicals, or matter exclusively in print and regularly issued at stated intervals as frequently as four times a year, from a known office of publication or news agency, to actual subscribers or news agents, and transient newspapers and publications of this character mailed by persons other than publishers. Also periodical publications of benevolent and fraternal societies, etc. This applies to all reports and the like made by officers of societies organized under the lodge system and having a membership of a thousand persons, and of the bulletins and proceedings of strictly professional, literary, historical, and scientific associations and institutions, trade unions, etc., provided only that these be published not less often than four times a year, and that they be printed on

and be bound in paper. Publishers who wish to avail themselves of the privileges of the act are required to make formal application to the department through the postmaster at the place of publication, producing satisfactory evidence that the organizations represented come within the purview of the law, and that the object of the publications is to further the objects and purposes of the organizations.

Rates of postage to publishers, *one cent a pound or fractional part thereof*, prepaid in currency. Publications designed primarily for advertising or free circulation, or not having a legitimate list of subscribers, are excluded from the pound rate, and pay third-class rates.

Whenever the general character and manner of issue of a periodical publication is changed in the interest of the publisher, or of an advertiser or other person, by the addition of unusual quantities of advertisements, or of matter different from that usually appearing in the publication, or calculated to give special prominence to some particular business or businesses, or otherwise—especially where large numbers of copies are circulated by or in the interest of particular persons, or where there is to be an excessive number of alleged sample copies mailed, or where the issue is to be sold at a special and different price than that charged for the customary issues, the second-class rates of postage will be denied that issue; and if there be repeated instances of such irregularities, the publication will be excluded from the mails as second-class matter.

Such "Christmas," "New Year's," and other special issues, including "Almanacs," as are excluded from second-class privileges by the terms above specified may be transmitted by mail only when prepaid by postage stamps at the rate applicable to third-class matter—one cent for each two ounces or fraction thereof.

Publications sent to actual subscribers in the county where published are free, unless mailed for local delivery at a letter-carrier office.

Rates of postage on transient newspapers, magazines, or periodicals, *one cent for each four ounces or fraction thereof*. It should be observed that the rate is one cent for each four ounces, not one cent for each paper contained in the same wrapper. Second-class matter will be entitled to special delivery when special delivery ten-cent stamps are affixed in addition to the regular postage.

Transient second-class matter must be so wrapped as to enable the postmaster to inspect it. The sender's name and address may be written in them, but any other writing subjects the matter to letter postage. The name and address of the sender may also be written on the wrapper.

**Third-Class Matter.**—Mail matter of the third class includes printed books, pamphlets, engravings, circulars (in print or by the hectograph, electric-pen, or similar process), and other matter wholly in print, proof-sheets, corrected proof-sheets, and manuscript copy accompanying the same.

The rate on matter of this class is *one cent for each two ounces or fraction thereof*.

\* Manuscript unaccompanied by proof-sheets must pay letter rates.

Third-class matter must admit of easy inspection, otherwise it will be charged letter rates on delivery. It must be fully prepaid, or it will not be forwarded.

The limit of weight is four pounds, except single books in separate packages, on which the weight is not limited. It is entitled, like matter of the other classes, to special delivery when special delivery stamps are affixed in addition to the regular postage.

Upon matter of the third-class, or upon the wrapper or envelope inclosing the same, or the tag or label attached thereto, the sender may write his own name, occupation, and residence or business address, preceded by the word "from," and may make marks other than by written or printed words to call attention to any word or passage in the text, and may correct any typographical errors. There may be placed upon the blank leaves or cover of any book, or printed matter of the third-class, a simple manuscript dedication or inscription not of the nature of a personal correspondence. Upon the wrapper or envelope of third-class matter, or the tag or label attached thereto, may be printed any matter available as third-class, but there must be left on the address side a space sufficient for the legible address and necessary stamps.

**Fourth-Class Matter.**—Fourth-class matter is all available matter not included in the three preceding classes which is so prepared for mailing as to be easily withdrawn from the wrapper and examined. It embraces merchandise and samples of every description, and coin or specie.

Rate of postage, *one cent for each ounce or fraction thereof* (except seeds, roots, bulbs, cuttings, cions, and plants, the rate on which is *one cent for each two ounces or fraction thereof*). This matter must be fully prepaid, or it will not be forwarded. The affixing of special delivery ten-cent stamps in addition to the regular postage entitles fourth-class matter to special delivery. (See remarks under "first-class matter.")

Articles of this class that are liable to injure or deface the mails, such as glass, sugar, needles, nails, pens, etc., must be first wrapped in a bag, box, or open envelope and then secured in another outside tube or box, made of metal or hard wood, without sharp corners or edges, and having a sliding clasp or screw lid, thus securing the articles in a double package. The public should bear in mind that the first object of the department is to transport the mails safely, and every other interest is made subordinate.

Such articles as poisons, explosives, or inflammable articles, live animals, insects, or substances exhaling a bad odor will not be forwarded in any case.

Firearms may only be sent in detached parts.

The regulations respecting the mailing of liquids are as follows: Liquids, not ardent, vinous, spirituous, or malt, and not liable to explosion, spontaneous combustion, or ignition by shock or jar, and not inflammable (such as kerosene, naphtha, or turpentine), may be admitted to the mails for transportation within the United States. When in glass bottles or vials, such bottles or vials must be strong enough to stand the shock of handling in the mails, and must be inclosed in a metal, wooden, or papier mache block or tube, not less than three-sixteenths of an inch thick in the thinnest part, strong enough to support the weight of mails piled in bags and resist rough handling; and there must be provided, between the bottle and said block or tube, a cushion of cotton, felt, or some other absorbent sufficient to protect the glass from shock in

handling; the block or tube to be closed by a tightly fitting lid or cover, so adjusted as to make the block or tube water tight and to prevent the leakage of the contents in case of breaking the glass. When inclosed in a tin cylinder, metal case, or tube, such cylinder, case, or tube should have a lid or cover so secured as to make the case or tube water tight, and should be securely fastened in a wooden or paper mache block (open only at one end), and not less in thickness and strength than above described. Manufacturers or dealers intending to transmit articles or samples in considerable quantities should submit a sample package, showing their mode of packing, to the postmaster at the mailing office, who will see that the conditions of this section are carefully observed. The limit of admissible liquids and oils is not exceeding four ounces, liquid measure.

Limit of weight of fourth-class matter (excepting liquids), four pounds.

The name and address of the sender, preceded by the word "from," may also any marks, numbers, names, or letters for the purpose of description, such as prices, quantity, etc., may be written on the wrapper of fourth-class matter without additional postage charge. A request to the delivering postmaster may also be written asking him to notify the sender in case the package is not delivered.

**Registration.**—All kinds of postal matter may be registered at the rate of *eight cents for each package* in addition to the regular rates of postage, to be fully prepaid by stamps. Each package must bear the name and address of the sender, and a receipt will be returned from the person to whom addressed. Mail matter can be registered at all post-offices in the United States.

An indemnity—not to exceed \$10 for any one registered piece, or the actual value of the piece, if it is less than \$10—shall be paid for the loss of first-class registered matter.

**Domestic Money Orders.**—Domestic money orders are issued by money-order post-offices for any amount up to \$100, at the following rates:

For sums not exceeding \$2.50, 3 cents; over \$2.50 to \$5, 5 cents; over \$5 to \$10, 8 cents; over \$10 to \$20, 10 cents; over \$20 to \$30, 12 cents; over \$30 to \$40, 15 cents; over \$40 to \$50, 18 cents; over \$50 to \$60, 20 cents; over \$60 to \$75, 25 cents; over \$75 to \$100, 30 cents; two cents is added to each fee for war tax.

**Stamped Envelopes.**—Embossed stamped envelopes and newspaper wrappers of several denominations, sizes, and colors are kept on sale at post-offices, singly or in quantities, at a small advance on the postage rate. Stamps cut from stamped envelopes are valueless; but postmasters are authorized to give good stamps for stamped envelopes or newspaper wrappers that may be spoiled in directing, if presented in whole condition and with satisfactory evidence.

All matter concerning lotteries, gift concerts, or schemes devised to defraud the public, or for the purpose of obtaining money under false pretences, is denied transmission in the mails.

Applications for the establishment of post-offices should be addressed to the First Assistant Postmaster-General, accompanied by a statement of the necessity therefor. Instructions will then be given and blanks furnished to enable the petitioners to provide the department with the necessary information.

The franking privilege was abolished July 1, 1873, but the following mail matter may be sent free by legislative saving clauses, viz.:

1. All public documents printed by order of Congress, the Congressional Record and speeches contained therein, franked by Members of Congress, or the Secretary of the Senate, or Clerk of the House.

2. Seeds transmitted by the Secretary of Agriculture, or by any Member of Congress, procured from that Department.

3. All periodicals sent to subscribers within the county where printed.

4. Letters and packages relating exclusively to the business of the Government of the United States, mailed only by officers of the same, publications required to be mailed to the Librarian of Congress by the Copyright law, and letters and parcels mailed by the Smithsonian Institution. All these must be covered by specially printed "penalty" envelopes or labels.

5. The Vice-President, Members and Members-elect and Delegates and Delegates-elect to Congress may frank any mail matter, not over two ounces in weight, upon official or departmental business.

All communications to Government officers and to Members of Congress are required to be prepaid by stamps.

**Suggestions to the Public** (from the United States Official Postal-Guide).—Mail all letters, etc., as early as practicable, especially when sent in large numbers, as is frequently the case with newspapers and circulars.

All mail matter at large post-offices is necessarily handled in great haste and should therefore in all cases be so PLAINLY addressed as to leave NO ROOM FOR DOUBT AND NO EXCUSE FOR ERROR on the part of postal employes. Names of States should be written in full (or their abbreviations very distinctly written) in order to prevent errors which arise from the similarity of such abbreviations as Cal., Col.; Pa., Va., Vt.; Me., Mo., Md.; Ioa., Ind.; N. H., N. M., N. Y., N. J., N. C., D. C.; Miss., Minn., Mass.; Nev., Neb.; Penn., Tenn., etc., when hastily or carelessly written. This is especially necessary in addressing mail matter to places of which the names are borne by several post-offices in different States.

Avoid as much as possible using envelopes made of flimsy paper, especially where more than one sheet of paper, or any other article than paper, is enclosed. Being often handled, and even in the mail-bags subject to pressure, such envelopes not infrequently split open, giving cause of complaint.

Never send money or any other article of value through the mail except either by means of a money order or in a registered letter. Any person who sends money or jewelry in an unregistered letter not only runs a risk of losing his property, but exposes to temptation every one through whose hands his letter passes, and may be the means of ultimately bringing some clerk or letter-carrier to ruin.

See that every letter or package bears the full name and post-office address of the writer, in order to secure the return of the letter, if the person to whom it is directed cannot be found. A much larger portion of the undelivered letters could be returned if the names and addresses of the senders were always fully and plainly written or printed inside or on the envelopes. Persons who have large

correspondence find it most convenient to use "special request envelopes;" but those who only mail an occasional letter can avoid much trouble by writing a request to "return if not delivered," etc., on the envelope.

When dropping a letter, newspaper, etc., into a street mailing-box, or into the receptacle at a post-office, always see that the packet falls into the box and does not stick in its passage; observe, also, particularly, whether the postage stamps remain securely in their places.

Postage stamps should be placed on the upper right-hand corner of the address side of all mail matter.

The street and number (or box number) should form a part of the address of all mail matter directed to cities. In most cities there are many persons, and even firms, bearing the same name. Before depositing any package or other article for mailing, the sender should assure himself that it is wrapped and packed in the manner prescribed by postal regulations; that it does not contain *unmailable* matter nor exceed the limit of size and weight as fixed by law; and that it is fully prepaid and properly addressed. The postage stamps on all mail matter are necessarily cancelled at once, and the value of those affixed to packages that are afterward discovered to be short-paid or otherwise unmailable is therefore liable to be lost to the senders.

It is unlawful to send an ordinary letter by express or otherwise outside of the mails unless it be inclosed in a Government-stamped envelope. It is also unlawful to inclose a letter in an express package unless it pertains wholly to the contents of the package.

It is forbidden by the regulations of the Post-Office Department for postmasters to give to any person information concerning the mail matter of another, or to disclose the name of a box-holder at a post-office.

Letters addressed to persons temporarily sojourning in a city where the Free Delivery System is in operation should be marked "Transient" or "General Delivery," if not addressed to a street and number or some other designated place of delivery.

Foreign books, etc., infringing United States copyright are *undeliverable* if received in foreign mails, or mailed here.

The foregoing rates, rules, and suggestions apply to postal matters in the United States.

## Foreign Mails.

### POSTAGE RATES AND CONDITIONS.

THE rates of postage to all foreign countries and colonies (except Canada and Mexico) are as follows:

|   |          |
|---|----------|
| Letters, per 15 grams ( $\frac{1}{2}$ ounce).....   | 5 cents. |
| Postal cards, each.....   | 2 cents. |
| Newspapers and other printed matter, per 2 ounces.....  | 1 cent.  |
| Commercial papers (such as legal and insurance papers, deeds, bills of lading, invoices, manuscript for publication, etc.)..... | 5 cents. |
| Samples of merchandise.....   | 1 cent.  |
| Registration fee on letters or other articles.....  | 8 cents. |

*(Packets not in excess of 10 ounces. Packets in excess of 10 ounces, for each 2 ounces or fraction thereof. Packets not in excess of 4 ounces. Packets in excess of 4 ounces, for each 2 ounces or fraction thereof.)*

Ordinary letters for countries of the Postal Union (except Canada and Mexico) will be forwarded, whether any postage is prepaid on them or not. All other mailable matter must be prepaid at least partially. Mail matter for Hawaii and Cuba, if addressed to persons in the service of the United States, should be prepaid at Domestic Rates, and at Postal Union Rates if addressed to other persons. Domestic rates apply to Porto Rico, Guam, and the Philippine Islands.

### CANADA.

|   |          |
|---|----------|
| Letters, per ounce, prepayment compulsory.....                              | 2 cents. |
| Postal cards, each.....   | 1 cent.  |
| Newspapers, per 4 ounces.....   | 1 cent.  |
| Merchandise, not exceeding 4 pounds (samples 1c. per 2 oz.), per ounce..... | 1 cent.  |
| Commercial papers, same as to other Postal Union countries.....             | 1 cent.  |
| Registration fee.....   | 8 cents. |

Any article of correspondence may be registered. Packages of merchandise are subject to the regulations of either country to prevent violations of the revenue laws; must not be closed against inspection, and must be so wrapped and inclosed as to be easily examined. Samples must not exceed 12 ounces in weight. No sealed packages other than letters in their usual and ordinary form may be sent by mail to Canada.

Mails for and via United States Postal Agency at Shanghai go at domestic rates and conditions, except letters (5 cents) and postal cards (2 cents). Sealed packages prohibited.

### MEXICO.

Letters, newspapers, and printed matter are now carried between the United States and Mexico at same rates as in the United States. Samples are 1 cent for 2 ounces; limit of weight, 12 ounces. Merchandise other than samples may only be sent by Parcels Post. No sealed packages other than letters in their usual and ordinary form may be sent by mail to Mexico, nor any package over 4 pounds 6 ounces in weight.

### SAMPLES.

Packages of samples of merchandise are admissible up to 350 grams (12 ounces) in weight, and the following dimensions apply to all Postal Union countries: 30 centimetres (12 inches) in length, 20 centimetres (8 inches) in width, and 10 centimetres (4 inches) in depth, or if they are in the form of a roll, 12 inches in length and 6 inches in diameter. Merchandise of salable value and goods not in execution of orders, or as gifts, must be paid at full letter rate.

### PARCELS POST.

Unsealed packages of mailable merchandise may be sent by Parcels Post to Jamaica (including Turk's Island), Barbadoes, the Bahamas, British Honduras, Mexico, the Hawaiian Islands (Sandwich Islands), the Leeward Islands, the Republic of Colombia, Costa Rica, Salvador, British Guiana, Danish West Indies (St. Thomas, St. Croix, and St. John) and the Windward Islands (St. Lucia, St. Vincent, Grenada, and the Grenadines), Trinidad, including Tobago, Chile (20 cents per pound), and Newfoundland, Honduras (Republic of), and Germany, at the following postage rate: For a parcel not exceeding one pound in weight, 12 cents; for each additional pound or fraction thereof, 12 cents. The maximum weight allowed is eleven pounds—the extreme dimensions allowed for Mexico, Costa Rica, and Colombia being two feet length by four feet girth, and for the other countries not more than three feet six inches in length, nor more than six feet in length and girth combined. Parcels must be wrapped so as to permit their contents to be easily

## FOREIGN MAILS—Continued.

examined by postmasters. Poisonous, explosive, and inflammable substances are excluded. Parcels may be registered for 8 cents each to any of the above places, except Barbadoes.

*Rates and conditions to countries not in the Universal Postal Union are now the same as those to Universal Postal Union countries.*

## GENERAL REGULATIONS RESPECTING FOREIGN MAILS.

Postage can be prepaid upon articles only by means of the postage stamps of the country in which the articles are mailed. Hence articles mailed in one country addressed to another country which bear postage stamps of the country to which they are addressed are treated as if they had no postage stamps attached to them.

Unpaid letters received from the Postal Union are chargeable with 10 cents per 15 grams ( $\frac{3}{8}$  ounce). Insufficiently prepaid correspondence of all kinds is chargeable with double the amount of the deficient postage.

Matter to be sent in the mails at less than letter rates must be so wrapped that it can be readily examined at the office of delivery, as well as the mailing office, without destroying the wrapper.

Newspapers and periodicals sent in the mails to foreign countries other than those of the Postal Union should be wrapped singly. Those sent by publishers to regular subscribers in Canada and Mexico are transmissible as in domestic mails except that packages addressed to Mexico must not exceed 4 pounds 6 ounces in weight.

The United States two-cent postal card should be used for card correspondence with foreign countries (except Canada and Mexico, to which countries the one-cent card is transmissible), but where these cards cannot be obtained, it is allowable to use for this purpose the United States one-cent postal card with a one-cent United States adhesive postage stamp attached thereto. Private cards can now be used if conforming in size, etc., to government cards and bearing words "Postal Card—Carte Postale."

Mail matter of all kinds received from any country of the Postal Union is required to be re-forwarded at the request of the addressee, from one post-office to another, or to any foreign country embraced in the Postal Union, without additional charge for postage.

All articles prohibited from domestic mails are also excluded from circulation in the mails to and from foreign countries. Postal cards or letters addressed to go around the world will not be forwarded, being prohibited.

The act of March 3, 1883, imposes a duty of 25 per cent ad valorem on all printed matter not therein otherwise provided for, without regard to mode of importation. Under said act all printed matter, except newspapers and periodicals, and except printed matter other than books imported in the mails for personal use, is subject to the regular duty of 25 per cent ad valorem.

## FOREIGN (INTERNATIONAL) MONEY ORDERS.

There are now in operation postal conventions for the exchange of money orders between the United States and the following countries, viz.: Switzerland, Great Britain and Ireland, Germany, France, Italy, Canada and Newfoundland, Jamaica, New South Wales, Victoria, New Zealand, Queensland, the Cape Colony, the Windward Islands, the Leeward Islands, Belgium, Portugal, Tasmania, Hawaii, Sweden, Norway, Japan, Denmark, Netherlands, Dutch East Indies, the Bahamas, Trinidad and Tobago, British Guiana, Republic of Honduras, Austria, Hungary, Hong Kong, Salvador, Bermuda, Luxembourg, South Australia, Cuba, Porto Rico, Chile, British Honduras, Egypt, Finland, and Korea.

Upon receiving an international money order from the issuing postmaster the remitter must send it, at his own cost to the payee, if the latter resides in Canada, Great Britain and Ireland, Queensland, Cape Colony, France and Algeria, New Zealand, New South Wales, Victoria, Tasmania, Hawaii, Jamaica, Leeward and Windward Islands and Constantinople, Bahamas, Trinidad and Tobago, British Guiana, Hong Kong, Bermuda, South Australia, Cuba, Porto Rico, and British Honduras.

But the order should be retained by the remitter if the intended beneficiary live in any of the following named countries: Germany, Switzerland, Austria, Hungary, Italy, Belgium, Portugal, Sweden, Norway, Denmark, British India, Egypt, Japan, Salvador, Luxembourg, Chile, Finland, and Korea, in which case it is of no value except as evidence of deposit of the sum therein mentioned. Another and different form of order will be forwarded to the payee by the exchange office in the country of payment.

The rates of commission or fees charged for the issue of all international money orders are as follows: For sums not exceeding \$10, 10 cents; over \$10 and not exceeding \$20, 20 cents; over \$20 and not exceeding \$30, 30 cents; over \$30 and not exceeding \$40, 40 cents; over \$40 and not exceeding \$50, 50 cents; over \$50 and not exceeding \$60, 60 cents; over \$60 and not exceeding \$70, 70 cents; over \$70 and not exceeding \$80, 80 cents; over \$80 and not exceeding \$90, 90 cents; over \$90 and not exceeding \$100, one dollar.

*Domestic rates and regulations apply to money orders for Cuba, Porto Rico, and the Philippine Islands.*

## India, China, Japan, and Australia Mails.

FIGURES in parentheses indicate number of days in transit from port of embarkation.

The Post-Office Department allows 5 days for transmission of mails from New York to San Francisco, 6 days from New York to Vancouver, B. C., 5 days from New York to Tacoma, Wash. and 8 days from New York to London, Eng.

Leave London, Eng., every Friday for Aden (10), Bombay (15), Colombo (18), Singapore (22-25), Hong Kong (29-32), Shanghai (35), Yokohama (39-41). By Peninsular and Oriental Steam Navigation Co. and Messageries Maritimes.

Leave San Francisco, Cal., about every 9 to 16 days for Singapore (35-40), Hong Kong (29), Shanghai (26), Yokohama (19). By Pacific Mail and Occidental and Oriental Steamship lines.

Leave Vancouver, B. C. about every 28 days for Hong Kong (22), Yokohama (14). By Canadian Pacific Steamship Line.

Leave Tacoma, Wash., about every 10 to 35 days for Hong Kong (27-29), Yokohama (16). By Northern Pacific Steamship Co.

AUSTRALIA MAILS.—Mails for West Australia are all sent *via* London, Eng.

Leave San Francisco, Cal., every 2 to 14 days for Honolulu, Sandwich Islands (7); and every 28 days for Apia (15), Auckland, New Zealand (19), Sydney, New South Wales (24). By Oceanic Steamship Co. Mails also leave Vancouver, B. C., about every 28 days.

Leave London, Eng., every Friday for all parts of Australia, New Zealand, Tasmania, etc.

Postal Distances and Time from New York City.

As indicated by the Official Postal Guide, showing the distance by shortest routes and time in transit by fastest trains from New York City.

| CITIES IN UNITED STATES. | Miles. | Hours. | CITIES IN UNITED STATES. | Miles. | Hours. | CITIES IN UNITED STATES.  | Miles. | Hours. |
|--------------------------|--------|--------|--------------------------|--------|--------|---------------------------|--------|--------|
| Albany, N. Y.....        | 142    | 4½     | Detroit, Mich.....       | 743    | 25     | Portland, Ore.....        | 3,181  | 114½   |
| Atlanta, Ga.....         | 882    | 24¼    | Galveston, Tex.....      | 1,789  | 56½    | Prescott, Ariz.....       | 2,734  | 94     |
| Baltimore, Md.....       | 185    | 6      | Harrisburg, Pa.....      | 182    | 6      | Providence, R. I.....     | 189    | 6      |
| Bismarck, N. Dak.....    | 1,738  | 60¼    | Hartford, Ct.....        | 112    | 4      | Richmond, Va.....         | 344    | 11¼    |
| Boise City, Idaho.....   | 2,736  | 92¼    | Helena, Mont.....        | 2,422  | 89     | St. Louis, Mo.....        | 1,048  | 29     |
| Boston, Mass.....        | 217    | 7      | Hot Springs, Ark.....    | 1,367  | 55     | St. Paul, Minn.....       | 1,300  | 37     |
| Buffalo, N. Y.....       | 410    | 11¼    | Indianapolis, Ind.....   | 808    | 23     | Salt Lake City, Utah..... | 2,452  | 71½    |
| Cape May, N. J.....      | 172    | 5½     | Jacksonville, Fla.....   | 1,077  | 32     | San Francisco, Cal.....   | 3,350  | 112¼   |
| Carson City, Nev.....    | 3,036  | 109¼   | Kansas City, Mo.....     | 1,302  | 38¼    | Santa Fé, N. Mex.....     | 2,173  | 82     |
| Charleston, S. C.....    | 804    | 21¼    | Louisville, Ky.....      | 854    | 30     | Savannah, Ga.....         | 905    | 26     |
| Chattanooga, Tenn.....   | 853    | 32     | Memphis, Tenn.....       | 1,163  | 40     | Tacoma, Wash.....         | 3,208  | 127    |
| Cheyenne, Wyo.....       | 1,899  | 54     | Milwaukee, Wis.....      | 985    | 29¼    | Topeka, Kan.....          | 1,370  | 48     |
| Chicago, Ill.....        | 900    | 25     | Montgomery, Ala.....     | 1,057  | 30½    | Trenton, N. J.....        | 177    | 2      |
| Cincinnati, O.....       | 744    | 23     | Montpelier, Vt.....      | 327    | 10¼    | Victsburg, Miss.....      | 2,588  | 50     |
| Cleveland, O.....        | 568    | 19¼    | New Orleans, La.....     | 1,344  | 40     | Vinita, Ind. Ter.....     | 1,412  | 43     |
| Columbus, O.....         | 624    | 20     | Omaha, Neb.....          | 1,583  | 43     | Washington, D. C.....     | 228    | 6¼     |
| Concord, N. H.....       | 292    | 9¼     | Philadelphia, Pa.....    | 90     | 3      | Wheeling, W. Va.....      | 496    | 14¼    |
| Deadwood, S. Dak.....    | 1,957  | 65¼    | Pittsburgh, Pa.....      | 481    | 13     | Wilmington, Del.....      | 117    | 5      |
| Denver, Col.....         | 1,930  | 60¼    | Portland, Me.....        | 325    | 12     | Wilmington, N. C.....     | 593    | 20     |
| Des Moines, Ia.....      | 1,257  | 37¼    |                          |        |        |                           |        |        |

DISTANCES AND MAIL TIME TO FOREIGN CITIES FROM THE CITY OF NEW YORK.

| BY POSTAL ROUTE TO—                   | Miles. | Days | BY POSTAL ROUTE TO—               | Miles. | Days |
|---------------------------------------|--------|------|-----------------------------------|--------|------|
| Adelalde, via San Francisco.....      | 12,845 | 34   | Havana.....                       | 1,413  | 3    |
| Alexandria, via London.....           | 6,150  | 13   | Hong Kong, via San Francisco..... | 10,590 | 25   |
| Amsterdam, ".....                     | 3,985  | 9    | Honolulu.....                     | 5,645  | 13   |
| Antwerp, ".....                       | 4,000  | 9    | Liverpool.....                    | 3,640  | 8    |
| Athens, ".....                        | 5,655  | 12   | London, via Queenstown.....       | 3,740  | 8    |
| Bahia, Brazil.....                    | 5,870  | 21   | London, via Southampton.....      | 3,760  | 8    |
| Bangkok, Siam, via San Francisco..... | 12,990 | 43   | Madrid, via London.....           | 4,925  | 9    |
| Batavia, Java, via London.....        | 12,800 | 34   | Melbourne, via San Francisco..... | 12,265 | 32   |
| Berlin, via London.....               | 4,365  | 9    | Mexico City (railroad).....       | 3,750  | 5    |
| Bombay, ".....                        | 9,765  | 24   | Panama.....                       | 2,355  | 7    |
| Bremen, ".....                        | 4,235  | 8    | Paris.....                        | 4,020  | 8    |
| Buenos Ayres.....                     | 8,045  | 29   | Rio de Janeiro.....               | 6,204  | 23   |
| Calcutta, via London.....             | 11,120 | 26   | Rome, via London.....             | 5,030  | 9    |
| Cape Town, via London.....            | 11,245 | 27   | Rotterdam, via London.....        | 3,935  | 9    |
| Constantinople, via London.....       | 5,510  | 11   | St. Petersburg, via London.....   | 5,370  | 10   |
| Florence, ".....                      | 4,800  | 10   | Shanghai, via San Francisco.....  | 9,920  | 25   |
| Glasgow, ".....                       | 3,375  | 10   | Stockholm, via London.....        | 4,975  | 10   |
| Greytown, via New Orleans.....        | 2,510  | 7    | Sydney, via San Francisco.....    | 11,570 | 31   |
| Halifax, N. S.....                    | 645    | 2    | Valparaiso, via Panama.....       | 5,910  | 37   |
| Hamburg, via London.....              | 4,340  | 9    | Vienna, via London.....           | 4,740  | 10   |
| Hamburg, direct.....                  | 4,820  | 9    | Yokohama, via San Francisco.....  | 7,348  | 20   |

Distances Between European Cities.

| TRAVELING DISTANCES<br>BETWEEN THE<br>PRINCIPAL CITIES IN EUROPE<br>IN MILES. | LONDON         |  |  |  |  |  |  |  |  |  |  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
|---|----------------|--|--|--|--|--|--|--|--|--|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
|   | LIVERPOOL      |  |  |  |  |  |  |  |  |  |  | 202  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
|   | PARIS          |  |  |  |  |  |  |  |  |  |  | 489  | 287  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
|   | MADRID         |  |  |  |  |  |  |  |  |  |  | 908  | 1397 | 1195 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
|   | LISBON         |  |  |  |  |  |  |  |  |  |  | 415  | 1323 | 1812 | 1610 |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
|   | ANTWERP        |  |  |  |  |  |  |  |  |  |  | 1530 | 1119 | 211  | 472  | 270  |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
|   | HAMBURG        |  |  |  |  |  |  |  |  |  |  | 412  | 1804 | 1495 | 587  | 859  | 657  |      |      |      |      |      |      |      |      |      |      |      |      |      |     |
|   | BERLIN         |  |  |  |  |  |  |  |  |  |  | 178  | 497  | 1889 | 1582 | 674  | 948  | 746  |      |      |      |      |      |      |      |      |      |      |      |      |     |
|   | BERNE          |  |  |  |  |  |  |  |  |  |  | 611  | 678  | 460  | 1602 | 1153 | 359  | 848  | 645  |      |      |      |      |      |      |      |      |      |      |      |     |
|   | TURIN          |  |  |  |  |  |  |  |  |  |  | 297  | 837  | 839  | 719  | 1506 | 1073 | 500  | 989  | 787  |      |      |      |      |      |      |      |      |      |      |     |
|   | VIENNA         |  |  |  |  |  |  |  |  |  |  | 720  | 555  | 427  | 605  | 727  | 2157 | 1668 | 842  | 1182 | 980  |      |      |      |      |      |      |      |      |      |     |
|   | MUNICH         |  |  |  |  |  |  |  |  |  |  | 266  | 470  | 265  | 401  | 579  | 522  | 1897 | 1477 | 582  | 970  | 768  |      |      |      |      |      |      |      |      |     |
|   | ROME           |  |  |  |  |  |  |  |  |  |  | 647  | 840  | 414  | 639  | 1048 | 1180 | 1032 | 1746 | 1223 | 907  | 1397 | 1195 |      |      |      |      |      |      |      |     |
|   | TRIESTE        |  |  |  |  |  |  |  |  |  |  | 510  | 487  | 370  | 391  | 533  | 888  | 1063 | 1009 | 1828 | 1416 | 863  | 1352 | 1150 |      |      |      |      |      |      |     |
|   | WARSAW         |  |  |  |  |  |  |  |  |  |  | 806  | 1276 | 702  | 436  | 1156 | 1021 | 398  | 576  | 895  | 2593 | 1925 | 1067 | 1557 | 1355 |      |      |      |      |      |     |
|   | CONSTANTINOPLE |  |  |  |  |  |  |  |  |  |  | 1205 | 1725 | 2138 | 1564 | 1298 | 2018 | 1883 | 1699 | 1903 | 2025 | 2345 | 2718 | 1839 | 2232 | 2030 |      |      |      |      |     |
|   | ODESSA         |  |  |  |  |  |  |  |  |  |  | 363  | 842  | 1330 | 1800 | 1226 | 960  | 1680 | 1545 | 1240 | 1418 | 1737 | 3117 | 2625 | 1760 | 2119 | 1917 |      |      |      |     |
|   | MOSCOW         |  |  |  |  |  |  |  |  |  |  | 950  | 1339 | 811  | 1617 | 2087 | 1513 | 1247 | 1967 | 1832 | 1209 | 1387 | 1706 | 3414 | 2904 | 1843 | 2117 | 1915 |      |      |     |
|   | ST. PETERSBURG |  |  |  |  |  |  |  |  |  |  | 406  | 1356 | 1733 | 635  | 1769 | 2239 | 1395 | 399  | 2119 | 1714 | 1091 | 1269 | 1588 | 3286 | 2874 | 1699 | 1976 | 1774 |      |     |
|   | STOCKHOLM      |  |  |  |  |  |  |  |  |  |  | 430  | 836  | 1510 | 2408 | 1082 | 1171 | 1721 | 1084 | 1110 | 1237 | 1176 | 685  | 580  | 993  | 2384 | 1972 | 1219 | 1491 | 1289 |     |
|   | COPENHAGEN     |  |  |  |  |  |  |  |  |  |  | 416  | 846  | 1252 | 1510 | 1510 | 668  | 1067 | 1318 | 671  | 697  | 1047 | 885  | 270  | 208  | 620  | 2012 | 1600 | 812  | 1181 | 979 |



## Metric System of Weights and Measures.

THE METRIC SYSTEM has been adopted by Mexico, Brazil, Chile, Peru, etc., and except Russia and Great Britain, where it is permissive, by all European nations. Various names of the preceding systems are, however, frequently used: In Germany,  $\frac{1}{2}$  kilogram = 1 pound; in Switzerland, 3-10 of a metre = 1 foot, etc. If the first letters of the prefixes *deka*, *hecto*, *kilo*, *myria*, from the Greek, and *deci*, *centi*, *mili*, from the Latin, are used in preference to our plain English, 10, 100, etc., it is best to employ capital letters for the multiples and small letters for the subdivisions, to avoid ambiguities in abbreviations: 1 dekametre or 10 metres = 1 Dm.; 1 decimetre or 1-10 of a metre = 1 dm.

The METRE, unit of length, is nearly the ten-millionth part of a quadrant of a meridian, of the distance between Equator and Pole. The International Standard Metre is, practically, nothing else but a length defined by the distance between two lines on a platinum-iridium bar at 0° Centigrade, deposited at the International Bureau of Weights and Measures, Paris, France.

The LITRE, unit of capacity, is derived from the weight of one kilogram pure water at greatest density, a cube whose edge is one-tenth of a metre and, therefore, the one-thousandth part of a metric ton.

The GRAM, unit of weight, is a cube of pure water at greatest density, whose edge is one-hundredth of a metre, and, therefore, the one-thousandth part of a kilogram, and the one-millionth part of a metric ton.

One silver dollar weighs 25 grams, 1 dime =  $2\frac{1}{2}$  grams, 1 five-cent nickel = 5 grams.

The Metric System was legalized in the United States on July 28, 1866, when Congress enacted as follows:

"The tables in the schedule hereto annexed shall be recognized in the construction of contracts, and in all legal proceedings, as establishing, in terms of the weights and measures now in use in the United States, the equivalents of the weights and measures expressed therein in terms of the metric system, and the tables may lawfully be used for computing, determining, and expressing in customary weights and measures the weights and measures of the metric system."

The following are the tables annexed to the above:

### MEASURES OF LENGTH.

| Metric Denominations and Values.   | Equivalents in Denominations in Use.   |
|------------------------------------|--|
| Myriametre..... 10,000 metres.     | 6 2137 miles.                          |
| Kilometre..... 1,000 metres.       | 0.62137 mile, or 3,280 feet 10 inches. |
| Hectometre..... 100 metres.        | 328 feet 1 inch.                       |
| Dekametre..... 10 metres.          | 393.7 inches.                          |
| Metre..... 1 metre.                | 39.37 inches.                          |
| Decimetre..... 1-10 of a metre.    | 3.937 inches.                          |
| Centimetre..... 1-100 of a metre.  | 0.3937 inch.                           |
| Millimetre..... 1-1000 of a metre. | 0.0394 inch.                           |

### MEASURES OF SURFACE.

| Metric Denominations and Values.   | Equivalents in Denominations in Use. |
|------------------------------------|--------------------------------------|
| Hectare..... 10,000 square metres. | 2.471 acres.                         |
| Are..... 100 square metres.        | 119.6 square yards.                  |
| Centare..... 1 square metre.       | 1,550 square inches.                 |

### MEASURES OF CAPACITY.

| METRIC DENOMINATIONS AND VALUES. |                   |                            | EQUIVALENTS IN DENOMINATIONS IN USE. |                         |
|----------------------------------|-------------------|----------------------------|--------------------------------------|-------------------------|
| Names.                           | Number of Litres. | Cubic Measure.             | Dry Measure.                         | Liquid or Wine Measure. |
| Kilolitre or stere.              | 1-000             | 1 cubic metre.....         | 1.308 cubic yards.....               | 264.17 gallons.         |
| Hectolitre.....                  | 100               | 1-10 of a cubic metre..... | 2 bush. and 3.35 pecks..             | 26.417 gallons.         |
| Dekalitre.....                   | 10                | 10 cubic decimetres.....   | 9.08 quarts.....                     | 2.6417 gallons.         |
| Litre.....                       | 1                 | 1 cubic decimetre.....     | 0.908 quart.....                     | 1.0567 quarts.          |
| Decilitre.....                   | 1-10              | 1-10 of a cubic decimetre. | 6.1022 cubic inches.....             | 0.845 gill.             |
| Centilitre.....                  | 1-100             | 10 cubic centimetres.....  | 0.6102 cubic inch.....               | 0.338 fluid ounce.      |
| Millilitre.....                  | 1-1000            | 1 cubic centimetre.....    | 0.061 cubic inch.....                | 0.27 fluid dram.        |

METRIC SYSTEM—Continued.

WEIGHTS.

| METRIC DENOMINATIONS AND VALUES. |                  |  | EQUIVALENTS IN DENOMINATIONS IN USE. |
|----------------------------------|------------------|--|--------------------------------------|
| Names.                           | Number of Grams. | Weight of What Quantity of Water at Maximum Density. | Avoirdupois Weight.                  |
| Miller or tonneau.....           | 1 000.000        | 1 cubic metre.....                                   | 2204.6 pounds.                       |
| Quintal.....                     | 100.000          | 1 hectolitre.....                                    | 220.46 pounds.                       |
| Myriagram.....                   | 10,000           | 10 litres.....                                       | 22.046 pounds.                       |
| Kilogram or kil.....             | 1,000            | 1 litre.....   | 2.2046 pounds.                       |
| Hectogram.....                   | 100              | 1 decilitre.....                                     | 3.5274 ounces.                       |
| Dekagram.....                    | 10               | 10 cubic centimetres.....                            | 0.3527 ounce.                        |
| Gram.....                        | 1                | 1 cubic centimetre.....                              | 15.432 grains.                       |
| Decigram.....                    | 1-10             | 1-10 of a cubic centimetre.....                      | 1.5432 grains.                       |
| Centigram.....                   | 1-100            | 10 cubic millimetres.....                            | 0.1543 grain.                        |
| Milligram.....                   | 1-1000           | 1 cubic millimetre.....                              | 0.0154 grain.                        |

TABLES FOR THE CONVERSION OF METRIC WEIGHTS AND MEASURES INTO CUSTOMARY UNITED STATES EQUIVALENTS AND THE REVERSE.

From the legal equivalents are deduced the following tables for converting United States weights and measures:

METRIC TO CUSTOMARY.

CUSTOMARY TO METRIC.

LINEAR MEASURE.

| <i>Metres=Ins.</i> | <i>Metres=Feet.</i> | <i>Metres=Yards.</i> | <i>Kilometres=Miles.</i> | <i>Ins.=Centimetres</i> | <i>Feet=Metres.</i> | <i>Yards = Metres.</i> | <i>Miles=Kilometres.</i> |
|--------------------|---------------------|----------------------|--------------------------|-------------------------|---------------------|------------------------|--------------------------|
| 1=39.37            | 1=3.28087           | 1=1.093623           | 1=0.62137                | 1=2.54                  | 1=0.304798          | 1=0.914398             | 1=1.60935                |
| 2=78.74            | 2=6.56174           | 2=2.187246           | 2=1.24274                | 2=5.08                  | 2=0.609596          | 2=1.828787             | 2=3.21869                |
| 3=118.11           | 3=9.84261           | 3=3.280869           | 3=1.86411                | 3=7.62                  | 3=0.914393          | 3=2.743179             | 3=4.82804                |
| 4=157.48           | 4=13.12348          | 4=4.374492           | 4=2.48548                | 4=10.16                 | 4=1.219191          | 4=3.657574             | 4=6.43739                |
| 5=196.85           | 5=16.40435          | 5=5.468115           | 5=3.10685                | 5=12.70                 | 5=1.523989          | 5=4.571966             | 5=8.04674                |
| 6=236.22           | 6=19.68522          | 6=6.561738           | 6=3.72822                | 6=15.24                 | 6=1.828787          | 6=5.486358             | 6=9.65608                |
| 7=275.59           | 7=22.96609          | 7=7.655361           | 7=4.34959                | 7=17.78                 | 7=2.133584          | 7=6.400753             | 7=11.26543               |
| 8=314.96           | 8=26.24696          | 8=8.748984           | 8=4.97096                | 8=20.32                 | 8=2.438382          | 8=7.315148             | 8=12.87478               |
| 9=354.33           | 9=29.52783          | 9=9.842607           | 9=5.59233                | 9=22.86                 | 9=2.743179          | 9=8.229537             | 9=14.48412               |

SQUARE MEASURE.

CUBIC MEASURE.

SQUARE MEASURE.

| <i>Square Centimetres</i> | <i>Square Inches.</i> | <i>Square Metres</i> | <i>Square Feet.</i> | <i>Square Metres</i> | <i>Square Yards.</i> | <i>Cubic Metres</i> | <i>Cubic Feet.</i> | <i>Cubic Feet</i> | <i>Cubic Metres.</i> | <i>Square Inches</i> | <i>Square Centimetres</i> | <i>Square Feet</i> | <i>Square Metres.</i> | <i>Square Yards</i> | <i>Square Metres.</i> |
|---------------------------|-----------------------|----------------------|---------------------|----------------------|----------------------|---------------------|--------------------|-------------------|----------------------|----------------------|---------------------------|--------------------|-----------------------|---------------------|-----------------------|
| 1=0.155                   | 1=1.10.764            | 1=1.196              | 1=1.196             | 1=35.315             | 1=0.02832            | 1=6.452             | 1=0.09290          | 1=0.836           | 1=1.10.764           | 1=1.196              | 1=1.196                   | 1=35.315           | 1=0.02832             | 1=6.452             | 1=0.836               |
| 2=0.310                   | 2=2.21.528            | 2=2.392              | 2=2.392             | 2=70.631             | 2=0.05663            | 2=12.903            | 2=0.18581          | 2=1.672           | 2=2.21.528           | 2=2.392              | 2=2.392                   | 2=70.631           | 2=0.05663             | 2=12.903            | 2=0.18581             |
| 3=0.465                   | 3=3.32.292            | 3=3.588              | 3=3.588             | 3=105.947            | 3=0.08495            | 3=19.354            | 3=0.27871          | 3=2.508           | 3=3.32.292           | 3=3.588              | 3=3.588                   | 3=105.947          | 3=0.08495             | 3=19.354            | 3=0.27871             |
| 4=0.620                   | 4=4.43.055            | 4=4.784              | 4=4.784             | 4=141.262            | 4=0.11326            | 4=25.806            | 4=0.37161          | 4=3.344           | 4=4.43.055           | 4=4.784              | 4=4.784                   | 4=141.262          | 4=0.11326             | 4=25.806            | 4=0.37161             |
| 5=0.775                   | 5=5.53.819            | 5=5.980              | 5=5.980             | 5=176.578            | 5=0.14158            | 5=32.257            | 5=0.46452          | 5=4.151           | 5=5.53.819           | 5=5.980              | 5=5.980                   | 5=176.578          | 5=0.14158             | 5=32.257            | 5=0.46452             |
| 6=0.930                   | 6=6.64.583            | 6=7.176              | 6=7.176             | 6=210.894            | 6=0.16990            | 6=38.709            | 6=0.55742          | 6=5.017           | 6=6.64.583           | 6=7.176              | 6=7.176                   | 6=210.894          | 6=0.16990             | 6=38.709            | 6=0.55742             |
| 7=1.085                   | 7=7.75.347            | 7=8.372              | 7=8.372             | 7=247.209            | 7=0.19821            | 7=45.160            | 7=0.65032          | 7=5.853           | 7=7.75.347           | 7=8.372              | 7=8.372                   | 7=247.209          | 7=0.19821             | 7=45.160            | 7=0.65032             |
| 8=1.240                   | 8=8.86.111            | 8=9.568              | 8=9.568             | 8=282.525            | 8=0.22653            | 8=51.612            | 8=0.74323          | 8=6.689           | 8=8.86.111           | 8=9.568              | 8=9.568                   | 8=282.525          | 8=0.22653             | 8=51.612            | 8=0.74323             |
| 9=1.395                   | 9=9.96.874            | 9=10.764             | 9=10.764            | 9=317.840            | 9=0.25484            | 9=58.063            | 9=0.83613          | 9=7.525           | 9=9.96.874           | 9=10.764             | 9=10.764                  | 9=317.840          | 9=0.25484             | 9=58.063            | 9=0.83613             |

LIQUID MEASURE.

DRY MEASURE.

LIQUID MEASURE.

| <i>Centilitres</i> | <i>Fluid Ounces.</i> | <i>Litres</i> | <i>Quarts.</i> | <i>Litres</i> | <i>Gallons.</i> | <i>Hectolitres</i> | <i>Bushels.</i> | <i>Bushels</i> | <i>Hectolitres</i> | <i>Fluid Ounces</i> | <i>Centilitres</i> | <i>Quarts</i> | <i>Litres.</i> | <i>Gallons</i> | <i>Litres.</i> |
|--------------------|----------------------|---------------|----------------|---------------|-----------------|--------------------|-----------------|----------------|--------------------|---------------------|--------------------|---------------|----------------|----------------|----------------|
| 1=0.338            | 1=1.0567             | 1=0.26417     | 1=0.26417      | 1=2.8375      | 1=0.35242       | 1=2.8375           | 1=0.35242       | 1=2.8375       | 1=2.8375           | 1=0.94636           | 1=0.94636          | 1=0.94636     | 1=3.78544      | 1=3.78544      | 1=3.78544      |
| 2=0.676            | 2=2.1134             | 2=0.52834     | 2=0.52834      | 2=5.6750      | 2=0.70485       | 2=5.6750           | 2=0.70485       | 2=5.6750       | 2=5.6750           | 1.89272             | 1.89272            | 1.89272       | 7.57088        | 7.57088        | 7.57088        |
| 3=1.014            | 3=3.1700             | 3=0.79251     | 3=0.79251      | 3=8.5125      | 3=1.05727       | 3=8.5125           | 3=1.05727       | 3=8.5125       | 3=8.5125           | 2.83908             | 2.83908            | 2.83908       | 11.35632       | 11.35632       | 11.35632       |
| 4=1.352            | 4=4.2267             | 4=1.05668     | 4=1.05668      | 4=11.3500     | 4=1.40969       | 4=11.3500          | 4=1.40969       | 4=11.3500      | 4=11.3500          | 3.78544             | 3.78544            | 3.78544       | 15.14176       | 15.14176       | 15.14176       |
| 5=1.691            | 5=5.2834             | 5=1.32085     | 5=1.32085      | 5=14.1875     | 5=1.76211       | 5=14.1875          | 5=1.76211       | 5=14.1875      | 5=14.1875          | 4.73180             | 4.73180            | 4.73180       | 18.92720       | 18.92720       | 18.92720       |
| 6=2.029            | 6=6.3401             | 6=1.58502     | 6=1.58502      | 6=17.0250     | 6=2.11454       | 6=17.0250          | 6=2.11454       | 6=17.0250      | 6=17.0250          | 5.67816             | 5.67816            | 5.67816       | 22.71264       | 22.71264       | 22.71264       |
| 7=2.368            | 7=7.3968             | 7=1.84919     | 7=1.84919      | 7=19.8625     | 7=2.46696       | 7=19.8625          | 7=2.46696       | 7=19.8625      | 7=19.8625          | 6.62452             | 6.62452            | 6.62452       | 26.49808       | 26.49808       | 26.49808       |
| 8=2.706            | 8=8.4534             | 8=2.11336     | 8=2.11336      | 8=22.7000     | 8=2.81938       | 8=22.7000          | 8=2.81938       | 8=22.7000      | 8=22.7000          | 7.57088             | 7.57088            | 7.57088       | 30.28352       | 30.28352       | 30.28352       |
| 9=3.043            | 9=9.5101             | 9=2.37753     | 9=2.37753      | 9=25.5375     | 9=3.17181       | 9=25.5375          | 9=3.17181       | 9=25.5375      | 9=25.5375          | 8.51724             | 8.51724            | 8.51724       | 34.06896       | 34.06896       | 34.06896       |

METRIC SYSTEM—Continued.

WEIGHT (A VOIRDUPOIS).

| Centi-grams = Grains. | Kilo-grams = Ounces Av'd' ps. | Kilo-grams = Pounds Av'd' ps. | Metric Tons = Long Tons. | Grains = Centi-grams. | Ounces Av'd' ps = Grams. | Pounds Av'd' ps = Kilo-grams. | Long Tons = Metric Tons. |
|-----------------------|-------------------------------|-------------------------------|--------------------------|-----------------------|--------------------------|-------------------------------|--------------------------|
| 1 = 0.1543            | 1 = 35.274                    | 1 = 2.20462                   | 1 = 0.9842               | 1 = 6.4799            | 1 = 28.3495              | 1 = 0.45359                   | 1 = 1.0161               |
| 2 = 0.3086            | 2 = 70.548                    | 2 = 4.40924                   | 2 = 1.9684               | 2 = 12.9598           | 2 = 56.6991              | 2 = 0.90719                   | 2 = 2.0321               |
| 3 = 0.4630            | 3 = 105.822                   | 3 = 6.61386                   | 3 = 2.9526               | 3 = 19.4397           | 3 = 85.0486              | 3 = 1.36078                   | 3 = 3.0482               |
| 4 = 0.6173            | 4 = 141.096                   | 4 = 8.81848                   | 4 = 3.9368               | 4 = 25.9196           | 4 = 113.3981             | 4 = 1.81437                   | 4 = 4.0642               |
| 5 = 0.7716            | 5 = 176.370                   | 5 = 11.02311                  | 5 = 4.9210               | 5 = 32.3995           | 5 = 141.7476             | 5 = 2.26796                   | 5 = 5.0803               |
| 6 = 0.9259            | 6 = 211.644                   | 6 = 13.22773                  | 6 = 5.9052               | 6 = 38.8793           | 6 = 170.0972             | 6 = 2.72166                   | 6 = 6.0963               |
| 7 = 1.0803            | 7 = 246.918                   | 7 = 15.43235                  | 7 = 6.8894               | 7 = 45.3592           | 7 = 198.4467             | 7 = 3.17515                   | 7 = 7.1124               |
| 8 = 1.2346            | 8 = 282.192                   | 8 = 17.63697                  | 8 = 7.8736               | 8 = 51.8391           | 8 = 226.7962             | 8 = 3.62874                   | 8 = 8.1284               |
| 9 = 1.3889            | 9 = 317.466                   | 9 = 19.84159                  | 9 = 8.8578               | 9 = 58.3190           | 9 = 255.1457             | 9 = 4.08233                   | 9 = 9.1445               |

THE METRIC SYSTEM SIMPLIFIED.

The following tables of the metric system of weights and measures have been simplified as much as possible for THE WORLD ALMANAC by omitting such denominations as are not in practical, everyday use in the countries where the system is used exclusively.

TABLES OF THE SYSTEM.

**Length.**—The denominations in practical use are millimetres (mm.), centimetres (cm.), metres (m.), and kilometres (km.).

10 mm. = 1 cm.; 100 cm. = 1 m.; 1,000 m. = 1 km. NOTE.—A decimetre is 10 cm.

**Weight.**—The denominations in use are grams (g.), kilos\* (kg.), and tons (metric tons).

1,000 g. = 1 kg. 1,000 kg. = 1 metric ton.

**Capacity.**—The denominations in use are cubic centimetres (c. c.) and litres (l.).

1,000 c. c. = 1 l. NOTE.—A hectolitre is 100 l. (seldom used).

Relation of capacity and weight to length: A cubic decimetre is a litre, and a litre of water weighs a kilo.

APPROXIMATE EQUIVALENTS.

A metre is about a yard; a kilo is about 2 pounds a litre is about a quart; a centimetre is about 1/8 inch; a metri ton is about same as a ton; a kilometre is about 1/2 mile; a cubic centimetre is about a thimbleful; a nickel weighs about 5 grams.

PRECISE EQUIVALENTS.

|                         |                           |                               |                             |       |
|-------------------------|---------------------------|-------------------------------|-----------------------------|-------|
| 1 acre.....             | = .40 hectar.....         | .4047 1 mile.....             | = 1.6 kilometres.....       | 1,609 |
| 1 bushel.....           | = 35 litres.....          | 35.24 1 millimetre.....       | = .039 inch.....            | .0394 |
| 1 centimetre.....       | = .39 inch.....           | .3937 1 ounce (av'd).....     | = 28 grams.....             | 28.35 |
| 1 cubic centimetre..... | = .061 cubic inch.....    | .0610 1 ounce (Troy).....     | = 31 grams.....             | 31.10 |
| 1 cubic foot.....       | = .028 cubic metre.....   | .0283 1 peck.....             | = 8.8 litres.....           | 8.809 |
| 1 cubic inch.....       | = 16 cubic cent. † 16.39  | 1 pint.....                   | = .47 litre.....            | .4732 |
| 1 cubic metre.....      | = 35 cubic feet.....      | 35.31 1 pound.....            | = .45 kilo.....             | .4536 |
| 1 cubic yard.....       | = 1.3 cubic yards.....    | 1.308 1 quart (dry).....      | = 1.1 litres.....           | 1.101 |
| 1 foot.....             | = .76 cubic metre.....    | .7645 1 quart (liquid).....   | = .95 litre.....            | .9464 |
| 1 gallon.....           | = 30 centimetres 30.48    | 30.48 1 sq. centimetre.....   | = .15 sq. inch.....         | .1550 |
| 1 grain.....            | = 3.8 litres.....         | 3.785 1 sq. foot.....         | = .093 sq. metre.....       | .0929 |
| 1 gram.....             | = .065 grains.....        | .0648 1 sq. inch.....         | = 6.5 sq. c'timetr's.....   | 6.452 |
| 1 hectar.....           | = 15 acres.....           | 15.43 1 sq. metre.....        | = 1.2 sq. yards.....        | 1.196 |
| 1 hectar.....           | = 2.5 acres.....          | 2.471 1 sq. metre.....        | = 11 sq. feet.....          | 10.76 |
| 1 inch.....             | = 25 millimetres.....     | 25.40 1 sq. yard.....         | = .84 sq. metre.....        | .8361 |
| 1 kilo.....             | = 2.2 pounds.....         | 2.205 1 ton (2,000 lbs.)..... | = .91 metric ton.....       | .9072 |
| 1 kilometre.....        | = .62 mile.....           | .6214 1 ton (2,400 lbs.)..... | = 1 metric ton.....         | 1.017 |
| 1 litre.....            | = .91 quart (dry).....    | .9081 1 ton (metric).....     | = 1.1 ton (2,000 lbs.)..... | 1.102 |
| 1 litre.....            | = 1.1 quarts (liq'd)..... | 1.057 1 ton (metric).....     | = .98 ton (2,240 lbs.)..... | .9842 |
| 1 metre.....            | = 3.3 feet.....           | 3.281 1 yard.....             | = .91 metre.....            | .9144 |

\* Contraction for kilogram. † Centimetres.

Minimum Weights of Produce.

The following are minimum weights of certain articles of produce according to the laws of the United States:

| Per Bushel.           | Per Bushel. | Per Bushel.         |         |                           |         |
|-----------------------|-------------|---------------------|---------|---------------------------|---------|
| Wheat.....            | 60 lbs.     | White Potatoes..... | 60 lbs. | Hungarian Grass Seed..... | 50 lbs. |
| Corn, in the ear..... | 70 "        | Sweet Potatoes..... | 55 "    | Timothy Seed.....         | 45 "    |
| Corn, shelled.....    | 56 "        | Onions.....         | 57 "    | Blue Grass Seed.....      | 44 "    |
| Rye.....              | 56 "        | Turnips.....        | 55 "    | Hemp Seed.....            | 44 "    |
| Buckwheat.....        | 48 "        | Dried Peaches.....  | 33 "    | Salt (see note below).    |         |
| Barley.....           | 48 "        | Dried Apples.....   | 26 "    | Corn Meal.....            | 48 "    |
| Oats.....             | 32 "        | Clover Seed.....    | 60 "    | Ground Peas.....          | 24 "    |
| Peas.....             | 60 "        | Flax Seed.....      | 56 "    | Malt.....                 | 38 "    |
| White Beans.....      | 60 "        | Millet Seed.....    | 50 "    | Bran.....                 | 20 "    |
| Castor Beans.....     | 46 "        |                     |         |                           |         |

**SALT.**—Weight per bushel, as adopted by different States range from 50 to 80 pounds. Coarse salt in Pennsylvania is reckoned at 8 pounds, and in Illinois at 50 pounds per bushel. Fine salt in Pennsylvania is reckoned at 6 1/2 pounds, in Kentucky and Illinois at 55 pounds per bushel.

### Measures and Weights of Great Britain.

THE measures of length and the weights are nearly, practically, the same as those in use in the United States. The English ton is 2,240 lbs. avoirdupois, the same as the long ton, or shipping ton of the United States. The English hundredweight is 112 lbs. avoirdupois, the same as the long hundredweight of the United States. The metre has been legalized at 39.37079 inches, but the length of 39.370432 inches, as adopted by France, Germany, Belgium, and Russia, is frequently used. The Imperial gallon, the basis of the system of capacity, involves an error of about 1 part in 1,836: 10 lbs. of water = 277.123 cubic inches.

#### MEASURES OF CAPACITY.

| NAMES.                     | Pounds of Water. | Cubic Inches. | Litres.   | United States Equivalents. |
|----------------------------|------------------|---------------|-----------|----------------------------|
| 4 gills = 1 pint .....     | 1.35             | 34.66         | 0.56793   | 1.20032 liquid pints.      |
| 2 pints = 1 quart .....    | 2.5              | 69.32         | 1.13586   | 1.20032 " quarts.          |
| 2 quarts = 1 pottle .....  | 5                | 138.64        | 2.27173   | 2.40064 " "                |
| 2 pottles = 1 gallon ..... | 10               | 277.27        | 4.54346   | 1.20032 " gallons.         |
| 2 gallons = 1 peck .....   | 20               | 554.55        | 9.08692   | 1.03152 dry pecks.         |
| 4 pecks = 1 bushel .....   | 80               | 2218.19       | 36.34766  | 1.03152 " bushels.         |
| 4 bushels = 1 coomb .....  | 320              | 8872.77       | 145.39062 | 4.12606 " "                |
| 2 coombs = 1 quarter ..... | 640              | 17745.54      | 290.7813  | 8.2521 " "                 |

### Domestic Weights and Measures.

**Apothecaries' Weight:** 20 grains = 1 scruple; 3 scruples = 1 dram; 8 drams = 1 ounce; 12 ounces = 1 pound.

**Avoirdupois Weight (short ton):** 27 11-32 grains = 1 dram; 16 drams = 1 ounce; 16 ounces = 1 pound; 25 pounds = 1 quarter; 4 quarters = 1 cwt.; 20 cwt. = 1 ton.

**Avoirdupois Weight (long ton):** 27 11-32 grains = 1 dram; 16 drams = 1 ounce; 16 ounces = 1 pound; 112 pounds = 1 cwt.; 20 cwt. = 1 ton.

**Troy Weight:** 24 grains = 1 pennyweight; 20 pennyweights = 1 ounce; 12 ounces = 1 pound. **Circular Measure:** 60 seconds = 1 minute; 60 minutes = 1 degree; 30 degrees = 1 sign; 12 signs = 1 circle.

**Cubic Measure:** 1,728 cubic inches = 1 cubic foot; 27 cubic feet = 1 cubic yard. **Dry Measure:** 2 pints = 1 quart; 8 quarts = 1 peck; 4 pecks = 1 bushel.

**Liquid Measure:** 4 gills = 1 pint; 2 pints = 1 quart; 4 quarts = 1 gallon; 3 1/2 gallons = 1 barrel; 2 barrels = 1 hoghead.

**Long Measure:** 12 inches = 1 foot; 3 feet = 1 yard; 5 1/2 yards = 1 rod or pole; 40 rods = 1 furlong; 8 furlongs = 1 statute mile; 3 miles = 1 league.

**Mariner's Measure:** 6 feet = 1 fathom; 1.0 fathoms = 1 cable length; 7 1/4 cable lengths = 1 mile; 5,280 feet = 1 statute mile; 6,085 feet = 1 nautical mile.

**Square Measure:** 144 square inches = 1 square foot; 9 square feet = 1 square yard; 30 3/4 square yards = 1 square rod or perch; 40 square rods = 1 rood; 4 roods = 1 acre; 640 acres = 1 square mile; 36 square miles (6 miles square) = 1 township.

**Time Measure:** 60 seconds = 1 minute; 60 minutes = 1 hour; 24 hours = 1 day; 7 days = 1 week; 365 days = 1 year; 366 days = 1 leap year.

#### FOREIGN MONIES.

**English Money:** 4 farthings = penny (d); 12 pence = 1 shilling (s); 20 shillings = 1 pound (£).

**French Money:** 10 centimes = 1 decime; 10 decimes = 1 franc.

**German Money:** 100 pfennig = 1 mark.

**Russian Money:** 100 copecks = 1 rouble.

**Austro-Hungarian Money:** 100 Kreuzer = 1 florin.

For United States equivalents, see tables of "Value of Foreign Coins in U. S. Money."

NOTE.—France, Belgium, Greece, Italy, and Switzerland constitute what is known as the "Latin" Union, and their coins are alike in weight and fineness, occasionally differing, however, in name. The same system has been in part adopted by Spain, Servia, Bulgaria, Russia, and Roumania, but they have not joined the Union. Francs and centimes of France, Belgium, and Switzerland are respectively designated lire and centesimi in Italy; drachmai and lepta in Greece; dinars and paras in Servia; peseta and centimos in Spain; leys and banis in Roumania; leya and stotinks in Bulgaria. Similarly the Scandinavian countries, Norway and Sweden and Denmark, employ coins of the same weight and fineness, their names being also alike. Most of the South American States possess a standard coin, equal in weight and fineness to the silver 5-franc piece generally termed a "peso." —Whitaker.

### Roman and Arabic Numerals.

|      |    |       |    |             |     |      |      |
|------|----|-------|----|-------------|-----|------|------|
| I    | 1  | XI    | 11 | XXX         | 30  | CCCC | 400  |
| II   | 2  | XII   | 12 | XL          | 40  | D    | 500  |
| III  | 3  | XIII  | 13 | L           | 50  | DC   | 600  |
| IV   | 4  | XIV   | 14 | LX          | 60  | DCC  | 700  |
| V    | 5  | XV    | 15 | LXX         | 70  | DCCC | 800  |
| VI   | 6  | XVI   | 16 | LXXX or XXC | 80  | CM   | 900  |
| VII  | 7  | XVII  | 17 | XC          | 90  | M    | 1000 |
| VIII | 8  | XVIII | 18 | C           | 100 | MM   | 2000 |
| IX   | 9  | XIX   | 19 | CC          | 200 | MCM  | 1900 |
| X    | 10 | XX    | 20 | CCC         | 300 |      |      |

### Compound Interest Table.

COMPOUND INTEREST ON ONE DOLLAR FOR 100 YEARS (REVISED).

| AMOUNT | Years. | Per cent. | Accumulation. | AMOUNT | Years. | Per cent. | Accumulation. | AMOUNT | Years. | Per cent. | Accumulation. |
|--------|--------|-----------|---------------|--------|--------|-----------|---------------|--------|--------|-----------|---------------|
| \$1    | 100    | 1         | \$2,70,5      | \$1    | 100    | 4 1/2     | \$81,58,9     | \$1    | 100    | 10        | \$13,780,63   |
| 1      | 100    | 2         | 7,24,5        | 1      | 100    | 5         | 131,50,1      | 1      | 100    | 11        | 34,064,34,6   |
| 1      | 100    | 2 1/2     | 11,81,4       | 1      | 100    | 6         | 339,30,5      | 1      | 100    | 12        | 83,521,82,7   |
| 1      | 100    | 3         | 19,21,8       | 1      | 100    | 7         | 8,7,72,1      | 1      | 100    | 15        | 1,174,302,40  |
| 1      | 100    | 3 1/2     | 31,19,1       | 1      | 100    | 8         | 2,199,78,4    | 1      | 100    | 18        | 15,424,106,40 |
| 1      | 100    | 4         | 50,50,4       | 1      | 100    | 9         | 5,529,04,4    | 1      | 100    | 24        | 2,198,720,200 |

| STATES AND TERRITORIES. | INTEREST LAWS. |                           | STATUTES OF LIMITATIONS. |               |                       | STATES AND TERRITORIES. | INTEREST LAWS. |                           | STATUTES OF LIMITATIONS. |               |                       |
|-------------------------|----------------|---------------------------|--------------------------|---------------|-----------------------|-------------------------|----------------|---------------------------|--------------------------|---------------|-----------------------|
|                         | Legal Rate.    | Rate Allowed by Contract. | Judgments, Years.        | Notes, Years. | Open Accounts, Years. |                         | Legal Rate.    | Rate Allowed by Contract. | Judgments, Years.        | Notes, Years. | Open Accounts, Years. |
|                         |                |                           |                          |               |                       |                         |                |                           |                          |               |                       |
| Alabama.....            | 8              | 8                         | 20                       | 6*            | 3                     | Nebraska.....           | 7              | 10                        | 5†                       | 5             | 4                     |
| Arkansas.....           | 6              | 10                        | 10                       | 5             | 3                     | Nevada.....             | 7              | Any rate.                 | 6                        | 6             | 4                     |
| Arizona.....            | 7              | Any rate.                 | 5                        | 5             | 3                     | N. Hampshire            | 6              | 6                         | 20                       | 6             | 6                     |
| California.....         | 7              | Any rate.                 | 5                        | 4†            | 2                     | New Jersey...           | 6              | 6                         | 20                       | 6             | 6                     |
| Colorado.....           | 8              | Any rate.                 | 6                        | 6             | 6                     | New Mexico...           | 6              | 12                        | 7                        | 6             | 4                     |
| Connecticut...          | 6              | (j)                       | †                        | (e)           | 6                     | New York.....           | 6              | 6††                       | 20(i)                    | 6             | 6                     |
| Delaware.....           | 6              | 6                         | (c)                      | 6‡            | 3                     | North Carolina          | 6              | 6                         | 10                       | 3*            | 3                     |
| D. of Columbia          | 6              | 10                        | 12                       | 3             | 3                     | North Dakota.           | 7              | 12                        | 10                       | 6             | 6                     |
| Florida.....            | 8              | 10                        | 20                       | 5             | 4                     | Ohio.....               | 6              | 8                         | 5†                       | 15            | 6                     |
| Georgia.....            | 7              | 8                         | 7                        | 6             | 4                     | Oklahoma.....           | 7              | 12                        | 5(h)                     | 5             | 3                     |
| Idaho.....              | 8              | 12                        | 6                        | 5             | 4                     | Oregon.....             | 6              | 10                        | 10                       | 6             | 6                     |
| Illinois.....           | 5              | 7                         | 7‡                       | 10            | 5                     | Pennsylvania.           | 6              | 6                         | 5(f)                     | 6‡            | 6                     |
| Indiana.....            | 6              | 8                         | 20                       | 10            | 6                     | Rhode Island.           | 6‡             | Any rate.                 | 20                       | 6             | 6                     |
| Iowa.....               | 6              | 8                         | 20(d)                    | 10            | 5                     | South Carolina          | 7              | 8                         | 10                       | 6             | 6                     |
| Kansas.....             | 6              | 10                        | 5                        | 5             | 3                     | South Dakota.           | 7              | 12                        | 10(i)                    | 6             | 6                     |
| Kentucky.....           | 6              | 6                         | 15                       | 15            | 5(e)                  | Tennessee.....          | 6              | Any rate.                 | 10                       | 6             | 6                     |
| Louisiana.....          | 5              | 8                         | 10                       | 5             | 3                     | Texas.....              | 6              | 10                        | 10††                     | 4             | 2                     |
| Maine.....              | 6              | Any rate.                 | 20                       | 6‡            | 6‡‡                   | Utah.....               | 8              | Any rate.                 | 8                        | 6             | 4                     |
| Maryland.....           | 6              | 6                         | 12                       | 3             | 3                     | Vermont.....            | 6              | 6                         | 8                        | 6             | 6‡‡                   |
| Massachusetts.          | 6              | Any rate.                 | 20                       | 6             | 6                     | Virginia.....           | 6              | 6                         | 10                       | 5*            | 2‡‡                   |
| Michigan.....           | 5              | 7                         | 6*                       | 6             | 6‡‡                   | Washington...           | 7              | 12                        | 6                        | 6             | 3                     |
| Minnesota.....          | 6              | 10                        | 10                       | 6             | 6                     | West Virginia.          | 6              | 6                         | 10                       | 10            | 5                     |
| Mississippi.....        | 6              | 10                        | 7                        | 6             | 3                     | Wisconsin.....          | 6              | 10                        | 20(d)                    | 6             | 6                     |
| Missouri.....           | 6              | 8                         | 10                       | 10            | 5                     | Wyoming.....            | 8              | 12                        | 5(k)                     | 5             | 8                     |
| Montana.....            | 8              | Any rate.                 | 10(b)                    | 8             | 3                     |                         |                |                           |                          |               |                       |

\* Under seal, 10 years. † If made in State; if outside, 2 years. ‡ No law and no decision regarding judgments. § Unless a different rate is expressly stipulated. ¶ Under seal, 20 years. †† Store accounts; other accounts 3 years. ††† New York has by a recent law legalized any rate of interest on call loans of \$5,000 or upward, on collateral security. †††† Becomes dormant, but may be revived. §§ Six years from last item. (a) Accounts between merchants 2 years. (b) In courts not of record, 5 years. (c) Ten years in New Castle County, twenty years in Kent and Sussex counties, Del. (d) Twenty years in Courts of Record; in Justice's Court 10 years. (e) Negotiable notes 6 years, non-negotiable 17 years. (f) Ceases to be a lien after that period. (g) If obtained before Justice of Peace, 6 years. (h) On foreign judgments 1 year. (i) Is a lien on real estate for only 10 years. (j) Any rate, but only 6 per cent can be collected at law. (k) And indefinitely by having execution issue every 5 years. (l) Ten years foreign, 20 years domestic.

### YEARS IN WHICH A GIVEN AMOUNT WILL DOUBLE AT SEVERAL RATES OF INTEREST.

| RATE. | AT COMPOUND INTEREST. |                    |                           |                       | RATE. | AT COMPOUND INTEREST. |                    |                           |                       |
|-------|-----------------------|--------------------|---------------------------|-----------------------|-------|-----------------------|--------------------|---------------------------|-----------------------|
|       | At Simple Interest.   | Compounded Yearly. | Compounded Semi-Annually. | Compounded Quarterly. |       | At Simple Interest.   | Compounded Yearly. | Compounded Semi-Annually. | Compounded Quarterly. |
| 1     | 100 years.            | 69.660             | 69.487                    | 69.237                | 6     | 16.67                 | 11.896             | 11.725                    | 11.639                |
| 1½    | 66.66                 | 46.556             | 46.382                    | 46.297                | 6½    | 15.38                 | 11.007             | 10.836                    | 10.750                |
| 2     | 50.00                 | 35.003             | 34.830                    | 34.743                | 7     | 14.29                 | 10.245             | 10.074                    | 9.966                 |
| 2½    | 40.00                 | 28.071             | 27.899                    | 27.748                | 7½    | 13.33                 | 9.584              | 9.414                     | 9.328                 |
| 3     | 33.33                 | 23.450             | 23.278                    | 23.191                | 8     | 12.50                 | 9.006              | 8.837                     | 8.751                 |
| 3½    | 28.57                 | 20.149             | 19.977                    | 19.890                | 8½    | 11.76                 | 8.497              | 8.327                     | 8.241                 |
| 4     | 25.00                 | 17.673             | 17.501                    | 17.415                | 9     | 11.11                 | 8.043              | 7.874                     | 7.788                 |
| 4½    | 22.22                 | 15.747             | 15.576                    | 15.490                | 9½    | 10.52                 | 7.638              | 7.468                     | 7.383                 |
| 5     | 20.00                 | 14.207             | 14.035                    | 13.949                | 10    | 10.00                 | 7.273              | 7.103                     | 7.018                 |
| 5½    | 18.18                 | 12.942             | 12.775                    | 12.689                | 12    | 8.34                  | 6.116              | 5.948                     | 5.862                 |

### SIMPLE INTEREST TABLE.

(Showing at Different Rates the Interest on \$1 from 1 Month to 1 year, and on \$100 from 1 Day to 1 Year.)

| TIME.                        | 4 PER CENT. |        |        | 5 PER CENT. |        |        | 6 PER CENT. |        |        | 7 PER CENT. |        |        | 8 PER CENT. |        |        |
|------------------------------|-------------|--------|--------|-------------|--------|--------|-------------|--------|--------|-------------|--------|--------|-------------|--------|--------|
|                              | Dollars.    | Cents. | Mills. | Dollars.    | Cents. | Mills. | Dollars.    | Cents. | Mills. | Dollars.    | Cents. | Mills. | Dollars.    | Cents. | Mills. |
|                              |             |        |        |             |        |        |             |        |        |             |        |        |             |        |        |
| One Dollar 1 month.....      | ..          | ..     | ..     | ..          | ..     | ..     | ..          | ..     | ..     | ..          | ..     | ..     | ..          | ..     | ..     |
| " " 2 "                      | ..          | ..     | ..     | ..          | ..     | ..     | ..          | ..     | ..     | ..          | ..     | ..     | ..          | ..     | ..     |
| " " 3 "                      | ..          | 1.     | ..     | ..          | 1.     | ..     | ..          | 1.     | ..     | ..          | 1.     | ..     | ..          | 1.     | ..     |
| " " 6 "                      | ..          | 2.     | ..     | ..          | 2.     | ..     | ..          | 2.     | ..     | ..          | 2.     | ..     | ..          | 2.     | ..     |
| " " 12 "                     | ..          | 4.     | ..     | ..          | 4.     | ..     | ..          | 4.     | ..     | ..          | 4.     | ..     | ..          | 4.     | ..     |
| One Hundred Dollars 1 day .. | ..          | ..     | ..     | ..          | ..     | ..     | ..          | ..     | ..     | ..          | ..     | ..     | ..          | ..     | ..     |
| " " 2 "                      | ..          | ..     | ..     | ..          | ..     | ..     | ..          | ..     | ..     | ..          | ..     | ..     | ..          | ..     | ..     |
| " " 3 "                      | ..          | ..     | ..     | ..          | ..     | ..     | ..          | ..     | ..     | ..          | ..     | ..     | ..          | ..     | ..     |
| " " 4 "                      | ..          | ..     | ..     | ..          | ..     | ..     | ..          | ..     | ..     | ..          | ..     | ..     | ..          | ..     | ..     |
| " " 5 "                      | ..          | ..     | ..     | ..          | ..     | ..     | ..          | ..     | ..     | ..          | ..     | ..     | ..          | ..     | ..     |
| " " 6 "                      | ..          | ..     | ..     | ..          | ..     | ..     | ..          | ..     | ..     | ..          | ..     | ..     | ..          | ..     | ..     |
| " " 1 month                  | ..          | 33     | ..     | ..          | 41     | ..     | ..          | 50     | ..     | ..          | 58     | ..     | ..          | 66     | ..     |
| " " 2 "                      | ..          | 66     | ..     | ..          | 83     | ..     | ..          | 100    | ..     | ..          | 116    | ..     | ..          | 133    | ..     |
| " " 3 "                      | ..          | 1      | ..     | ..          | 125    | ..     | ..          | 150    | ..     | ..          | 175    | ..     | ..          | 200    | ..     |
| " " 6 "                      | ..          | 2      | ..     | ..          | 250    | ..     | ..          | 300    | ..     | ..          | 350    | ..     | ..          | 400    | ..     |
| " " 12 "                     | ..          | 4      | ..     | ..          | 500    | ..     | ..          | 600    | ..     | ..          | 700    | ..     | ..          | 800    | ..     |

## The Famous Old People of 1900.

- Age* (Age at the last birthday is given. The list was made up for January 1, 1900.)
97. Ex-Senator Bradbury, of Maine.
  96. Thomas Sidney Cooper, R. A.; Rev. Dr. Thomas L. Sawyer, oldest minister of Universalist Church.
  95. Hon. David Wark, "Father of the Canadian Senate."
  94. James Martineau, philosopher; Benjamin D. Silliman, oldest living graduate of Yale.
  92. Ernest W. G. B. Legouve, oldest French Academician.
  90. Cassius M. Clay, Admiral Keppel, R. N.; ex-Secretary of the Navy Thompson.
  89. Pope Leo XIII., Lord Armstrong.
  87. Samuel Smiles, biographer; Bishop Clark, of Rhode Island; Charles L. Tiffany, jeweller; ex-Senator John H. Reagan, of Texas.
  85. Verdi, the composer; Baroness Burdett-Coutts.
  84. Elizabeth Cady Stanton, Adolf Menzel, German painter.
  83. Ex-Senator Dawes, Rev. Newman Hall, Daniel Huntington, painter; Philip James Bailey, poet; Parke Godwin, Russell Sage, Bishop Wilmer, Josiah Crosby, of Maine.
  82. Professor Mommmsen, historian; King Christian of Denmark, Sir Joseph Hooker, botanist; ex-Senator John M. Palmer, Erastus Dow Palmer, sculptor, of Albany, N. Y.; George F. Waits, R. A.
  81. Ex-Senator Evarts, Prince de Joinville, ex-Senator Hampton. Professor Bain, ex-Secretary Boutwell.
  80. Queen Victoria, ex-Prime Minister Crispi, General Longstreet, John Ruskin, Lord Playfair, Duke of Cambridge, Julia Ward Howe, Bishop Huntington, Dr. Thomas Dunn English.
  79. Herbert Spencer, John Tenniel, cartoonist; Florence Nightingale, Mrs. G. H. Gilbert, actress; Princess Mathilde Bonaparte, Susan B. Anthony.
  78. Professor Virchow, Duc de Broglie, Sir William H. Russell, journalist; Rev. Dr. Storrs, Sir Charles Tupper, Ristori, tragic actress; Sims Reeves, singer; Prince Hohenlohe-Schillingfuerst.
  77. Bishop Whipple, Got, French comedian; Edward Everett Hale, Professor Alfred R. Wallace, Abram S. Hewitt, Rev. Henry M. Field, Donald G. Mitchell, Rev. Dr. Theodore L. Cuyler.
  76. Duke of Argyll, Thomas Wentworth Higginson, Max Muller, ex-Secretary Sherman, Professor Goldwin Smith, ex-Speaker Grow, Li Hung Chang, Rev. Dr. Robert Collyer, Miss Yonge, novelist.
  75. Professor Huggins, astronomer; Eastman Johnson, painter; ex-Vice-President Levi P. Morton, George Macdonald, novelist.
  74. Sir William Aitken, pathologist; Richard H. Stoddard, poet; Professor March, philologist.
  73. Karl Blind, Marquis of Dufferin, ex-Empress Eugenie, Senator Hoar.
  72. Sir William Harcourt, statesman; Pere Hyacinthe, Professor St. George Mivart, Sagasta, Spanish statesman; J. H. Stoddard, comedian Marquis of Ripon.
  71. Sir Henry James, lawyer; De Freycinet, French statesman; ex-Senator Edmunds, General Gourko, Russian commander; Ibsen, dramatist; ex-President Dwight, of Yale; Jules Verne, Count Tolstoi, Justice Gray, of the Supreme Court; King Albert of Saxony, Berthelot, French statesman; ex-Mayor Strong, of New York; Lord Pauncefote, Clara Barton.
  70. General Booth, Salvation Army leader; Joseph Jefferson, Carl Schurz, Senator Allison, Senator Cullom, King Oscar of Sweden and Norway, Viscount Peel, Murat Halstead
  69. President Diaz, of Mexico; Emperor Francis Joseph, ex-Queen Isabella, J. Q. A. Ward, sculptor; Rev. Joseph Parker, English pulpit orator; Marquis of Salisbury, Albert Bierstadt, Louise Michel, French agitator; Salvini, tragedian; ex-Secretary Tracy, Mme. Janaschek, actress; General Oliver O. Howard.
  68. Archdeacon Farrar, General Gillaffet, French soldier; President Gilman, of Johns Hopkins; George J. Goschen, Frederick Harrison, positivist; Henry Labouchere, journalist; Henri Rochefort, Victorien Sardou, General Schofield, Senator Frye, Joachim, violinist; Sir George Nares, Arctic explorer; Ambassador Choate.
  67. Field Marshal Lord Roberts, British Army; Rev. Dr. Talmage, Maggie Mitchell, actress; Sir Edwin Arnold, poet; Professor Vamberg, Andrew D. White, Justice Shiras, Professor William Crookes, General Gordon, of Georgia; ex-Senator Quay, General Ignatieff, George H. Boughton, R. A.
  66. Chief Justice Fuller, Field Marshal Lord Wolseley, Denman Thompson, actor; Justice Harlan, ex-President Harrison, Duke of Devonshire (Lord Hartington), Clarence Edmund Stedman, poet; John L. Toole, comedian; Lewis Morris, poet; Frank Stockton, novelist.
  65. Senator Dewey, President Eliot, of Harvard University; Augustus J. C. Hare, author; Sir John Lubbock, Cardinal Gibbons.
  64. Leopold II., King of the Belgians; Whistler, painter; Rev. Lyman Abbott, President Charles K. Adams, Bouguereau, French painter; ex-Secretary Carlisle, Andrew Carnegie, Bishop Potter, Theodore Thomas, Paul Du Chaillu, "Mark Twain," Charles Francis Adams, Alfred Austin, poet; Major-General Shaftes.
  63. Edward John Poynter, President of the Royal Academy; Professor C. F. Chandler, Thomas Bailey Aldrich, Alma-Tadema, painter; W. S. Gilbert, dramatist; Brigadier-General Joseph Wheeler, Major-General Wesley Merritt, Joseph Chamberlain, ex-Secretary Alger.
  62. Ex-President Cleveland, Whitelaw Reid, General Horace Porter, W. D. Howells, novelist; General Lew Wallace, William L. Alden, author; Dr. Angell, ex-Minister to Turkey; Edward Eggleston, novelist; Dwight L. Moody, evangelist; Justices Brewer and Peckham, Miss Bradton, Swinburne, poet; Rear-Admiral Dewey.
  61. Sir Walter Besant, novelist; Professor James Bryce, Archibald Forbes, journalist; John Hay, Secretary of State; Sir Henry Irving, Lecky, historian; John Morley, John Wanamaker, President Loubet, Bret Harte, Generals Brooke and E. S. Otis.
  60. Rear-Admiral Schley, General Sir Redvers Buller, General Miles, ex-Speaker Thomas B. Reed, Archbishop Corrigan.

At what age does one become "old"? Five centuries ago a man was old at fifty. But the hale and hearty gentlemen of to-day who has just turned sixty would probably protest against being classed among old people, even if famous. That his susceptibilities may not be wounded, therefore, a separating dash has been discreetly introduced after age sixty-five.

## Record of Events in 1899.

- Jan. 1. Hostilities began in Samoa between rival claimants for the throne.
- Jan. 6. Lord Curzon of Kedleston assumed the Viceroyalty of India.
- Jan. 9. Railroad wreck at West Dunellen, N. J.; seventeen dead, fifty badly injured.
- Jan. 12. Commissary-General Eagan aspersed the veracity of General Miles before the War Investigating Committee at Washington.
- Jan. 23. Dr. Newell Dwight Hillis accepted the call to Plymouth Church, Brooklyn.
- Jan. 25. Adelina Patti married Baron Cederstrom at Brecon, Wales.
- Feb. 1. The American flag was raised at Guam; Commander Taussig, of the Bennington, first Governor.
- Feb. 6. Prince Alfred, heir to the dukedom of Saxe-Coburg and Gotha, died.
- Feb. 7. Commissary-General Eagan was suspended for six years from the army. The court-martial had recommended dismissal from army.
- Feb. 10. The President signed the Peace Treaty with Spain.
- Feb. 15. Fire in Brooklyn Navy Yard destroyed \$1,000,000 worth of property.
- Feb. 16. President Faure, of France, died suddenly.
- Feb. 18. M. Emile Loubet was elected President of France.
- Feb. 20. Russia deprived Finland of certain liberties in home government.
- Feb. 28. Roland B. Molineux was arrested for the murder of Mrs. Kate J. Adams in New York. He was first indicted March 1.
- March 1. The Sagasta Ministry resigned in Spain.
- March 1. Steamer Labrador was wrecked off Scottish coast, near Tobormory. No lives lost.
- March 5. China refused Italy's demand for a lease of San Mun Bay as a naval base.
- March 5. Naval powder magazine at Toulon, France, was blown up, with sixty killed, 100 injured.
- March 7. Josephine, the six-year-old daughter of Rudyard Kipling, died of pneumonia in New York.
- March 17. Windsor Hotel, New York, was burned, with great loss of life.
- March 17. The Queen Regent of Spain signed the treaty of peace between Spain and the United States.
- March 20. Mrs. P'ace was electrocuted at Sing Sing, N. Y., for the murder of her stepdaughter.
- March 21. Anglo-French treaty, agreeing on Nile boundary, was signed.
- March 30. English excursion steamer Stella was lost on Casquet Rocks, near island of Alderney; 73 persons drowned.
- March 31. Dr. Samuel J. Kennedy convicted, at New York, of the murder of Dolly Reynolds.
- April 1. Attack on American and British naval forces by Mataafa's followers at Apia, Samoa; one British and two American officers killed.
- April 4. Cuban Military Assembly voted to disband army and to dissolve.
- April 5. Marriage of William K. Vanderbilt, Jr., and Miss Virginia Fair at Newport, R. I.
- April 7. Fatal fire at residence of Wallace C. Andrews in New York; several persons burned to death.
- April 11. "Idle Hour," country home of William K. Vanderbilt, on Long Island, burned.
- April 18. Resolutions were introduced in the Massachusetts Legislature revoking the order banishing Roger Williams in 1635.
- April 21. Ex-Senator Quay, of Pennsylvania, was acquitted of a charge of conspiracy to use State funds for private gain.
- April 23. Sam Hose, a negro, was burned by a Georgia mob for the murder of Mr. and Mrs. Crawford.
- April 25. Three hundredth anniversary of Cromwell's birth was celebrated in England.
- April 27. Tornado in Northern Missouri; very severe at Kirksville and Newton. Forty-two persons killed and more than 100 injured.
- April 28. Mrs. Annie E. George was acquitted of charge of murdering George D. Saxton, at Canton, Ohio.
- April 28. Marriage of Mrs. Jessie A. Sloane and Jerry Belmont at Greenwich, Ct.
- Apr. 29. Rioting miners at Cœur d'Alene, Idaho, destroyed mining property.
- May 2. The Italian Cabinet resigned.
- May 4. Andrew Carnegie sold his interest in the Carnegie Steel Company.
- May 12. Ex-Gov. Roswell P. Flower died.
- May 13. Fatal collision on the Reading Railroad; twenty-five killed and about fifty injured.
- May 14. Rev. Dr. Charles A. Briggs was ordained to the Protestant Episcopal priesthood.
- May 15. Tuberculosis Congress at Berlin convened.
- May 16. Dr. Edward E. Hale resigned pastorate of South Congregational Church, Boston, after forty-three years' service.
- May 16. The Earl of Strafford was killed by railroad train in England.
- May 21. The steamship Paris ran aground on the Manacles. She was afterward towed off and saved.
- May 21. Baby Marion Clark was kidnapped at New York. She was found at Garnersville, N. Y.
- June 1. Barrow, the kidnapper, and his accomplices were tried, convicted, and sentenced to imprisonment.
- May 25. Prof. Arthur T. Hadley was chosen President of Yale University.
- May 30. President Kruger, of the Transvaal, and Sir Alfred Milner conferred at Bloemfontein regarding the grievances of the Outlanders.
- May 30. Bronze bust of Thomas Paine was unveiled at New Rochelle, N. Y.
- June 1. Major Marchand was received with enthusiasm in France.
- June 2. French Court of Cassation decided in favor of a revision of the Dreyfus verdict.
- June 3. Esterhazy admitted that he wrote the bordereau in the Dreyfus case.
- June 4. President Loubet, of France, was attacked by a mob at the races.
- June 8. General Luna, the Filipino leader, was assassinated by order of Aguinaldo.
- June 12. The Dupuy Ministry in France was defeated by a vote of 321 to 173, and resigned.
- June 12. Tornado in Minnesota and Wisconsin. Two hundred and fifty killed at New Richmond, Wis.
- June 14. Bronze statue of ex-President Arthur was unveiled in Madison Square, New York.
- June 15. The first formal meeting of the Venezuelan Arbitration Commission opened.
- June 16. United States Minister Bellamy Storer was received in formal audience by the Queen Regent of Spain.
- June 22. M. Waldeck-Rousseau succeeded in forming a new French Ministry.
- June 26. The Shamrock launched on the Thames.
- June 26. The International Council of Women opened in London.
- June 29. Harvard was victorious in three boat races with Yale.
- July 4. Floods in Texas; three hundred negroes were drowned.
- July 7. President's call for ten regiments to quell insurrection in Philippines was issued.
- July 7. Augustin Daly, dramatist and theatrical manager, died in Paris.
- July 7. The wife of Capt. Francis W. Dickins, U. S. N., was killed by gasoline explosion at Washington.
- July 10. Death of Grand Duke George of Russia, Czarevitch.

## RECORD OF EVENTS IN 1899—Continued.

July 14. French soldiers killed their officers in French Soudan.  
 July 16. Beginning of strike on Brooklyn Rapid Transit lines.  
 July 19. Secretary of War Alger resigned. Elihu Root succeeded him July 22.  
 July 20. Five Italians were lynched at Tallulah, La., for the murder of L. R. J. Hodge.  
 July 24. Reciprocity treaty with France was signed.  
 July 26. President Heurieux, of San Domingo, was assassinated.  
 July 27. Robert G. Ingersoll died.  
 July 29. Final sitting of Peace Conference at The Hague.  
 July 31. Yellow fever broke out at Hampton, Va.  
 Aug. 6. Disaster to a trolley car at Bridgeport, Ct., caused 29 deaths.  
 Aug. 6. Ferry gangplank gave way at Bar Harbor, Me.; twenty drowned.  
 Aug. 7. Dreyfus trial opened at Rennes, France.  
 Aug. 8. Hurricane in Porto Rico; reported 2,000 were killed.  
 Aug. 14. Attempted assassination of Maitre Labori at Rennes.  
 Aug. 20. Anti-government riot and bloodshed in Paris.  
 Aug. 27. Revolution in the Dominican Republic succeeded.  
 Sept. 9. The court-martial at Rennes, France, declared Captain Dreyfus guilty.  
 Sept. 12. Cornelius Vanderbilt died.  
 Sept. 14. National Export Exposition opened at Philadelphia.  
 Sept. 19. Captain Dreyfus was pardoned.  
 Sept. 21. Anti-Trust Conference at Chicago ended.  
 Sept. 26. Admiral Dewey arrived in New York Harbor.  
 Sept. 28. The Seventh International Geographical Congress opened in Berlin.  
 Sept. 29. Naval parade in New York Harbor in honor of Admiral Dewey.  
 Sept. 30. A land parade in the City of New York in honor of Admiral Dewey.  
 Oct. 2. The Venezuelan Boundary Commission announced its award.  
 Oct. 9. The President laid the corner-stone of

the new Federal Building at Chicago, after great military and civic review.

Oct. 10. The Transvaal Republic sent an ultimatum to Great Britain and invaded Natal October 12, which began the South African war.

Oct. 12. England and the United States agreed on a temporary arrangement of Alaska boundary dispute.

Oct. 12. Reported earthquake in Java, killing 4,300 people.

Oct. 14. The Dismal Swamp Canal was opened. It was originally surveyed by George Washington.

Oct. 20. General Jimenez was elected President of the Dominican Republic.

Oct. 20. The American yacht Columbia won the third straight race from Shamrock.

Nov. 7. Cruiser Charleston was wrecked on a reef on northwest coast of Luzon, Philippines.

Nov. 8. England relinquished its territorial claims in Samoa.

Nov. 8. Memorial to Miss Winnie Davis, the "Daughter of the Confederacy," was unveiled at Richmond, Va.

Nov. 9. Admiral George Dewey was married to Mrs. Mildred M. Hazen at Washington, D. C.

Nov. 12. Puerto Cabello Venezuela, surrendered to General Castro after holding out for two days.

Nov. 15. Roland B. Molineux was placed on trial for murder.

Nov. 19. Rev. Dr. Richard S. Storrs resigned as pastor of the Church of the Pilgrims, Brooklyn, N. Y.

Nov. 20. Kaiser Wilhelm arrived at Windsor Castle on a visit to England.

Nov. 21. Vice-President Hobart died at Pater-son, N. J.

Nov. 22. The Khalifa of the Soudan was killed in battle.

Nov. 24. Kaiser Wilhelm visited Bieenheim Palace, England.

Nov. 28. Harper Brothers' publishing house, New York, failed.

Dec. 2. Samoan partition treaty was signed at Washington.

Dec. 4. The Fifty-sixth Congress convened.

Dec. 6. A mob at Maysville, Ky., burned a negro for assaulting and killing a white woman.

For events in the Philippine war see page 91; for the South African war see page 94.

## The Venezuelan Award.

THE Anglo-Venezuelan Boundary Arbitration Commission, after a session at Paris, France (beginning June 15, 1899), on October 3, 1899, rendered the following award by unanimous agreement.

The arbitrators were (Chief Justice Fuller, Associate Justice Brewer, Lord Chief Justice Russell of Killowen, Sir Richard Henn Collins, and Professor Martens. Ex-President Harrison, General B. F. Tracy, M. Mallet-Prevost, and the Marquis de Rojas were counsel for Venezuela, and Attorney-General Sir Richard Webster and Sir Robert Reed for Great Britain.

The undersigned, by these presents, give and publish our decision determining and judging, touching and concerning the questions that have been submitted to us by said arbitrators; and, in conformity with said arbitration, we decide, declare, and pronounce definitely that the line of frontier of the colony of British Guiana and the United States of Venezuela is as follows:

Starting on the coast at Point Playa, the frontier shall follow a straight line to the confluence of the Barima and the Maruima; thence following the thalweg of the latter to the source of the Cerenin; thence likewise called the Cutari River.

Thence it shall proceed to the confluence of the Itai-wa and the Amakuru; thence following the thalweg of the Amakuru to its source in the Plain of Imataka; thence in a southwesterly direction along the highest ridge of the Imataka Mountains to the highest point of the Luatuka Chain, opposite the source of the Barima and the principal chain of the Imataka Mountains; thence in a southeast direction to the source of the Acarabisi.

Following the thalweg of the Acarabisi to the Cuyuni, the northern bank of which it shall follow in a westerly direction to the confluence of the Cuyuni and the Vaanam; thence along the thalweg of the Vaanam to its westernmost source; thence in a straight line to the summit of Mount Koraima; thence to the source of the Cotings.

From this point the frontier shall follow the thalweg of the Cotinga to its confluence with the Takutu; thence along the thalweg of the Takutu to its source; thence in a straight line to the most western point of the Akarai Mountains, the highest ridge of which it shall follow to the source of the Corentiu, whence it will follow the course of the river.

It is stipulated that the frontier hereby delineated reserves and in no way prejudices questions actually existing or that may hereafter arise between Great Britain and the Republic of Brazil, or between the Republic of Brazil and Venezuela. In fixing the above delimitation, the arbitrators consider and decide that, in time of peace, the Rivers Amakuru and Barima shall be open to navigation by the merchant shipping of all nations, due reserve being made with regard to equitable regulations and the payment of like dues and other like imposts, on condition that the dues levied by Venezuela and British Guiana on ships traversing the parts of those rivers owned by them respectively shall be imposed in accordance with the same tariff on Venezuelan and British vessels. These tariffs are not to exceed those of all other countries. The award proceeds also upon the condition that neither Venezuela nor British Guiana shall impose any customs duty on goods carried in vessels, ships, or boats passing through these rivers, such customs being levied only on goods landed upon Venezuelan territory or on the territory of Great Britain respectively.



## Death Roll of 1899.

Age at death is given in parentheses; vocation, place, cause, and time of death when known follow.

- Abdullah el Taishi, Khalifa of the Soudan (50), near Jebel Gedir, Soudan; killed in battle Nov 24.
- Alfred, Prince, son and heir of the Duke of Saxe-Coburg and Gotha (25), at Meran, brain malady, Feb. 6.
- Alger, Horati: (65), writer of juvenile books, Natick, Mass., July 18.
- Allen, Grant (51), author and naturalist, London, England, Oct 25.
- Annenkoff, Michel (61), Russian engineer and soldier, St. Petersburg, Jan. 22.
- Appleton, William H. (85), publisher, Riverdale, N. Y., Oct 19.
- Armstrong, Sir Alexander, British naval officer and Arctic explorer, London, July 5.
- Aspinwall, Lloyd (38), clubman, New York, nephritis, July 10.
- Atherton, Alice (40), actress, New York, pneumonia, Feb. 4.
- Atkinson, William Y. (45) ex-Governor of Georgia, Newnan, Ga., Aug 8.
- Averoff, George (70), Greek philanthropist, Alexandria, Egypt, Aug 3.
- Baker, Lewis (67), journalist and diplomat, Washington D. C., pernicious anemia, April 30.
- Barrows, Walter M. (52), Congregational clergyman, Mackinaw Island, Mich., Bright's disease, Aug 10.
- Bartlett, David L. (83), iron manufacturer, Baltimore, Md., pneumonia, May 11.
- Bausa, Augustine (78), Cardinal Archbishop of the Roman Catholic Church, Florence, Italy, April 15.
- Baxter Elisha (72), ex-Governor of Arkansas, Batesville, Ark., June 2.
- Beaufort, Duke of Henry Charles Fitzroy Somerset (76), London, April 30.
- Becker, Thomas A. (67), Roman Catholic Bishop of Savannah, Washington D. C., July 29.
- Berry Charles A. (47), clergyman, Bilston, England, Jan 31.
- Biddle, Alexander (89), ex-soldier and railroad man, Philadelphia, Pa., May 2.
- Blaikie, William G. (79), clergyman and theological writer, North Berwick, Scotland, June 11.
- Blanco, Antonio Guzman** (70), ex-President of Venezuela, Paris, France, July 29.
- Bland, Richard P.** (64), Representative in Congress, Lebanon, Mo., grip June 15.
- Bonaparte Prince Napoleon Charles (64), Rome, Feb. 12.
- Bouheir, Rosa** (78), animal painter, Fontainebleau, France, May 25.
- Bonner, Robert (75), publisher and horseman, New York, general debility July 6.
- Brentano, August (46), bookseller, Fushing, L. I., May 10.
- Bright, Jacob (78), M. P., brother of John Bright, Rochdale, England, Nov 8.
- Brumby, Thomas M. (44), Lieutenant U. S. N., Dewey's flag lieutenant at Manila, Washington, D. C., typhoid fever, Dec 17.
- Buckalaw, Charles R. (78), ex-United States Senator, Bloomsburg, Pa., May 19.
- Buechner, Frederick, K. C. L., scientist and author, Darmstadt, Germany, May 1.
- Bun- en, Robert Wilhelm Eberhard** (89), scientist, Heidelberg, Germany, Aug 16.
- Busch, Moritz, the biographer of Bismarck, Germany, Nov 16.
- Carpenter, Charles C. Rear-Admiral U. S. N., retired, Boston suicide, April 1.
- Castelar, Don Emilio** (67), Spanish statesman, Murcia, Spain, pulmonary catarrh, May 25.
- Chauncey, Henry, Jr. (43), Colonel Eighth Regiment, N. G. N. Y. Lenox, Mass., Sept. 27.
- Chennevieres, Charles Philippe de, Marquis (79), officer of several art institutes in Paris, Paris, France, April 2.
- Cherbuliez, Charles Victor (70), novelist and critic, Paris, France, July 1.
- Chickering, George H., piano manufacturer, Boston, Nov 19.
- Chitty, Sir Joseph William (71), jurist, London, England, Feb. 15.
- Cilley, Bradbury F. (61), professor of ancient languages, Exeter, N. H., March 31.
- Clarke, John S. (66), comedian and theatrical manager, England, Sept 25.
- Clinton, Henry L. (79), lawyer, New York, Bright's disease and rheumatism.
- Cole, E. W. (65), coal and iron operator, New York, heart disease, May 24.
- Colomb, Philip Howard (68), Vice-Admiral British Navy, Botley, England, Oct 14.
- Copleston, John H., journalist, Brighton, England, June 5.
- Crawford, John W. (36), Representative in Congress from Texas, Washington, D. C., heart disease, March 2.
- Crosby, Pierce (76), Rear-Admiral U. S. N., retired, Washington, D. C., June 15.
- Daly, Augustin** (61), dramatist and theatrical manager, Paris, heart disease, June 7.
- Day, Charles P. (84), jurist, Sag Harbor, L. I., apoplexy, Sept. 19.
- Danford, Lorenzo (70), Representative in Congress from Ohio, St. Clairsville, O., heart disease, June 19.
- Danforth, George F. (80), jurist, Rochester N. Y., apoplexy, Sept. 25.
- Davis, George R. (59), Director-General of the World's Fair at Chicago, 1893, Chicago, Ill., heart disease, Nov. 25.
- Dawson, Sir John William (79), educator, geologist, and scientific author, Montreal, Canada, Nov. 19.
- De Goetsbraud, Louis (83), Roman Catholic Bishop of Burlington, Burlington, Vt., old age, Nov. 3.
- D'Ennery, Adolphe Philippe (83), playwright, Paris, Jan. 25.
- Dingley, Nelson** (67) statesman, Washington, D. C., pneumonia, Jan 13.
- Duggan, James (74), Roman Catholic Bishop, St Louis, March 27.
- Edeson, George R. (60), comedian, Philadelphia, Pa., April 18.
- Edgar, Sir James, Canadian statesman, Toronto, Canada, July 31.
- Egbert, Harry C. (60), Colonel U. S. A., killed in battle in the Philippines, March 26.
- Ellerbe, William H. (40), Governor of South Carolina, Sellers, S. C., consumption, June 2.
- Ellis, Thomas E. (40), Liberal whip, M. P., London, England, April 5.
- Eckmann, Emile (77), novelist, collaborated with Chatrian, Lunneville, France, March 14.
- Ermentrout, Daniel (62), Representative in Congress, Reading, Pa., Sept. 17.
- Esher, Viscount William Bahol Brett (84), Master of the Rolls, London, England, May 24.
- Eustis, James B. (65), ex-Ambassador to France, Newport, R. I., pneumonia, Sept 9.
- Farrer Baron Thomas H. (60), writer on trade and finance, England, Oct 12.
- Faure, Francois Felix** (58), President of France, Paris, apoplexy Feb. 16.
- Field, Stephen J.** (83), Associate Justice U. S. Supreme Court, Washington, D. C., kidney disease, April 9.

- Field, Walbridge A. (66), Chief Justice of Massachusetts, Boston, Mass., heart disease, June 15.
- Flagler, Daniel W., Brigadier-General U. S. A., Chief of Ordnance, Old Point Comfort, Va., rheumatism, March 29.
- Flower, Roswell P.** (64), financier, ex-Governor of New York, Eastport, L. I., heart disease, May 12.
- Force, Manning F., soldier and jurist, Sandusky, O., May 8.
- Ford, Sir Francis Clare (69), British diplomatist, Paris, France, Jan. 31.
- Foster, Birket (74), artist, London, March 28.
- Galton, Sir Douglas (77), sanitarian, England, March 10.
- Garland, Augustus H. (67), statesman, ex-Attorney-General, Washington, D. C., apoplexy, Jan. 26.
- George Alexandrovitch**, the Czarevitch, Grand Duke of Russia (28), consumption, June 10.
- Goelet, Robert (53), financier and real estate owner Naples, Italy, heart failure, April 27.
- Grant, Baron Albert (69), promoter, London, Aug. 30.
- Greene, George S. (98), soldier and civil engineer, Morristown, N. J., old age, Jan. 28.
- Greene, Nathanael (90), President Rhode Island Society of the Cincinnati, Middletown, R. I., July 8.
- Harlan, James (79), ex-Secretary of the Interior, ex-United States Senator from Iowa, Mt. Pleasant, Ia., congestion of the lungs, Oct. 5.
- Harris, Samuel (85), Professor Emeritus Yale Theological Seminary, Litchfield, Ct., old age, May 23.
- Hayden, Henry Rogers (62), insurance journalist, East Hartford, Ct., cancer, March 2.
- Hayward, Monroe Leland (59) United States Senator from Nebraska, Nebraska City, Neb., paralysis, Dec. 5.
- Heine, Charlotte (99), sister of the poet Heine, Germany, Oct. 14.
- Henry, Guy V. (60), Brigadier-General U. S. A., New York, pneumonia, Oct. 27.
- Herschell, Farrer, Baron** (62), statesman, former Lord Chancellor of England, Washington, D. C., angina pectoris, March 1.
- Hervé, Aimé Marie Edouard (64), journalist, Member French Academy, Paris, Jan. 4.
- Heth, Henry (74), ex-Confederate general and historian, Washington, D. C., Bright's disease, Sept. 27.
- Heureaux, Ulisses (53) President San Domingo, assassinated, July 26.
- Higgins, Eugene (57), politician, Baltimore, pneumonia, Jan. 13.
- Hilton, Henry (75), financier and lawyer, Saratoga, N. Y., Aug. 24.
- Hirsh, Baroness Clarade, philanthropist, Paris, France, April 11.
- Hobart, Garret A.** (55) Vice-President of the United States, Paterson, N. J., heart disease, Nov. 21.
- Hoffman, Walter J. (45), surgeon and naturalist, Reading, Pa., consumption, Nov. 9.
- Holliday, Frederick W. M. (71), ex-Governor of Virginia, May 23.
- Holmes, John (87), classical scholar, brother of Oliver Wendell Holmes, Cambridge, Mass., Jan. 27.
- Hornby, Sir Windham, K. C. B. (87), British Admiral, London, England, apoplexy, June 28.
- Howell, George R. (66), State Archivist of New York, Albany, N. Y., pneumonia, April 6.
- Hutchinson, Benjamin P. (70), grain speculator, "Old Hutch," Lake Geneva, Wis., heart disease, March 16.
- Hyde, Henry B.** (65), President Equitable Life Assurance Society, New York, heart disease, May 2.
- Ingersoll, Robert G.** (66), orator and lawyer, Dobbs Ferry, N. Y., heart disease, July 21.
- Ismay, Thomas Henry (62), founder White Star line, London, England, Nov. 23.
- Ives, Frank (33), champion billiard player, at Progreso, Mexico, consumption, Aug. 31.
- Jackson, Cornelia Jefferson (62), actress, New York, March 2.
- Jewett, Sara, actress, Cambridge, Mass., Feb. 27.
- Johnson, Helen C., superintendent of Massachusetts Woman's Reformatory, London, England, angina pectoris, June 28.
- Johnston, William Preston (68), President of Tulane University, New Orleans, Lexington, Va., July 16.
- Jones, Henry (68), "Cavendish," whist expert and surgeon, England, Feb. 16.
- Julian, George W. (82), lawyer, ante-bellum member of Congress and abolitionist, Irvington, Ind., July 7.
- Kaulani, Hawaiian Princess (23), Honolulu, inflammatory rheumatism, March 6.
- Keeley, Mrs Robert (93), actress, London, pneumonia, March 12.
- Kellogg, Samuel H. (60), theologian and missionary, Lan-lour, India, apoplexy, May 2.
- Kemper, Delaware, ex-Confederate general, U. S. Consul to Amoy, China, Alexandria, Va., June 30.
- Krementsz, Philippe (80), Cardinal Archbishop of Cologne, Cologne, Germany, May 5.
- Lamson, Charles M. (56), clergyman, St. Johnsbury, Vt., neuralgia of the heart, Aug. 8.
- Lawrence, William (80), ex-Comptroller of the Treasury, jurist and writer, Bellefontaine, O., May 8.
- Leitner, Gottlieb W. (69), linguist (Oriental languages), Bonn, Germany, March 24.
- Leland, Warren F. (55), hotel proprietor, New York, appendicitis.
- Logan, John A. (34), Major U. S. A., killed in battle in the Philippines, Nov. 12.
- Lord, Daniel (53), lawyer, New York, pleurisy, April 5.
- Luna, Antonio, Filipino General, assassinated in the Philippines, June 8.
- MacKenzie, John, missionary and administrator, Griqualand West, South Africa, in Bulgaria.
- Marie Louise, Princess Ferdinand of Margaria (29), Sofia, pneumonia, Jan. 31.
- Marlborough, Duchess of, Frances Anne (77), widow of the seventh Duke, London, England, bronchial catarrh, April 16.
- Marryat, Florence (62), author and actress, London, England, Oct. 27.
- Marsh, Othniel Charles** (67), palæontologist Yale University, New Haven, Ct., pneumonia, March 18.
- Mathews, Lizzie Weston, actress, widow of Charles Mathews, Brighton, England, Jan. 4.
- McKinney, Philip W. (65), ex-Governor of Virginia, Farmville, Va., March 1.
- McLeilan, Isaac (93), "Poet of the Rod and Gun," Greenport, L. I., Aug. 20.
- Medill, Joseph (76), journalist, editor of the Chicago *Tribune*, San Antonio, Tex., March 16.
- Menier, Albert (40), chocolate manufacturer, near Paris, heart disease, July 30.
- Mergenthaler, Ottmar (45), inventor of the linotype machine, Oct. 28.
- Merrill, Samuel (77), ex-Governor of Iowa, Los Angeles, Cal., paralysis, Aug. 31.
- Mertel, Theodolphus (93), Cardinal, Allumiere, Italy, July 11.
- Miles, William Porcher (77), sugar planter, former statesman, Burnside, La., May 11.
- Miller, Lewis (70) President of Chautauqua Assembly, manufacturer and philanthropist, New York, Feb. 17.
- Moir, John (92), ex-President of the Royal College of Physicians and Surgeons, Edinburgh, Scotland, May 14.
- Monier-Williams, Sir Monier** (80), Sanscrit scholar, England, April 11.
- Moore, John G. (52), banker, New York, June 23.
- Morrill, Justin S.** (89), U. S. Senator from Vermont (served forty-four years, longer than any other member of either house), Washington, D. C., pneumonia, Dec. 28, 1898.
- Mowbray, Sir John R. (84), Father of the House of Commons, London, England, April 23.

- Murray, James O. (72), Dean of Princeton University, Princeton N. J., stomach trouble, March 27.
- Napier, Francis, Baron Napier and Ettrick (80), British diplomatist and administrator, Florence, Italy, Dec. 19, 1898.
- Neely, Henry Adams (69), Protestant Episcopal Bishop of Maine, Portland, Me., Oct. 31.
- Newman, John P. (73), Methodist Episcopal Bishop, Saratoga, N. Y., July 5.
- Nicholson, Henry A. (55), naturalist, Jan. 19.
- Northumberland, Duke of, Algeron George Percy (89), London, Jan. 2.
- "Nun of Kenmare," "Sister Mary Frances Clare," Mary Frances Cusack (69), writer, Leamington, England, June 7.
- Oglesby, Richard J. (75), ex-United States Senator and ex-Governor of Illinois, Elkhart, Ill., April 24.
- O'Hara, William (82), Roman Catholic Bishop of Scranton, Scranton, Pa., Feb. 3.
- Pacheco, Romualdo, ex-Governor of California, Oakland, Cal., Bright's disease, Jan. 24.
- Pailleron, Edouard J. H. (65), poet and dramatist, Paris, France, April 20.
- Penzance, James Plaisted (83), British jurist, England, Dec. 11.
- Perry, Amos (87), historian, Librarian of the Rhode Island Historical Society, New London, Ct., apoplexy, Aug. 11.
- Picking, Henry (59), Rear-Admiral U. S. N., Boston, Mass., heart disease, Sept. 8.
- Pierce, Henry Niles, Protestant Episcopal Bishop of Arkansas, Little Rock, Sept. 5.
- Pierpont, Francis H. (84), first Governor of West Virginia, Pittsburgh, Pa., March 24.
- Pillsbury, Charles A. (57), miller, Minneapolis, Minn., heart trouble, Sept. 17.
- Plant, Henry B. (80), founder of Plant system of railways, New York City, heart disease, June 23.
- Ponisi, Mme. (80) [Elizabeth Wallis], actress, Washington, D. C., Feb. 20.
- Pope, Charles R. (67), theatrical manager, New York City, July 2.
- Post, Lily, comic opera singer, San Francisco, Cal., heart trouble, April 5.
- Price, Sir Rose Lambert (62), author and soldier, London, England, April 17.
- Prince, Frederick O. (81), ex-Mayor of Boston, Boston, Mass., June 6.
- Rector, Henry M. (83), ex-Governor of Arkansas, Little Rock, Ark., Aug. 12.
- Reuter, Baron Paul Julius de (83), founder of Reuter's Telegraph Company, Nice, Italy, Feb. 25.
- Reynolds, Joseph J. (77), soldier, Washington, D. C., paralysis, Feb. 26.
- Rhea, Hortense (55) [Hortense Barbe Loret], actress, Montmorency, France, May 10.
- Richardson, John Peter (68), ex-Governor of South Carolina, Columbia, S. C., heart disease, July 6.
- Richardson, Locke, elocutionist, Berlin, cancer, June 15.
- Rcmero, Matias (62), Mexican diplomatist, Washington, D. C., appendicitis, Dec. 30, 1898.
- Ropes, John C. (63), military critic and historian, Boston, Mass., Oct. 27.
- Routledge, Edmund (53), publisher and author, London, Aug. 25.
- Ruspoli, Prince di (61), ex-Senator and ex-Mayor of Rome, Rome, Italy, Nov. 29.
- Salisbury, Marchioness of, Georgina Alderson (68), wife of the Prime Minister, London, England, paralysis, Nov. 20.
- Sarcey, Francisque (71), dramatic critic, Paris, May 15.
- Scheurer-Kestner, Auguste (66), French statesman, Paris, Sept. 19.
- Schoenborn, Count Francis (55), Cardinal Archbishop of Prague, June 25.
- Semmes, Thomas J. (75), lawyer, New Orleans, La., June 23.
- Sexton, James A. (55), Commander-in-Chief G. A. R., Washington, D. C., grip and kidney disease, Feb. 5.
- Shook, Sheridan (71), politician, ex-theatrical manager, and brewer, Red Hook, N. Y., April 27.
- Sinn, William E. (65), theatrical manager, Pittsfield, Mass., Aug. 9.
- Slater, Horatio Nelson (65), manufacturer, Magnolia Beach, Mass., Aug. 12.
- Slater, James H. (73), ex-United States Senator from Oregon, Le Grande, Ore., Jan. 28.
- Smart, John (61), landscape painter, London, England, June 1.
- Smith, George (93), millionaire, banker, London, England, paralysis, Oct. 10.
- Smith, Joseph A. (86), actor, Philadelphia, Pa., gastritis, Aug. 2.
- Smyth, Frederick (80), ex-Governor of New Hampshire, April 22.
- Southworth, Mrs. E. D. E. N. (80), novelist, Washington, D. C., June 30.
- Sprague, Mrs. Kate Chase (59), Washington, D. C., liver disease, July 31.
- Stahl, Richard, musical director, New York, inflammatory rheumatism, July 5.
- Stemthal, Heymann (74), philologist, Berlin, Germany, March 14.
- Stille, Charles J. (80), ex-Provost of University of Pennsylvania, historical writer, Atlantic City, N. J., heart disease, Aug. 11.
- Stotsenburg, John M. (41), Colonel U. S. A., killed in battle at Quingua, Philippines, April 22.
- Straford, Earl of, Henry William John Byng (78), England, railroad accident, May 16.
- Strauss, Johann (74), composer, Vienna, June 3.
- Symons, Sir William Penn (56), British military commander, killed in battle, South Africa, Oct. 25.
- Tabor, Horace A. W. (69), mining speculator, Denver, Col., appendicitis, April 10.
- Tait, Lawson (54), surgeon, London, England, June 13.
- Taylor, Charles F. (72), surgeon, Los Angeles, Cal., grip, Jan. 25.
- Tennyson, Arthur, brother of Alfred Tennyson, London, England, June 27.
- Thomson, Frank (58), President Pennsylvania Railroad, Merion, Pa., acute indigestion, June 5.
- Teurber, Horace K. (71), merchant and public-spirited citizen, Hailey, Idaho, July 20.
- Tiemann, Daniel F. (95), oldest living ex-Mayor of New York, New York, June 29.
- Tucker, Gideon J. (73), jurist and lawyer, New York, July 25.
- Vanderbilt, Cornelius (56), millionaire and railroad magnate, New York, apoplexy, Sept. 12.
- Vogel, Sir Julius (64), colonial statesman and writer, London, March 13.
- Von Caprivi, Count Leo (68), ex-Chancellor of the German Empire and soldier, Skiren, Prussia, heart failure, Feb. 6.
- Walsh, Patrick (59), journalist and ex-United States Senator, Augusta, Ga., paralysis March 19.
- Watterson, John A. (55), Roman Catholic Bishop of Columbus, O., Columbus, O., April 17.
- Webb, William H. (83), shipbuilder and marine architect, New York, Oct. 30.
- Weill, Alexander (88), French novelist and publicist, Paris, France, April 19.
- Wells, J. Madison, ex-Governor of Louisiana, Leconte, La., Feb. 28.
- Whitney, Mrs. William C., society leader, Westbury, L. I., paralysis, May 6.
- Wiedemann, Gustav (73), professor of physics and chemistry, Leipzig, Germany, March 24.
- Wilde, William C. K., journalist, London, England, March 13.
- Williams, John (81), Protestant Episcopal Bishop of Connecticut, Middletown, Ct., grip, Feb. 7.
- Worrell, Jennie (49), actress, Brooklyn, burns, Aug. 11.
- Wright, Horatio G. (79), Brigadier-General and Engineer U. S. A., Washington, D. C., July 2.
- Young, John Russell (58), journalist, diplomatist, Librarian of Congress, Washington, D. C., Bright's disease, Jan. 17.

## Wars of the United States.

### STATEMENT OF THE NUMBER OF UNITED STATES TROOPS ENGAGED.

| Wars.                                | From—          | To—            | Regulars. | Militia and Volunteers. | Total.*   |
|--------------------------------------|----------------|----------------|-----------|-------------------------|-----------|
| War of the Revolution.....           | April 19, 1775 | April 11, 1783 | 130,711   | 164,080                 | 309,781   |
| Northwestern Indian Wars.....        | Sept. 19, 1790 | Aug. 3, 1795   | .....     | .....                   | 8,983     |
| War with France.....                 | July 9, 1798   | Sept. 30, 1800 | .....     | .....                   | 4,593     |
| War with Tripoli.....                | June 10, 1801  | June 4, 1805   | .....     | .....                   | 13,330    |
| Creek Indian War.....                | July 27, 1813  | Aug. 9, 1814   | 600       | 13,181                  | 13,781    |
| War of 1812 with Great Britain.....  | June 18, 1812  | Feb. 17, 1815  | 85,000    | 471,622                 | 556,622   |
| Seminole Indian War.....             | Nov. 20, 1817  | Oct. 21, 1818  | 1,000     | 6,911                   | 7,911     |
| Black Hawk Indian War.....           | April 21, 1831 | Sept. 31, 1832 | 1,339     | 5,126                   | 6,465     |
| Cherokee disturbance or removal..... | 1836           | 1837           | .....     | 9,494                   | 9,494     |
| Creek Indian War or disturbance..... | May 5, 1836    | Sept. 30, 1837 | 935       | 12,483                  | 13,418    |
| Florida Indian War.....              | Dec. 23, 1835  | Aug. 14, 1843  | 11,169    | 29,953                  | 41,122    |
| Aroostook disturbance.....           | 1836           | 1839           | .....     | 1,500                   | 1,500     |
| War with Mexico.....                 | April 24, 1846 | July 4, 1848   | 30,954    | 73,776                  | 112,230   |
| Apache, Navajo, and Utah War.....    | 1849           | 1855           | 1,500     | 1,061                   | 2,561     |
| Seminole Indian War.....             | 1856           | 1858           | .....     | 3,687                   | 3,687     |
| Civil War.....                       | 1861           | 1865           | .....     | .....                   | 2,772,408 |
| Spanish-American War.....            | April 21, 1898 | Aug. 12, 1898  | .....     | .....                   | \$274,717 |
| Philippine Insurrection.....         | 1899           | 1900           | .....     | .....                   | 60,000    |

\* Including all branches of the service. † Naval forces engaged. ‡ The number of troops on the Confederate side was about 600,000. § Troops actually engaged, about 60,000.

## Soldiers' Homes.

LOCATIONS OF HOMES FOR DISABLED UNITED STATES SOLDIERS AND SAILORS, AND REGULATIONS FOR ADMISSION TO THEM.

### NATIONAL HOME FOR DISABLED VOLUNTEER SOLDIERS.

*President of the Board of Managers*.....General William B. Franklin, Hartford, Ct.  
*Secretary*.....General Thomas J. Henderson, Princeton Ill.  
*General Treasurer*.....Major J. M. Birmingham, Hartford, Ct.

There are branches of the National Home at Dayton, O.; Milwaukee, Wis.; Togus, Me.; Hampton, Va.; Leavenworth, Kan.; Santa Monica, Cal.; Marion, Ind., and Danville, Ill. The aggregate number of inmates is about 27,000.

#### REQUIREMENTS FOR ADMISSION.

1. An honorable discharge from the United States service.
2. Disability which prevents the applicant from earning his living by labor.
3. Applicants for admission will be required to stipulate and agree to abide by all the rules and regulations made by the Board of Managers, or by its order; to perform all duties required of them, and to obey all the lawful orders of the officers of the Home. Attention is called to the fact that by the law establishing the Home the members are made subject to the Rules and Articles of War, and will be governed thereby in the same manner as if they were in the Army of the United States.
4. A soldier or sailor must forward with his application for admission his Discharge Paper, and when he is a pensioner, his Pension Certificate, and if he has been a member of a State Home, his discharge from that Home, before his application will be considered, which papers will be retained at the branch to which the applicant is admitted, to be kept there for him, and returned to him when he is discharged. This rule is adopted to prevent the loss of such papers and certificates, and to hinder fraudulent practices; and no application will be considered unless these papers are sent with it. If the original discharge does not exist, a copy of discharge, certified by the War or Navy Department, or by the Adjutant-General of the State, must accompany the application.

Soldiers or sailors whose pensions exceed \$16 a month are not eligible to the Home unless the reasons are peculiar, and are explained to the manager and are satisfactory to him. Those who have been members of State Homes must have been discharged from those Homes at least six months before they can be admitted to a branch of the National Home, except by a vote of the Board of Managers. Applicants are requested to conform strictly to the above requirements.

There are State Homes for disabled volunteer soldiers provided by the States of California, Colorado, Connecticut, Idaho, Illinois, Indiana, Iowa, Kansas, Massachusetts, Michigan, Minnesota, Missouri, Montana, Nebraska, New Hampshire, New Jersey, New York, North Dakota, Ohio, Oregon, Pennsylvania, Rhode Island, South Dakota, Vermont, Washington, Wisconsin, and Wyoming.

### UNITED STATES HOME FOR REGULAR ARMY SOLDIERS.

The United States Soldiers' Home in the District of Columbia receives and maintains discharged soldiers of the regular army. All soldiers who have served twenty years as enlisted men in the army (including volunteer service, if any), and all soldiers of less than twenty years' service who have incurred such disability, by wounds, disease, or injuries *in the line of duty while in the regular army*, as unfit them for further service, are entitled to the benefits of the Home.

A pensioner who enters the Home may assign his pension, or any part of it, to his child, wife, or parent, by filing written notice with the agent who pays him. If not so assigned, it is drawn by the treasurer of the Home and held in trust for the pensioner, to whom it is paid in such sums as the commissioners deem proper while he is an inmate of the Home, the balance being paid in full when he takes his discharge and leaves the Home.

Inmates are subject to the Rules and Articles of War, the same as soldiers in the army. They are comfortably lodged, fed, and clothed, and receive medical attendance and medicine, all without cost to them. There are 1,250 men now receiving the benefits of the Home.

The Board of Commissioners consists of "the General-in-Chief commanding the army, the Surgeon-General, the Commissary-General, the Adjutant-General, the Quartermaster-General, the Judge-Advocate-General, and the Governor of the Home."

Applications for admission to the Home may be addressed to the "Board of Commissioners, Soldiers' Home, War Department, Washington City, D. C.," and must give date of enlistment and date of discharge, with letter of company and number of regiment for each and every term of service, and rate of pension, if any, and must be accompanied by a medical certificate showing nature and degree of disability if any exists.

## The Civil War of 1861-65.

NUMBER OF MEN IN THE UNION ARMY FURNISHED BY EACH STATE AND TERRITORY FROM APRIL 15, 1861, TO CLOSE OF WAR.

| STATES AND TERRITORIES. | Number of Men Furnished. | Aggregate Reduced to a Three Years' Standing | STATES AND TERRITORIES.   | Number of Men Furnished. | Aggregate Reduced to a Three Years' Standing. |
|-------------------------|--------------------------|--|---------------------------|--------------------------|---|
| Alabama.....            | 2,556                    | 1,611  | New York.....             | 448,850                  | 392,270                                       |
| Arkansas.....           | 8,289                    | 7,836  | North Carolina.....       | 3,156                    | 3,156   |
| California.....         | 15,725                   | 15,725                                       | Ohio.....                 | 313,180                  | 240,514                                       |
| Colorado.....           | 4,903                    | 3,697  | Oregon.....               | 1,810                    | 1,773   |
| Connecticut.....        | 55,864                   | 50,623                                       | Pennsylvania.....         | 337,936                  | 265,517                                       |
| Delaware.....           | 12,284                   | 10,322                                       | Rhode Island.....         | 23,236                   | 17,866  |
| Florida.....            | 1,290                    | 1,290  | South Carolina.....       | .....                    | .....   |
| Georgia.....            | .....                    | .....  | Tennessee.....            | 31,092                   | 26,394  |
| Illinois.....           | 259,092                  | 214,133                                      | Texas.....                | 1,965                    | 1,632   |
| Indiana.....            | 196,363                  | 153,576                                      | Vermont.....              | 33,288                   | 29,068  |
| Iowa.....               | 76,242                   | 68,630                                       | Virginia.....             | .....                    | .....   |
| Kansas.....             | 20,149                   | 18,706                                       | West Virginia.....        | 32,068                   | 27,714  |
| Kentucky.....           | 75,760                   | 70,832                                       | Wisconsin.....            | 91,327                   | 79,260  |
| Louisiana.....          | 5,224                    | 4,654  | Dakota.....               | 206                      | 206   |
| Maine.....              | 70,107                   | 56,776                                       | District of Columbia..... | 16,534                   | 1,506   |
| Maryland.....           | 46,638                   | 41,275                                       | Indian Territory.....     | 3,530                    | 3,530   |
| Massachusetts.....      | 146,730                  | 124,104                                      | Montana.....              | .....                    | .....   |
| Michigan.....           | 87,364                   | 80,111                                       | New Mexico.....           | 6,561                    | 4,432   |
| Minnesota.....          | 24,020                   | 19,693                                       | Utah.....                 | .....                    | .....   |
| Mississippi.....        | 545                      | 545  | Washington.....           | 964                      | 964   |
| Missouri.....           | 109,111                  | 86,530                                       | U. S. Army.....           | .....                    | .....   |
| Nebraska.....           | 3,157                    | 2,175  | U. S. Volunteers.....     | .....                    | .....   |
| Nevada.....             | 1,080                    | 1,080  | U. S. Colored Troops..... | 93,441                   | 91,789  |
| New Hampshire.....      | 33,937                   | 30,849                                       | Total.....                | 2,778,304                | 2,326,168                                     |
| New Jersey.....         | 76,814                   | 57,908                                       |                           |                          |   |

The number of casualties in the volunteer and regular armies of the United States, during the war of 1861-65, according to a statement prepared by the Adjutant-General's office, was as follows: Killed in battle, 67,058; died of wounds, 43,012; died of disease, 199,720; other causes, such as accidents, murder, Confederate prisons etc., 40,154; total died, 349,944; total deserted, 199,105. Number of soldiers in the Confederate service who died of wounds or disease (partial statement), 133,821. Deserted (partial statement), 104,428. Number of United States troops captured during the war, 212,608; Confederate troops captured, 476,169. Number of United States troops paroled on the field, 16,431; Confederate troops paroled on the field, 248,599. Number of United States troops who died while prisoners, 30,156; Confederate troops who died while prisoners, 30,152.

### THE GREAT BATTLES OF THE CIVIL WAR.

From "Regimental Losses in the American Civil War." by Wm. F. Fox, Lieutenant-Colonel, U. S. V.)

As to the loss in the Union armies, the greatest battles in the war were:

| DATE.                   | Battle.                   | Killed. | Wounded.* | Missing. | Aggregate. |
|-------------------------|---------------------------|---------|-----------|----------|------------|
| July 1-3, 1863.....     | Gettysburg.....           | 3,070   | 14,497    | 5,434    | 23,001     |
| May 8-18, 1864.....     | Spotsylvania.....         | 2,725   | 13,413    | 2,258    | 18,396     |
| May 5-7, 1864.....      | Wilderness.....           | 2,246   | 12,037    | 3,383    | 17,666     |
| September 17, 1862.     | Antietam.....             | 2,108   | 9,549     | 753      | 12,410     |
| May 1-3, 1863.....      | Chancellorsville.....     | 1,606   | 9,762     | 5,919    | 17,287     |
| September 19-20, 1863.  | Chickamauga.....          | 1,656   | 9,749     | 4,774    | 16,179     |
| June 1-4, 1864.....     | Cold Harbor.....          | 1,844   | 9,077     | 1,816    | 12,737     |
| December 11, 14, 1862.  | Fredericksburg.....       | 1,284   | 9,600     | 1,769    | 12,653     |
| August 28-30, 1862..... | Manassas.....             | 1,747   | 8,452     | 4,263    | 14,462     |
| April 6-7, 1862.....    | Shiloh.....               | 1,754   | 8,408     | 2,885    | 13,047     |
| December 31, 1862.....  | Stone River.....          | 1,730   | 7,802     | 3,717    | 13,249     |
| June 15-19, 1864.....   | Petersburg (assault)..... | 1,688   | 8,513     | 1,185    | 11,386     |

\* Wounded in these and the following returns includes mortally wounded.

† Not including South Mountain or Crampton's Gap.

‡ Including Chantilly, Rappahannock, Bristol Station, and Bull Run Bridge.

§ Including Knob Gap and losses on January 1 and 2, 1863.

The Union losses at Bull Run (first Manassas), July 21, 1861, were: Killed, 470; wounded, 1,071; captured and missing 1,793; aggregate, 3,334.

The Confederate losses in particular engagements were as follows: Bull Run (first Manassas), July 21, 1861, killed, 387; wounded, 1,582; captured and missing, 13; aggregate, 1,962. Fort Donelson, Tenn., Feb. 14-16, 1862, killed, 466; wounded, 1,534; captured and missing, 13,829; aggregate, 15,829. Shiloh, Tenn., April 6-7, 1862, killed, 1,723; wounded, 8,012; captured and missing, 959; aggregate, 10,694. Seven Days' Battle, Virginia, June 25-July 1, 1862, killed, 3,478; wounded, 16,261; captured and missing, 875; aggregate, 20,614. Second Manassas, Aug. 21-Sept. 2, 1862, killed, 1,481; wounded and missing, 7,627; captured and missing, 89; aggregate, 9,197. Antietam campaign, Sept. 12-20, 1862, killed, 1,886; wounded, 9,348; captured and missing, 1,367; aggregate, 12,601. Fredericksburg, Dec. 13, 1862, killed, 596; wounded, 4,068; captured and missing, 651; aggregate, 5,315. Stone River, Tenn., Dec. 31, 1862, killed, 1,294; wounded, 7,945; captured and missing, 1,027; aggregate, 10,266. Chancellorsville, May 1-4, 1863, killed, 1,665; wounded, 9,081; captured and missing, 2,018; aggregate, 12,764. Gettysburg, July 1-3, 1863, killed, 2,592; wounded, 12,706; captured and missing, 5,150; aggregate, 20,448. Chickamauga, Sept. 19-20, 1863, killed, 2,268; wounded, 13,613; captured and missing, 1,090; aggregate, 16,971.

Gettysburg was the greatest battle of the war. Antietam the bloodiest. The largest army was assembled by the Confederates at the seven days' fight; by the Unionists at the Wilderness.

**The Treaty of Peace with Spain.**

THE treaty of peace between the United States and Spain was signed by the members of the Joint Commission at Paris, December 10, 1898. The full text of the treaty is as follows :

The United States of America and Her Majesty the Queen Regent of Spain, in the name of her august son, Don Alfonso XIII., desiring to end the state of war now existing between the two countries, have for that purpose appointed as plenipotentiaries :

The President of the United States:  
William R. Day, Cushman K. Davis, William P. Frye, George Gray, and Whitelaw Reid, citizens of the United States:

And Her Majesty the Queen Regent of Spain:  
Don Eugenio Montero Rios, President of the Senate ; Don Buenaventura de Abarzuza, Senator of the Kingdom and ex-Minister of the Crown ; Don José de Garnica, Deputy to the Cortes and Associate Justice of the Supreme Court ; Don Wenceslao Ramirez de Villa Urrutia, Envoy Extraordinary and Minister Plenipotentiary at Brussels, and Don Rafael Cerero, General of Division.

Who, having assembled in Paris and having exchanged their full powers, which were found to be in due and proper form, have, after discussion of the matters before them, agreed upon the following articles:

**ARTICLE I.**

Spain relinquishes all claim of sovereignty over and title to Cuba.

And as the island is, upon its evacuation by Spain, to be occupied by the United States, the United States will, so long as such occupation shall last, assume and discharge the obligations that may under international law result from the fact of its occupation for the protection of life and property.

**ARTICLE II.**

Spain cedes to the United States the island of Porto Rico and other islands now under Spanish sovereignty in the West Indies, and the island of Guam, in the Mariannes or Ladrones.

**ARTICLE III.**

Spain cedes to the United States the archipelago known as the Philippine Islands, and comprehending the islands lying within the following lines :

A line running from west to east along or near the twentieth parallel of north latitude, and through the middle of the navigable channel of Bachtí, from the one hundred and eighteenth to the one hundred and twenty-seventh degree meridian of longitude east of Greenwich, thence along the one hundred and twenty-seventh degree meridian of longitude east of Greenwich to the parallel of four degrees and forty-five minutes north latitude, thence along the parallel of four degrees and forty-five minutes north latitude to its intersection with the meridian of longitude one hundred and nineteen degrees and thirty-five minutes east of Greenwich, thence along the meridian of longitude one hundred and nineteen degrees and thirty-five minutes east of Greenwich to the parallel of latitude seven degrees and forty minutes north, thence along the parallel of latitude seven degrees and forty minutes north to its intersection with the one hundred and sixteenth degree meridian of longitude east of Greenwich, thence by a direct line to the intersection of the tenth degree parallel of north latitude with the one hundred and eighteenth degree meridian of longitude east of Greenwich, and thence along the one hundred and eighteenth degree meridian of longitude east of Greenwich to the point of beginning.

The United States will pay to Spain the sum of \$20,000,000 within three months after the exchange of the ratifications of the present treaty.

**ARTICLE IV.**

The United States will, for ten years from the date of exchange of ratifications of the present treaty, admit Spanish ships and merchandise to the ports of the Philippine Islands on the same terms as ships and merchandise of the United States.

**ARTICLE V.**

The United States will, upon the signature of the present treaty, send back to Spain, at its own cost, the Spanish soldiers taken as prisoners of war on the capture of Manila by the American forces. The arms of the soldiers in question shall be restored to them.

Spain will, upon the exchange of the ratifications of the present treaty, proceed to evacuate the Philippines, as well as the island of Guam, on terms similar to those agreed upon by the Commissioners appointed to arrange for the evacuation of Porto Rico and other islands in the West Indies under the protocol of August 12, 1898, which is to continue in force till its provisions are completely executed.

The time within which the evacuation of the Philippine Islands and Guam shall be completed shall be fixed by the two Governments. Stands of colors, uncaptured war vessels, small arms, guns of all calibres, with their carriages and accessories, powder, ammunition, live stock, and materials and supplies of all kinds belonging to the land and naval forces of Spain in the Philippines and Guam remain the property of Spain. Pieces of heavy ordnance, exclusive of field artillery, in the fortifications and coast defences shall remain in their emplacements for the term of six months, to be reckoned from the exchange of ratifications of the treaty; and the United States may in the mean time purchase such material from Spain if a satisfactory agreement between the two Governments on the subject shall be reached.

**ARTICLE VI.**

Spain will, upon the signature of the present treaty, release all prisoners of war and all persons detained or imprisoned for political offences in connection with the insurrections in Cuba and the Philippines and the war with the United States.

Reciprocally the United States will release all persons made prisoners of war by the American forces, and will undertake to obtain the release of all Spanish prisoners in the hands of the insurgents in Cuba and the Philippines.

The Government of the United States will at its own cost return to Spain, and the Government of Spain will at its own cost return to the United States, Cuba, Porto Rico, and the Philippines, according to the situation of their respective homes, prisoners released or caused to be released by them, respectively, under this article.

**ARTICLE VII.**

The United States and Spain mutually relinquish all claims for indemnity, national and individual, of every kind, of either Government, or of its citizens or subjects, against the other Government

THE TREATY OF PEACE WITH SPAIN—*Continued.*

which may have arisen since the beginning of the late insurrection in Cuba and prior to the exchange of ratifications of the present treaty, including all claims for indemnity for the cost of the war. The United States will adjudicate and settle the claims of its citizens against Spain relinquished in this article.

## ARTICLE VIII.

In conformity with the provisions of Articles I., II., and III. of this treaty, Spain relinquishes in Cuba and cedes in Porto Rico and other islands in the West Indies, in the island of Guam, and in the Philippine Archipelago all the buildings, wharves, barracks, forts, structures, public highways, and other immovable property which in conformity with law belong to the public domain and as such belong to the Crown of Spain.

And it is hereby declared that the relinquishment or cession, as the case may be, to which the preceding paragraph refers, cannot in any respect impair the property or rights which by law belong to the peaceful possession of property of all kinds of provinces, municipalities, public or private establishments, ecclesiastical or civil bodies, or any other associations having legal capacity to acquire and possess property in the aforesaid territories, renounced or ceded, or of private individuals, of whatsoever nationality such individuals may be.

The aforesaid relinquishment or cession, as the case may be, includes all documents exclusively referring to the sovereignty relinquished or ceded that may exist in the archives of the peninsula. Where any document in such archives only in part relates to said sovereignty a copy of such part will be furnished whenever it shall be requested. Like rules shall be reciprocally observed in favor of Spain in respect of documents in the archives of the islands above referred to.

In the aforesaid relinquishment or cession, as the case may be, are also included such rights as the Crown of Spain and its authorities possess in respect of the official archives and records, executive as well as judicial, in the islands above referred to, which relate to said islands or the rights and property of their inhabitants. Such archives and records shall be carefully preserved, and private persons shall, without distinction, have the right to require, in accordance with the law, authenticated copies of the contracts, wills, and other instruments forming part of notarial protocols or files, or which may be contained in the executive or judicial archives, be the latter in Spain or in the islands aforesaid.

## ARTICLE IX.

Spanish subjects, natives of the peninsula, residing in the territory over which Spain by the present treaty relinquishes or cedes her sovereignty, may remain in such territory or may remove therefrom, retaining in either event all their rights of property, including the right to sell or dispose of such property or of its proceeds; and they shall also have the right to carry on their industry, commerce, and professions, being subject in respect thereof to such laws as are applicable to other foreigners. In case they remain in the territory they may preserve their allegiance to the Crown of Spain by making, before a court of record, within a year from the date of the exchange of ratifications of this treaty, a declaration of their decision to preserve such allegiance; in default of which declaration they shall be held to have renounced it and to have adopted the nationality of the territory in which they may reside.

The civil rights and political status of the native inhabitants of the territories hereby ceded to the United States shall be determined by the Congress.

## ARTICLE X.

The inhabitants of the territories over which Spain relinquishes or cedes her sovereignty shall be secured in the free exercise of their religion.

## ARTICLE XI.

The Spaniards residing in the territories over which Spain by this treaty cedes or relinquishes her sovereignty shall be subject in matters civil as well as criminal to the jurisdiction of the courts of the country wherein they reside, pursuant to the ordinary laws governing the same; and they shall have the right to appear before such courts and to pursue the same course as citizens of the country to which the courts belong.

## ARTICLE XII.

Judicial proceedings pending at the time of the exchange of ratifications of this treaty in the territories over which Spain relinquishes or cedes her sovereignty shall be determined according to the following rules:

First—Judgments rendered either in civil suits between private individuals, or in criminal matters, before the date mentioned, and with respect to which there is no recourse or right of review under the Spanish law, shall be deemed to be final, and shall be executed in due form by competent authority in the territory within which such judgments should be carried out.

Second—Civil suits between private individuals which may on the date mentioned be undetermined shall be prosecuted to judgment before the court in which they may then be pending, or in the court that may be substituted therefor.

Third—Criminal actions pending on the date mentioned before the Supreme Court of Spain against citizens of the territory which by this treaty ceases to be Spanish shall continue under its jurisdiction until final judgment; but, such judgment having been rendered, the execution thereof shall be committed to the competent authority of the place in which the case arose.

## ARTICLE XIII.

The rights of property secured by copyrights and patents acquired by Spaniards in the Island of Cuba, and in Porto Rico, the Philippines, and other ceded territories, at the time of the exchange of the ratifications of this treaty, shall continue to be respected. Spanish scientific, literary, and artistic works not subversive of public order in the territories in question shall continue to be admitted free of duty into such territories for the period of ten years, to be reckoned from the date of the exchange of the ratifications of this treaty.

## ARTICLE XIV.

Spain shall have the power to establish consular officers in the ports and places of the territories the sovereignty over which has either been relinquished or ceded by the present treaty.

## ARTICLE XV.

The Government of each country will, for the term of ten years, accord to the merchant vessels of the other country the same treatment in respect to all port charges, including entrance and clearance dues, light dues, and tonnage duties, as it accords to its own merchant vessels not engaged in the coastwise trade.

THE TREATY OF PEACE WITH SPAIN—*Continued.*

This article may at any time be terminated on six months' notice given by either Government to the other.

## ARTICLE XVI.

It is understood that any obligations assumed in this treaty by the United States with respect to Cuba are limited to the time of its occupancy thereof; but it will upon the termination of such occupancy advise any Government established in the island to assume the same obligations.

## ARTICLE XVII.

The present treaty shall be ratified by the President of the United States, by and with the advice and consent of the Senate thereof, and by Her Majesty the Queen Regent of Spain; and the ratifications shall be exchanged at Washington within six months from the date hereof, or earlier if possible.

In faith whereof we, the respective plenipotentiaries, have signed this treaty and have hereunto affixed our seals.

Done in duplicate at Paris, the tenth day of December, in the year of our Lord one thousand eight hundred and ninety-eight.

[SEAL.]

WILLIAM R. DAY,  
CUSHMAN K. DAVIS,  
WILLIAM P. FRYE,  
GEORGE GRAY,  
WHITELAW REID,

EUGENIO MONTERO RIOS,  
B. DE ABAZUZA,  
J. DE GARNICA,  
W. R. DE VILLA UBRUTIA,  
RAFAEL CERERO.

The treaty was transmitted to the Senate by the President on January 4, 1899.

After over four weeks' discussion the Senate, on February 6, ratified the treaty by a vote of 57 to 27, a vote of two-thirds of the Senators present being necessary. The vote in detail was as follows:

For Ratification (57)—Senators Aldrich, R.; Allen, P.; Allison, R.; Baker, R.; Burrows, R.; Butler, P.; Carter, R.; Chandler, R.; Clark, R.; Clay, D.; Cullom, R.; Davis, R.; Deboe, R.; Elkins, R.; Fairbanks, R.; Faulkner, D.; Frye, R.; Foraker, R.; Gallinger, R.; Gear, R.; Gray, D.; Hanna, R.; Hansbrough, R.; Harris, P.; Hawley, R.; Jones (Nev.), S.; Kenney, D.; Kyle, Ind.; Lindsay, D.; Lodge, R.; Mantle, R.; McBride, R.; McEnery, D.; McLaurin, D.; McMillan, R.; Mason, R.; Morgan, D.; Nelson, R.; Penrose, R.; Perkins, R.; Pettus, D.; Platt (N. Y.), R.; Platt (Conn.), R.; Pritchard, R.; Quay, R.; Ross, R.; Sewell, R.; Shoup, R.; Simon, R.; Spooner, R.; Stewart, S.; Sullivan, D.; Teller, S.; Thurston, R.; Warren, R.; Wellington, R.; Wolcott, R.

40 Republicans, 3 Populists, 10 Democrats, 3 Silver, 1 Independent.

Against Ratification (27)—Senators Bacon, D.; Bate, D.; Berry, D.; Caffery, D.; Chilton, D.; Cockrell, D.; Daniel, D.; Gorman, D.; Hale, R.; Heitfeld, P.; Hoar, R.; Jones (Ark.), D.; Mallory, D.; Martin, D.; Mills, D.; Mitchell, D.; Money, D.; Murphy, D.; Pasco, D.; Pettigrew, R.; Rawlins, D.; Roach, D.; Smith, D.; Tillman, D.; Turley, D.; Turner, P.; Vest, D.

22 Democrats, 3 Republicans, 2 Populists.

Pairs—Cannon and Proctor (Reps.) with White (Dem.) and Wetmore and Wilson (Reps.) with Turpie (Dem.).

The President signed the treaty February 10, and it was transmitted to Spain and received the signature of the Queen Regent March 17. The copy of the treaty belonging to the United States was received here early in April, and on April 11 following the official exchange of ratifications the President issued his proclamation of peace, which was in the following terms:

Whereas, A treaty of peace between the United States of America and Her Majesty the Queen Regent of Spain, in the name of her august son, Don Alfonso XIII, was concluded and signed by their respective plenipotentiaries at Paris on the tenth day of December, 1898, the original of which, in the Spanish language, is word for word as follows:

[Here text of treaty is included.]

And, Whereas, The said convention has been duly ratified on both parts, and the ratifications of the two Governments were exchanged in the city of Washington on the eleventh day of April, one thousand eight hundred and ninety-nine;

Now, therefore be it known, that I, William McKinley, President of the United States of America, have caused the said convention to be made public, to the end that the same and every article and clause thereof may be observed and fulfilled with good faith by the United States and the citizens thereof.

In witness whereof I have hereunto set my hand and caused the seal of the United States to be affixed.

Done at the city of Washington this eleventh day of April, in the year of our Lord one thousand eight hundred and ninety-nine, and of the independence of the United States the one hundred and twenty-third.

By the President: JOHN HAY, Secretary of State.

WILLIAM MCKINLEY.

DATES.—The Spanish-American War began April 21, 1898; Peace Protocol signed August 10, President appointed United States Peace Commissioners August 26; joint sessions of the United States and Spanish Commissioners began in Paris October 1; the treaty was signed by the Joint Commissioners December 10; transmitted to the Senate by the President January 4, 1899; ratified by the Senate February 6; signed by the President February 10; signed by the Queen Regent March 17; ratifications exchanged April 11.



## The Philippine Islands.

The Philippine group, lying off the southern coast of Asia, between longitude 120 and 130 and latitude 5 and 20 approximately, number about 2,000 islands, great and small, in a land and sea area of 1,200 miles of latitude and 2,400 miles of longitude. The actual land area is about 140,000 miles. The six New England States, New York, and New Jersey have about an equivalent area. The island of Luzon, on which the capital city (Manila) is situated, is the largest member of the group, being about the size of the State of New York. Mindanao is nearly as large, but its population is very much smaller. The latest estimates of areas of the largest islands are as follows: Luzon, 44,400; Mindanao, 34,000; Samar, 4,800; Panay, 4,700; Mindoro, 4,000; Leyte, 3,800; Negros, 3,300; Cebu, 2,400.

The estimates of population vary from 7,500,000 to 10,000,000. A conservative estimate is 8,000,000. The late Spanish masters had never caused a census to be taken, and, indeed, some parts of the islands are yet unexplored and inhabited by tribes nearly savage. Racially the inhabitants are principally Malays. The country has been in the possession of Spain since 1565, and the religion introduced by the proprietors has long been that of the natives. The church has been a strong ruling power and the priesthood numerous. There are thirty different races, all speaking a different dialect.

The following memoranda was prepared by Major-General F. V. Greene for the Government:

### CLIMATE.

The climate is one of the best known in the tropics. The islands extend from 5° to 21° north latitude, and Manila is in 14° 35'. The thermometer during July and August rarely goes below 79° or above 85°. The extreme ranges in a year are said to be 61° and 97°, and the annual mean 81°. There are three well-marked seasons, temperate and dry from November to February, hot and dry from March to May, and temperate and wet from June to October. The rainy season reaches its maximum in July and August, when the rains are constant and very heavy. The total rainfall has been as high as 114 inches in one year.

Yellow fever appears to be unknown. The diseases most fatal among the natives are cholera and small-pox, both of which are brought from China. Low malarial fever is brought on by sleeping on the ground or being chilled by remaining without exercise in wet clothes; and diarrhoea is produced by drinking bad water or eating excessive quantities of fruit. Almost all of these diseases are preventable by proper precautions even by troops in campaign. The sickness in our troops was very small, much less than in the cold fogs at camp in San Francisco.

### MINERAL WEALTH.

Very little is known concerning the mineral wealth of the islands. It is stated that there are deposits of coal, petroleum, iron, lead, sulphur, copper, and gold in the various islands, but little or nothing has been done to develop them. A few concessions have been granted for working mines, but the output is not large. The gold is reported on Luzon, coal and petroleum on Cebu and Iloilo, and sulphur on Leyte.

### AGRICULTURE.

Although agriculture is the chief occupation of the Filipinos, yet only one-ninth of the surface is under cultivation. The soil is very fertile, and even after deducting the mountainous areas it is probable that the area of cultivation can be very largely extended and that the islands can support population equal to that of Japan (42,000,000).

The chief products are rice, corn, hemp, sugar, tobacco, coconuts, and cacao. Coffee and cotton were formerly produced in large quantities—the former for export and the latter for home consumption; but the coffee plant has been almost exterminated by insects and the home-made cotton cloths have been driven out by the competition of those imported from England. The rice and corn are principally produced in Luzon and Mindoro and are consumed in the islands. The rice crop is about 765,000 tons. It is insufficient for the demand, and 45,000 tons of rice were imported in 1894, the greater portion from Saigon and the rest from Hong Kong and Singapore; also 8,669 tons (say 60,000 barrels) of flour, of which more than two-thirds came from China and less than one-third from the United States. The cacao is raised in the southern islands, the best quality of it at Mindanao. The sugar cane is raised in the Visayas. The crop yielded in 1894 about 235,000 tons of raw sugar, of which one-tenth was consumed in the islands, and the balance, or 210,000 tons, valued at \$11,000,000, was exported, the greater part to China, Great Britain, and Australia. The hemp is produced in Southern Luzon, Mindoro, the Visayas, and Mindanao. It is nearly all exported in bales. In 1894 the amount was 96,000 tons, valued at \$12,000,000. Tobacco is raised in all the islands, but the best quality and greatest amount in Luzon. A large amount is consumed in the islands, smoking being universal among women as well as the men, but the best quality is exported. The amount in 1894 was 7,000 tons of leaf tobacco, valued at \$1,750,000. Coconuts are grown in Southern Luzon and are used in various ways.

### IMPORTS AND EXPORTS.

The Bureau of Foreign Commerce of the State Department gives the following figures, partly for 1896 and partly for 1897:

| COUNTRIES.         | Imports from Philippines. | Exports to Philippines. | COUNTRIES.               | Imports from Philippines. | Exports to Philippines. |
|--------------------|---------------------------|-------------------------|--------------------------|---------------------------|-------------------------|
| Great Britain..... | \$6,223,426               | \$2,063,598             | India.....               | \$7,755                   | \$80,156                |
| France.....        | 1,930,297                 | 359,786                 | Straits Settlements..... | 274,130                   | 236,001                 |
| Germany.....       | 223,720                   | 774,923                 | New South Wales.....     | 119,550                   | 178,858                 |
| Belgium.....       | 272,240                   | 45,660                  | Victoria.....            | 120                       | 173,270                 |
| Spain.....         | 4,819,344                 | 4,973,589               | United States.....       | 4,383,740                 | 94,597                  |
| Japan.....         | 1,332,300                 | 82,823                  |                          |                           |                         |
| China.....         | 56,137                    | 97,717                  | Total.....               | \$19,702,819              | \$9,174,032             |

### THE PHILIPPINE WAR OF 1899.

February 4—The Filipinos, under Aguinaldo, attacked the American defences at Manila. The Americans assumed the offensive the next day, and in the fighting which ensued for several days the American loss was 57 killed and 215 wounded. Five hundred Filipinos were killed, 1,000 wounded, and 500 captured.

February 10—Battle of Calocan. In all the engagements which followed to the end of the year in a warfare largely desultory the Americans were almost uniformly successful, the enemy retreating after making a more or less determined stand.

March 13-19—General Wheaton attacked and occupied Pasig.

THE PHILIPPINE ISLANDS—*Continued.*

March 21-30—General MacArthur advanced toward and captured Malolos.  
 April 25-May 5—General MacArthur captured Calumpit and San Fernando.  
 April 22-May 17—General Lawton led an expedition to San Isidro.  
 June 10-19—Generals Lawton and Wheaton advanced south to Imus.  
 June 26—General Hall took Calamba.

Military operations were partially suspended during the rainy season, but General MacArthur captured Angeles August 16.

Meanwhile the southern islands were occupied by the American forces. Iloilo by General Miller February 11, Cebu by the Navy March 27, and Negros, Mindanao, and the smaller islands subsequently.

A treaty was concluded with the Sultan of Sulu, in which his rights were guaranteed, and he acknowledged the supremacy of the United States.

The Philippine Commission appointed by the President, and composed of President J. G. Schurman, of Cornell University; Professor Dean Worcester, Charles Denby, late Minister to China; Admiral Dewey, and General Otis, began its labors at Manila March 20 and continued until ordered home in September. The Commission prepared and submitted its preliminary report to the President at Washington November 2. The Commission issued a proclamation to the people of the Philippine Islands on April 4, the conditions of which were, in substance, as follows:

1. The supremacy of the United States must and will be enforced throughout every part of the archipelago, and those who resist can accomplish nothing except their own ruin.
2. The amplest liberty of self-government will be granted which is reconcilable with the just, stable, effective, and economical administration, and compatible with the sovereign rights and obligations of the United States.
3. The civil rights of the Filipinos will be guaranteed and protected, their religious freedom will be assured, and all will have equal standing before the law.
4. Honor, justice, and friendship forbid the exploitation of the people of the islands. The purpose of the American Government is the welfare and advancement of the Philippine people.
5. It guarantees an honest and effective civil service, in which, to the fullest extent practicable, natives shall be employed.
6. The collection and application of taxes and other revenues will be put upon a sound, honest, and economical basis. The public funds, raised justly and collected honestly, will be applied only to defraying the proper expenses of the establishment and maintenance of the Philippine Government, and such general improvements as public interests demand. Local funds collected for local purposes shall not be diverted to other ends. With such prudent and honest fiscal administration it is believed the needs of the Government will in a short time become compatible with a considerable reduction in taxation.
7. The establishment of a pure, speedy, and effective administration of justice, by which the evils of delay, corruption, and exploitation will be effectually eradicated.
8. The construction of roads, railroads, and other means of communication and transportation, and other public works of manifest advantage to the people, will be promoted.
9. Domestic and foreign trade and commerce and other industrial pursuits and the general development of the country in the interest of its inhabitants will be the constant object of solicitude and fostering care.
10. Effective provision will be made for the establishment of elementary schools, in which the children of the people will be educated. Appropriate facilities will also be provided for higher education.
11. Reforms in all departments of the Government, all branches of the public service, and all corporations closely touching the common life of the people must be undertaken without delay and effected conformably with common right and justice, in a way to satisfy the well-founded demands and the highest sentiments and aspirations of the Philippine people.

With the advance of the dry season military operations on a much larger scale than heretofore were begun, the army of occupation having been reinforced by 30,000 men.

September 23—General MacArthur, after several days' fighting, occupied Porac.

October 1-10—General Schwan's column operated in the south part of Luzon, and captured Rosario and Malabon.

November 7—A military expedition on board transports, under General Wheaton, captured Dagupan.

November 14—Major Bell entered Tarlac.

November 14—Brisk fighting near San Jacinto. Major John A. Logan was killed.

November 24—General Otis announced to the War Department that the whole of Central Luzon was in the hands of the United States authorities; that the President of the Filipino Congress, the Filipino Secretary of State, and Treasurer were captured, and that only small bands of the enemy were in arms, retreating in different directions, while Aguinaldo, a fugitive with a small escort, was being pursued toward the mountains.

November 26—The Navy captured Vigan on the coast.

December 11—The President directed General Otis to open the ports of the Philippines to commerce.

December 19—General Lawton was killed in attacking San Mateo.

## Military Resources of Europe in Able-Bodied Men.

| NATIONS.      | Population Capable of Bearing Arms.* | NATIONS.            | Population Capable of Bearing Arms.* | NATIONS.          | Population Capable of Bearing Arms.* |
|---------------|--------------------------------------|---------------------|--------------------------------------|-------------------|--------------------------------------|
| Austria ..... | 9,800,000                            | Great Britain†..... | 12,000,000                           | Russia‡ .....     | 22,000,000                           |
| Belgium ..... | 1,460,000                            | Greece .....        | 495,000                              | Spain .....       | 4,200,000                            |
| Denmark ..... | 490,000                              | Italy .....         | 7,500,000                            | Sweden & Norway   | 1,600,000                            |
| France .....  | 9,550,000                            | Netherlands .....   | 1,050,000                            | Switzerland ..... | 720,000                              |
| Germany ..... | 12,000,000                           | Portugal.....       | 1,170,000                            |                   |                                      |

\* Inclusive of persons engaged in the general and local civil administration, railroads, necessary tillers of the soil, and others who would not be spared to the field except as a last resort. † Great Britain includes Canada and Australia, but not other colonies or India. ‡ Russian population in Europe only is considered. Behind it are the hordes of Tartary and Central Asia.

## Executive Mansion Rules.

The Cabinet will meet Tuesdays and Fridays from 11 A. M. until 1 P. M.

Senators and Representatives will be received from 10 A. M. to 12 M., excepting on Cabinet days.

Visitors having business with the President will be admitted from 12 to 1 o'clock daily, excepting Cabinet days, so far as public business will permit.

The East Room will be open daily, Sundays excepted, for the inspection of visitors, between the hours of 10 A. M. and 2 P. M.

By direction of the President.

JOHN ADDISON PORTER,  
 Secretary to the President.

# The Colonial Possessions of the United States.

## THE PHILIPPINES AND TUTUILA.

For an account of the Philippine Islands see page 90. For Tutuila, the island of the Samoan group ceded to the United States, see page 97.

### HAWAII.

Hawaii was annexed to the United States by joint resolution of Congress July 6, 1898. A bill to create Hawaii a territory of the United States is before Congress. Meanwhile the old government continues. The text of the joint resolution of annexation was printed in THE WORLD ALMANAC for 1899, page 96.

The area of the several islands of the Hawaiian group is as follows: Hawaii, 4,210 square miles; Maui, 760; Oahu, 600; Kauai, 590; Molokai, 270; Lanai, 150; Niuhau, 97; Kahoolawe, 63. Total, 6,740 square miles.

At the time of the discovery of the islands by Captain Cook in 1778 the native population was about 200,000. This has steadily decreased, so that at the last census the natives numbered but 31,019, which was less than that of the Japanese and Chinese immigrants settled in the islands. A census taken early in 1897 revealed a total population of 109,020, distributed according to race as follows:

|                     | Males. | Females. | Total  |                 | Males. | Females. | Total. |
|---------------------|--------|----------|--------|-----------------|--------|----------|--------|
| Hawaiians.....      | 16,399 | 14,620   | 31,019 | Portuguese..... | 8,202  | 6,898    | 15,100 |
| Part Hawaiians..... | 4,249  | 4,236    | 8,485  | Americans.....  | 1,975  | 1,111    | 3,086  |
| Japanese.....       | 19,212 | 5,195    | 24,407 | British.....    | 1,406  | 844      | 2,250  |
| Chinese.....        | 19,167 | 2,449    | 21,616 |                 |        |          |        |

The remainder were Germans, French, Norwegians, South Sea Islanders, and representatives of other nationalities. The American population is 2.73 per cent of the whole.

There are 71 miles of railroad and about 250 miles of telegraph in the islands. Honolulu, the capital, with a population of 28,061, is lighted by electricity, and has most of the local features of an enterprising American city. The bulk of the business is done by Americans and Europeans.

Of sugar, of which it is said the Hawaiian Islands are much more productive in a given area than those of the West Indies, the exportation was 520,158,232 pounds in 1897. Of coffee, the exportation was 337,158 pounds in 1897; of rice, the exportation was 5,499,499 pounds in 1897. In the matter of imports, nearly all of the necessities of life, aside from sugar, fruits, and vegetables, are imported, the products of the United States being given the preference in nearly all cases.

### PORTO RICO.

The island of Porto Rico, over which the flag of the United States was raised in token of formal possession on October 18, 1898, is the most eastern of the Greater Antilles in the West Indies and is separated on the east from the Danish island of St. Thomas by a distance of about fifty miles, and from Hayti on the west by the Mona passage, seventy miles wide. Distances from San Juan, the capital, to important points are as follows: New York, 1,420 miles; Charleston, S. C., 1,200 miles; Key West, Fla., 1,050 miles; Havana, 1,000 miles.

The island is a parallelogram in general outline, 108 miles from the east to the west, and from 37 to 43 miles across, the area being about 3,600 square miles, or somewhat less than half that of the State of New Jersey (Delaware has 2,050 square miles and Connecticut 4,990 square miles). The population according to an enumeration made in 1887 was 798,565, of whom 474,933 were whites, 246,647 mulattoes, and 76,905 negroes. The present estimated population is 900,000.

Porto Rico is unusually fertile, and its dominant industries are agriculture and lumbering. In elevated regions the vegetation is temperate, the temperate zone is not unknown. There are more than 500 varieties of trees found in the forests, and the plains are full of palm, orange, and other trees. The principal crops are sugar, coffee, tobacco, cotton, and maize, but bananas, rice, pineapples, and many other fruits are important products. The largest article of export from Porto Rico is coffee, which is over 63 per cent of the whole. The next largest is sugar, 28 per cent. The other exports in order of amount are tobacco, honey, molasses, cattle, timber, and hides.

The principal minerals found in Porto Rico are gold, carbonates, and sulphides of copper and magnetic oxide of iron in large quantities. Lignite is found at Utuado and Moca, and also yellow amber. A large variety of marbles, limestones, and other building stones are deposited on the island, but these resources are very undeveloped. There are salt works at Guanica and Salinae on the south coast, and at Cape Rojo on the west, and these constitute the principal mineral industry in Porto Rico.

There are 137 miles of railway, with 170 miles under construction, and 470 miles of telegraph lines. These connect the capital with the principal ports south and west. Submarine cables run from San Juan to St. Thomas and Jamaica. The principal cities are Ponce, 40,000 inhabitants; Arecibo with 30,000, and San Juan, the capital, with 25,000.

At present Porto Rico is governed as a military department of the United States.

### GUAM.

The island of Guam, the largest of the Mariana or Ladrone Archipelago, was ceded by Spain to the United States by Article 2 of the Treaty of Peace, concluded at Paris December 10, 1898. It lies in a direct line from San Francisco to the southern part of the Philippines, and is 5,200 miles from San Francisco, and 900 miles from Manila. It is about 32 miles long and 100 miles in circumference, and has a population of about 9,000, of whom about 6,000 are in Agana, the capital. The inhabitants are mostly immigrants or descendants of immigrants from the Philippines, the original race of the Ladrone Islands being extinct. The prevailing language is Spanish. Nine-tenths of the islanders can read and write. The island is thickly wooded, well watered and fertile, and possesses an excellent harbor.

Commander Taussig, of the United States gunboat Bennington, took possession of the island and raised the United States flag over Fort Santa Cruz on February 1, 1899. The President appointed Captain Richard P. Leary, U. S. Navy, Governor of Guam, and he arrived there in July, 1899, and issued a proclamation to the inhabitants announcing the establishment of the authority of the United States, which would be exerted for the security of their persons and property and the confirmation of all their private rights.

The United States flag was hoisted over Wake Island in February, 1899, by Commander Taussig, of the Bennington, while proceeding to Guam. It is a small island in the direct route from Hawaii to Hong Kong, about 2,000 miles from the first, and 3,000 miles from the second.

## The South African War.

### THE COUNTRIES AND COLONIES INVOLVED IN THE WAR.

#### THE BOER REPUBLICS.

THE two Boer republics of South Africa lie in the southern part of Africa, directly north of Cape Colony, and nearly surrounded by British territory, which stretches along their entire western and northern boundaries and occupies one-half of the space between their eastern boundary and the Indian Ocean, while the other half is occupied by the territory of Portuguese East Africa. Their territory is thus entirely in the interior, having no port on the ocean, although the distance from their eastern boundary to the Indian Ocean is less than 200 miles. They were originally populated by Dutch residents of Cape Colony and Natal who became dissatisfied with British rule.

#### ORANGE FREE STATE.

The Orange Free State is the older of the two organizations, having been founded originally by Boers who quitted Cape Colony in 1836.

The area of the Orange Free State is estimated at 48,326 square miles, and the population, according to the census of 1890, 77,716 whites and 129,787 natives. The chief industry is agriculture and stock raising, the territory consisting of undulating plains, which afford excellent grazing. Diamond and gold mines are worked, the diamond production being of considerable value. The great Kimberley diamond mines are located just outside and west of the territory of the Orange Free State. A railway, constructed by the Cape Colony Government, connects Bloemfontein, the capital of the Orange Free State, with the ports of Cape Colony and Natal, also with the capital of the South African Republic, which lies at the north.

#### SOUTH AFRICAN REPUBLIC.

The South African Republic, or the Transvaal, as it is frequently termed, lies immediately north of the Orange Free State, and was formed by a party of Boers who left Cape Colony in 1835 for Natal, but withdrew from that colony on its annexation to the British Crown.

The area of the republic is 119,139 square miles; the white population, estimated, for 1898, is 345,397, and the native population, 748,759. The seat of government is Pretoria, with a white population of 10,000. The largest town is Johannesburg, the mining centre of Witwatersrand gold fields, having a population within a radius of three miles, according to the census of 1896, of 102,078 persons, of which number 50,907 were whites, 952 Malays, 4,807 coolies and Chinese, 42,533 Kaffirs, and 2,879 of mixed race. One-third of the population of the republic is estimated to be engaged in agriculture, the lands of the republic generally, outside the mining districts, being extremely productive, and the demand for farm products in the mining regions very great, even in excess of the local products at the present time. The gold mines are now the most productive in the world, and have already turned out gold to the value of more than \$300,000,000, and, according to the estimate of experts, have still \$3,500,000,000 "in sight." The republic is connected with the ports of Cape Colony, Natal, and Lorenzo Marquez (the latter in Portuguese East Africa) by rail.

#### CAPE COLONY.

Cape Colony, which occupies the most southerly part of Africa, came under British control in 1796. It was originally a colony of Holland and was conquered by the British in war with that country in 1796, was restored to the Dutch in 1803, again occupied by the British in 1806 and formally ceded by treaty to Great Britain in 1814, forming a part of the whole of South Africa which has been claimed by the British as their territory under the treaty.

The area of Cape Colony is variously stated at from 277,000 to 292,000 square miles, the length from north to south being nearly 600 miles and the breadth about 450 miles, though this statement of area and length includes British Bechuanaland, which was incorporated with Cape Colony in 1895, and whose area alone was 51,425 square miles. The total population of the colony is now given as 2,011,305, of which number about 400,000 are white the greater number being of Dutch descent. The principal events since the British came finally into control are: The first Kaffir war, in 1834; the removal of a portion of the Boers to Natal and the Orange Free State, in 1836; the second Kaffir war, in 1847; introduction of representative government, in 1853; first diamond discovery, in 1867; introduction of responsible government, in 1872; incorporation of Transkei territories with the colony, in 1885; annexation of Pondoland, in 1894; and annexation of Bechuanaland, in 1895. The minerals include extremely rich deposits of copper, yielding a percentage of from 32 to 36 per cent, the exports of 1887 amounting to 27,329 tons, valued in round terms at \$1,500,000. Coal of considerable value is also produced. The most valuable mineral product, however, is that of diamonds, already referred to, which are chiefly found at Kimberley, which lies well at the north of Cape Colony territory and immediately adjacent to the territory of the Orange Free State. The total exportation of rough diamonds from Cape Colony from 1867 to 1897 is stated as £83,311,087. These mines employ large numbers of people, the importation of articles required by them and the exportation of products of the mines mostly passing through Cape Town, the chief city of the colony.

#### NATAL.

The British colony of Natal lies northeast of Cape Colony and was settled by the Dutch. Great Britain claimed the territory and took military possession of it in 1843. Including Zululand the colony has an estimated area of 35,000 square miles and had a population in 1898 of 829,000, of which 61,000 are Europeans. The principal crop for export is sugar, though quantities of corn, wheat, oats, and other cereals are grown, while tea planting, which has been recently introduced, occupies 2,664 acres, the yield for 1897 being 849,000 pounds. The coal fields of the colony are of large extent and of considerable importance, the output in 1897 being 244,000 tons. Large forests of valuable timber abound.

The railroads in operation are 487 miles in length, and are all constructed and operated by the Government. The main line extends from the port of Durban to Pietermaritzburg, the capital, and thence to the border of the South African Republic, 307 miles distant from the port of Durban (Port Natal), with an extension from the border of Johannesburg, the centre of the great gold-mining interests, and Pretoria, the capital of the South African Republic, and from Pretoria a railroad line also extends eastward to Lorenzo Marquez on Delagoa Bay, in Portuguese territory.

The province of Zululand, which is now a part of Natal, comprises about two-thirds of the country formerly under Zulu kings, and is chiefly populated by natives. The population of Zululand and British Anatonaland is given as 180,000.



**RAILWAY DISTANCES IN SOUTH AFRICA.**

|                     | Miles. |                     | Miles. |                       | Miles. |
|---------------------|--------|---------------------|--------|-----------------------|--------|
| CAPE TOWN to        |        | Johannesburg.....   | 1,014  | Pretoria.....         | 740    |
| De Aar.....         | 501    | Pretoria.....       | 1,040  | DURBAN to             |        |
| Kimberley.....      | 647    | DELAGOA BAY to      |        | Pietermaritzburg..... | 70     |
| Vryburg.....        | 774    | Komati Poort.....   | 58     | Ladysmith.....        | 189    |
| Mafeking.....       | 870    | Pretoria.....       | 349    | Harrismith.....       | 249    |
| Ramatshlabama.....  | 882    | Johannesburg.....   | 395    | Glencoe.....          | 231    |
| Paipye.....         | 1,133  | PORT ELIZABETH to   |        | Newcastle.....        | 268    |
| Buitewooy.....      | 1,361  | Naauwpoort.....     | 270    | Lang's Nek.....       | 301    |
| Naauwpoort.....     | 570    | Norval's Pont.....  | 328    | Charlestown.....      | 304    |
| Norval's Pont.....  | 628    | Bloemfontein.....   | 450    | Volksrust.....        | 308    |
| Bloemfontein.....   | 750    | Vilhoens Drift..... | 659    | Johannesburg.....     | 483    |
| Vilhoens Drift..... | 959    | Johannesburg.....   | 714    | Pretoria.....         | 511    |

## THE SOUTH AFRICAN WAR—Continued.

## EVENTS IN THE WAR TO DECEMBER 15, 1899.

May 31, 1899—A conference between Sir Alfred Milner, Governor of Cape Colony, and the Presidents of the Dutch Republics was held at Bloemfontein, in which terms for the adjustment of the claims of the Outlanders were discussed, but no agreement was reached.

June 1-October 10—Negotiations proceeded between the Governments of Great Britain and the Transvaal, while the Legislature of the latter adopted laws regarding the franchise which were not acceptable to the former. Meanwhile both countries prepared energetically for war, and the Orange Free State announced its determination to support the Transvaal in case of hostilities.

October 10—The Transvaal sent the following ultimatum to the British Government:

First—That all points of mutual difference be regulated by friendly recourse to arbitration, or by whatever amicable way may be agreed upon by this Government and Her Majesty's Government.

Second—That all troops on the borders of this Republic shall be instantly withdrawn.

Third—That all reinforcements of troops which have arrived in South Africa since June 1, 1899, shall be removed from South Africa within a reasonable time to be agreed upon with this Government and with the mutual assurance and guarantee on the part of this Government that no attack upon or hostilities against any portion of the possessions of the British Government shall be made by this Republic during the further negotiations, within a period of time to be subsequently agreed upon between the Governments; and this Government will, on compliance therewith be prepared to withdraw the armed burghers of this Republic from the borders.

Fourth—That Her Majesty's troops which are now on the high seas shall not be landed in any part of South Africa.

This Government presses for an immediate and affirmative answer to these four questions and earnestly requests Her Majesty's Government to return an answer before or upon Wednesday, October 11, 1899, not later than 5 o'clock p. m.

It desires further to add that in the unexpected event of an answer not satisfactory being received by it within the interval, it will with great regret be compelled to regard the action of Her Majesty's Government as a formal declaration of war and will not hold itself responsible for the consequences thereof, and that, in the event of any further movement of troops occurring within the above-mentioned time in a nearer direction to our borders, this Government will be compelled to regard that also as a formal declaration of war.

October 12—The British reply being unsatisfactory the Transvaal Boers invaded Natal, advancing toward Newcastle, where the British under Generals White and Symons were on the defensive.

October 13—The British evacuated Newcastle and fell back on Ladysmith, where there was a strong British force.

October 20—The siege of Kimberley by the Boers began.

October 20—Battle of Dundee in Natal, in which the British repulsed the Boers; British loss, 215 in killed and wounded.

October 21—Battle of Elandslaagte; General French captured the Boers' position; British loss in killed and wounded, 257.

October 24—General White repulsed a Free State force at Rietfontein, near Ladysmith.

October 29—The siege of Ladysmith by the Boers began.

October 30—In a sortie near Ladysmith the British were entrapped and defeated, and the Boers captured 870 prisoners.

November 2—Communication with Ladysmith was cut off by the Boers.

November 3—The British evacuated Colenso in Natal.

November 6—The Boers shelled Mafeking, and an attack on the British position was repulsed.

November 9—The first British transport carrying re-enforcements reached Cape Town and proceeded to Durban.

November 16—A British armored train near Eastcourt, Natal, was wrecked by Boers, and 56 prisoners, including Winston Churchill, were captured.

November 23—Near Gras Pan Lord Methuen attacked the Boers and drove them from their position.

November 26—Battle of Modder River, a sanguinary British victory.

December 10—The British under General Gatacre were led into a Boer ambush near Stormberg Junction, and lost 1,000 men, including 672 captured.

December 10-11—Lord Methuen failed to take the Boer positions at Spytfontein after desperate fighting and lost heavily. General Wauchope being killed.

December 15—General Buller was severely defeated while attempting to force the Tugela River, near Colenso; his loss was over 1,000 men and eleven guns. British losses to date in killed, wounded, and missing, 7,630.

**The Anglo-American League.**

The Anglo-American League was organized by British gentlemen at a meeting held at Stafford House, London, July 13, 1898, the Duke of Sutherland presiding. The avowed purpose of the League is the promotion of friendly feeling between the two English-speaking peoples, those of the United States and the British Empire. The League is not political in its aims, and does not contemplate the advocacy of a political alliance. The following Executive Committee was appointed at the meeting:

The Right Hon. James Bryce, M. P., Chairman; the Duke of Sutherland, Honorary Treasurer; the Earl of Jersey, Earl Grey, the Earl of Crewe, Lord Coleridge, Horace Plunkett, M. P.; Sir Stafford Northcote, Bart., M. P.; Sir William Holdsworth, Bart., M. P.; Thomas Burt, M. P.; John E. Ellis, M. P.; Percy W. Bunting, H. W. Massingham, Alfred C. Harmsworth, George Wyndham, M. P.; E. J. C. Morton, M. P.; Sir David Dale, Bart.; Sir Walter Besant, Sir W. Martin Conway, Thomas H. Ismay, Rev. C. A. Berry, D. D.; Professor J. Westlake, Professor A. V. Dicey, W. T. Stead, T. Fisher Unwin (with power to add to their number). The temporary offices are at 6 King's Bench Walk Temple, E. C., London.

The American response to the action of the League appears in the following declaration which was signed in August, 1898, by numerous citizens of the United States:

We, citizens of the United States of America, desire to express our most hearty appreciation of the recent demonstrations of sympathy and fellowship with this country on the part of citizens of the various countries comprised in the British Empire. We earnestly reciprocate these sentiments, recognizing as we do that the same language and the same principles of ordered liberty should form the basis of an intimate and enduring friendship between these kindred peoples—a friendship destined to hasten the day of peace and good-will among all the nations of the earth.

The promoters of the declaration were the following gentlemen:

Whitelaw Reid, Rev. Lyman Abbott, D. D.; James W. Alexander, Charles C. Beaman, John L. Cadwalader, ex-Secretary John G. Carlisle, John Clafin, Archbishop M. A. Corrigan, Frederic R. Coudert, William E. Dodge, Elbridge T. Gerry, Richard Watson Gilder, Abram S. Hewitt, Thomas L. James, Daniel S. Lamont, Seth Low, Frank D. Pavey, Bishop Henry C. Potter, George L. Rives, Carl Schurz, Edmund C. Stedman, Gen. Wager Swayne, J. Kennedy Tod, Benjamin F. Tracy, Cornelius Vanderbilt, William C. Whitney, D. O. Eshbaugh, Secretary, 32 Nassau Street, New York.

## The Samoan Settlement.

It was officially announced at Berlin and London on November 8, 1899, that an agreement, subject to the approval of the United States, had been concluded between Great Britain and Germany, by virtue of which the Samoan act was repealed, and the islands of Upolu, Savaii, and the small adjacent islands went to Germany as free property, and the island of Tutuila and its subsidiary islands to the United States. Great Britain renounced any claim to the Samoan Islands, and Germany, in turn, renounced any claim to the Tonga Islands and to Savage Island in favor of Great Britain, and also ceded Choiseul and San Isabel, the two easterly islands of the Solomon group, with their insular surroundings, to Great Britain.

The consular representatives of the two powers in Samoa and the Tonga Islands were to be withdrawn for the present, and German subjects were to have the same rights as British subjects in regard to free and unimpeded enlistment of native laborers in the whole of the Solomon group in the possession of Great Britain, including Choiseul and San Isabel.

A further agreement concluded between Germany, Great Britain, and the United States was to the effect that the question of compensation for claims for damages during the late trouble was to be submitted to an imperial court of arbitration, which will decide all claims. King Oscar of Sweden and Norway was selected as the arbitrator. The treaty is subject to ratification by the United States Senate.

### TUTUILA AND THE HARBOR OF PAGO-PAGO.

Tutuila, the Samoan island which, with its attendant islets, becomes a possession of the United States, in case the tri-partite treaty is ratified by the Senate, covers, according to the Bureau of Statistics of the Treasury Department, fifty-four square miles, and has 4,000 inhabitants. It possesses the most valuable island harbor, Pago-Pago, in the South Pacific, and perhaps in the entire Pacific Ocean. Commercially the island is unimportant at present, but it is extremely valuable in its relation to the commerce of any nation desiring to cultivate transpacific commerce. Mr. Goward, who was sent by the United States Government to arrange for a treaty for the harbor of Pago-Pago, said:

The capacity of this harbor is sufficient for the accommodation of large fleets; landlocked, it is safe from hurricanes and storms, and could easily be defended from land or sea at a small expense. In a naval point of view it is the key position to the Samoan group, and likewise to Central Polynesia, and is especially located for protection of American commerce. The Samoan Archipelago is, by reason of its geographical position in Central Polynesia, lying in the course of vessels from San Francisco to Auckland, from Panama to Sydney, and from Valparaiso to China and Japan, and from being outside the hurricane track, the most valuable group in the South Pacific. Situated half way between Honolulu and Auckland, Pago-Pago would be a most convenient stopping place or coaling station for vessels or steamers, either for supplies or the exchange of commodities. With the Pacific mail steamers making it a port for coaling, it would necessarily become the controlling commercial place in that part of Polynesia.

Ex-Chief Justice Chambers, of Samoa, says of Pago-Pago that "The harbor could hold the entire naval force of the United States, and is so perfectly arranged that only two vessels can enter at the same time. The coaling station being surrounded by high bluffs cannot be reached by shells from outside."

The Samoan Islands in the South Pacific are fourteen in number, and lie in a direct line drawn from San Francisco to Auckland, New Zealand. They are 4,000 miles from San Francisco, 2,200 miles from Hawaii, 1,900 miles from Auckland, 2,000 miles from Sydney, and 4,200 miles from Manila. The inhabitants, numbering 34,000, are native Polynesians and Christians of different denominations. There are about 500 Europeans resident in the islands. Schools are attached to the churches. Apia, on the island of Upolu, has been the capital.

In 1889 Great Britain, Germany, and the United States signed an act as protectors of the island, but recognizing the independence of the Samoan Government, and the right of the natives to elect their chief or king, and to choose a form of Government according to their own laws and customs. A supreme court was established, consisting of one judge, and this court had jurisdiction in all civil suits concerning property, and all suits between foreigners and natives. The troubles in Samoa which have disturbed the island for several years have arisen from trade rivalry among the foreigners, and the claims of rival chieftains among the natives for the kingship. In 1898 Mataafa and Mahetoa Tanu were at war, and in a battle in January, 1899, the latter was overthrown. He was, however, supported by the Americans and British, and in the course of subsequent events their naval forces were brought in conflict with Mataafa and his followers, and there was one battle in April in which officers and men of both forces lost their lives. The German officials and residents were favorable to Mataafa.

In June, 1899, the three signatory powers appointed a commission to proceed to Samoa and adjust the difficulties there. The High Commissioners appointed were Bartlett Tripp on the part of the United States, C. N. E. Elliott on that of Great Britain, and H. Sternberg on that of Germany. At Apia July 25 a treaty was signed by the commission which abolished the kingship and established a government composed of an administrator to be chosen by a disinterested power, who would be assisted by a council of delegates from the three signatory powers, and to this government a liberal measure of authority was given. Pending the ratification of this arrangement by the United States, Great Britain, and Germany, those powers concluded the agreement by which the Samoan group, with the exception of Tutuila, became German territory, Tutuila the property of the United States, and Great Britain withdrew from all territorial interest, receiving compensation from Germany elsewhere.

## The United States Light-House Establishment.

The following are the members of the Light-House Board:

Hon. Lyman J. Gage, Secretary of the Treasury and *ex officio* President of the Board, Washington, D. C.  
Commodore Francis J. Higginson, U. S. Navy, Chairman Washington, D. C.  
Colonel Walter S. Franklin, Baltimore, Md.  
Dr. Henry S. Pritchett, Superintendent U. S. Coast and Geodetic Survey, Washington D. C.  
Colonel George L. Gillespie, Corps of Engineers, U. S. Army, New York City.  
Captain Yates Stirling, U. S. Navy, Washington D. C.  
Lieutenant Colonel A. Mackenzie, Corps of Engineers, U. S. Army Washington, D. C.  
Captain Thomas Perry, U. S. Navy, Naval Secretary, Washington, D. C.  
Major R. L. Hoxie, Corps of Engineers, U. S. Army, Engineer Secretary Washington, D. C.

At the close of the fiscal year there were under the control of the Light-House Establishment: Light-houses and lighted beacons, 1,739; light-vessels in position 46; light-vessels for relief, 7; electric and gas buoys in position, 78; fog-signals operated by steam or hot air, 160; fog-signals operated by clock-work, 217; post-lights on Western rivers, 141; day or unlighted beacons 475; whistling-buoys in position, 70; bell-buoys in position 116.

## The Universal Peace Conference of 1899.

THE Rescript of the Emperor of Russia, proposing an international conference to consider terms of universal and permanent peace throughout the world, was printed in THE WORLD ALMANAC for 1899, page 106.

The Peace Conference assembled at The Hague, Netherlands, May 18, 1899, and continued in session until the day of final adjournment, July 29, 1899.

The following were the nations represented at the Conference at its opening, with the names of their delegates:

*Austria-Hungary.*—Count von Welsersheimb, First Secretary of the Austrian Foreign Office, Ambassador Extraordinary; M. Okolicsanyó Okalicon, Minister at the Court of The Hague; Court and Ministerial Councillor Mőrey.

*Belgium.*—M. Beernaert, Minister for Foreign Affairs; Chevalier Descamp-David, Senator; Count de Grelle-Rogier, Minister at The Hague.

*China.*—Yang Yu, Minister at the Court of St. Petersburg.

*Denmark.*—Fr. E. de Bille, Minister at the Court of St. James; Col. Van Schnack, a former Minister of War.

*France.*—M. Bourgeois, a former Premier; M. Bihourd, Minister at The Hague; Baron Estournelles de Constant, Deputy; Vice-Admiral Pephan; Brig.-Gen. Mounier; Louis Renault, Professor of Law.

*Germany.*—Count Münster, Ambassador at Paris; Baron von Stengel, of the Munich University; Prof. Dr. Zorn, of the University of Königsberg; Capt. Siegel, Naval Attaché at the German Embassy in Paris; Col. Gross von Schwarzhoff, commanding the Ninety-fourth Regiment of Infantry.

*Great Britain.*—The Right Hon. Sir Julian Pauncefote, Her Majesty's Ambassador at Washington; Sir Henry Howard, Minister at The Hague; Vice-Admiral Sir John Fisher; Major-Gen. Sir John Ardagh.

*Italy.*—Count Nigra, Minister at the Court of Vienna; Count Zernini, Minister at The Hague; Gen. Zuccari; Capt. Bianca, of the navy.

*Japan.*—Baron Hayashi, Minister at the Court of St. Petersburg; Col. Uyehara; Capt. Sakamoto, of the navy; J. Monoto, Ambassador at Brussels.

*Netherlands.*—Sir A. P. C. van Karnebeck, a former Foreign Minister and Deputy; Major-Gen. den Beer Poortugael, Privy Councillor, a former War Minister; Prof. Asser, Privy Councillor, and M. E. N. Rabusen, member of the Upper House.

*Norway and Sweden.*—Baron Bildt, Minister at the Court of Rome.

*Persia.*—Gen. Mirza Riza-Khan, Minister at the Court of St. Petersburg.

*Portugal.*—Count de Macedo, Minister at Madrid; Angostino d'Ornellas, Minister at St. Petersburg; Count de Selir, Minister at The Hague.

*Roumania.*—M. Al Beldiman, Ambassador at the Court of Berlin; M. T. Papinin, Minister at The Hague; Col. C. Coanda.

*Russia.*—Baron de Staal, Col. Jilinsky, Col. Count Barantzew, Capt. Scheine, of the navy; Lieut. Outchinnekow, of the navy; Prof. de Martens.

*Servia.*—M. Myatovitch, Minister in London.

*Siam.*—Phya Suriya, Ambassador; Dr. Ch. Corragioni d'Orelli, Secretary of Legation; M. E. Rolin, Consul-General in Belgium.

*Spain.*—The Duke de Tetuan, M. de Villa Urrutia, Ambassador at Brussels; M. de Bageur, Minister at The Hague.

*Switzerland.*—Dr. S. Roth, Minister at the Court of Berlin; Col. A. Kuzli and M. E. Odier, both members of the National Council.

*Turkey.*—Turkhan Pasha, Privy Councillor; Nourey Bey, Secretary-General of the Foreign Office; Abdulla Pasha, Lieutenant-General; Rear-Admiral Mehemed Pasha.

*United States of America.*—Seth Low, President of Columbia University; Andrew D. White, Ambassador at Berlin; Stanford Newel, Minister at The Hague; Capt. William Crozier, of the Ordnance Department, U. S. A.; Capt. A. T. Mahan, of the navy, and Frederick Hollis as Secretary.

Subsequently delegates also appeared at the Conference from Greece, Luxembourg, Montenegro, Bulgaria, and Mexico, making the total number of countries represented twenty-six.

The work of the Conference had been previously outlined by the Russian Minister of Foreign Affairs, Count Muravieff, as follows:

1. An understanding not to increase for a fixed period the present effective of the armed military and naval forces, and at the same time not to increase the budgets pertaining thereto; a preliminary examination of the means by which a reduction might even be effected in future in the forces and budgets above mentioned.

2. To prohibit the use in the armies and fleets of any new kind of firearms whatever, and of new explosives, or any powders more powerful than those now in use either for rifles or cannon.

3. To restrict the use in military warfare of the formidable explosives already existing, and to prohibit the throwing of projectiles or explosives of any kind from balloons or by any similar means.

4. To prohibit the use in naval warfare of submarine torpedo boats or plungers, or other similar engines of destruction; to give an undertaking not to construct vessels with rams in the future.

5. To apply to naval warfare the stipulations of the Geneva Convention of 1864, on the basis of the articles added to the Convention of 1868.

6. To neutralize ships and boats employed in saving those overboard during or after an engagement.

7. To revise the declaration concerning the laws and customs of war elaborated in 1864 by the Conference of Brussels, which has remained unratified to the present day.

8. To accept in principle the employment of the good offices of mediation and facultative arbitration in cases lending themselves thereto, with the object of preventing armed conflicts between nations; an understanding with respect to the mode of applying these good offices, and the establishment of a uniform practice in using them.

It is well understood that all questions concerning the political relations of States and the order of things established by treaties, as generally all questions which do not directly fall within the programme adopted by the Cabinets, must be absolutely excluded from the deliberations of the Conference.

The Conference was opened by Queen Wilhelmina, as hostess, and Baron de Staal as the representative of the Emperor of Russia and as President of the Conference made a formal statement of its business. Three committees were constituted: 1. On Armaments; 2. On Rules of War; 3. On Arbitration. These were subsequently divided into sections to which separate subjects were referred.

On following days presidents and vice-presidents of the committees were chosen. The sections met and considered their subjects and reported to the committees. These in turn accepted or rejected the results of the sections and reported to the Conference, which acted upon their conclusions.

### THE RESULTS.

In reference to armaments, the opinion of the Conference was expressed in the following words: "The Conference considers that the limitation of military charges, weighing upon the world at the present time, is greatly to be desired in the interest of an increase of the material and moral welfare



of humanity," and also, "The Conference is of the opinion that the governments—taking into account the propositions made in this Conference—should make a study of the possibility of an agreement concerning the limitation of armed forces on land and sea and of naval budgets."

In the revision of the Laws of War, the following results, among others, were reached: The absolute prohibition of pillage and of the destruction or confiscation of works of art; an elaborate and humane system of regulations concerning the rights, duties, and privileges of prisoners of war; the extension of the Geneva Red Cross rules to naval warfare; the adoption and extension of the laws formulated by the Brussels Conference for the conduct of land warfare.

The proposition of the American delegates that private property, not contraband of war, shall be excepted from capture on the high seas, was not adopted by the Conference. The prohibition of the use of asphyxiating shells and expanding bullets in war was voted for by all the nations except the United States and Great Britain (Portugal abstaining from voting), and, therefore, was not adopted.

#### THE COURT OF ARBITRATION.

The most important achievement of the Conference was based on the report of the third committee, which was accepted by the Conference after several modifications—a treaty which, when ratified by the Senate of the United States, constitutes and establishes a court for the arbitration of disputes between nations.

The Arbitration Treaty consists of sixty-one articles, divided into four titles: First, On the Maintenance of General Peace, consisting of one declaratory article; second, On Good Offices and Mediation; third, On International Commissions of Inquiry; fourth, On International Arbitration.

The following is a summary of the treaty:

Article 1.—With the object of preventing, as far as possible, recourse to force in international relations, the signatory powers agree to use all endeavors to effect by pacific means a settlement of the differences which may arise among them.

Article 2.—The signatory powers decide that in cases of serious differences or conflict they will, before appealing to arms, have recourse, so far as circumstances permit, to the good offices or mediation of one or several friendly powers.

Article 3.—Independently of this, the signatory powers deem it useful that several of the powers not committed to the arbitration scheme shall, on their own initiative, offer, as far as circumstances permit, their good offices or mediation to the contending States. The right of offering their good offices belongs to powers not connected with the conflict, even during the course of hostilities, which act can never be regarded as an unfriendly act.

Article 4.—The part of mediator consists in reconciling conflicting claims and appeasing resentment which may have arisen between contending States.

Article 5.—The functions of mediator cease from the moment it may be stated by one of the contending parties, or by the mediator himself, that the compromise or basis of an amicable understanding proposed by him has not been accepted.

Article 6.—Good offices and mediation have the exclusive character of counsel, and are devoid of obligatory force.

Article 7.—The acceptance of mediation, unless otherwise stipulated, may have the effect of interrupting the obligation of preparing for war. If the acceptance supervenes after the opening of hostilities it shall not interrupt, unless by a convention of a contrary tenor, military operations that may be proceeding.

Article 8.—The signatory powers agree in recommending the application of special mediation in the event of threatened interruption of peace between members. Contending States may each choose a power to which they will intrust the mission of entering into a negotiation with a power chosen by the other side with the object of preventing a rupture of pacific relations, or, in the event of hostilities, of restoring peace.

Articles 9 to 14 provide for the institution of an international Commission of Inquiry for the verification of facts in cases of minor disputes not affecting the vital interest or honor of States, but impossible of settlement by ordinary diplomacy. The report of an Inquiry Commission will not force an arbitral judgment, leaving the contending parties full liberty to either conclude an amicable arrangement on the basis of the report or have recourse ulteriorly to mediation or arbitration.

Articles 15 to 19 set forth the general object of and benefits it is hoped to derive from the arbitration court, and declare that signing the convention implies an undertaking to submit in good faith to arbitral judgment. The summary of the proposed treaty continues:

Article 20.—With the object of facilitating an immediate recourse to arbitration for international differences not regulated by diplomatic means the signatory powers undertake to organize in the following manner a permanent Court of Arbitration, accessible at all times and exercising its functions, unless otherwise stipulated, between the contending parties in conformity with the rules of procedure inserted in the present convention.

Article 21.—This court is to have competency in all arbitration cases, unless the contending parties come to an understanding for the establishment of special arbitration jurisdiction.

Article 22.—An international bureau established at The Hague and placed under the direction of a permanent Secretary-General will serve as the office of the court. It will be the intermediary for communications concerning meetings. The court is to have the custody of archives and the management of all administrative affairs.

Article 23.—Each of the signatory powers shall appoint within three months of the ratification of the present article not more than four persons of recognized competence in questions of international law, enjoying the highest moral consideration, and prepared to accept the functions of arbitrator. The persons thus nominated will be entered as members of the court on a list, which will be communicated by the bureau to all the signatory powers. Any modification of the list will be brought by the bureau to the knowledge of the signatory powers. Two or more powers may agree together regarding the nomination of one or more members, and the same person may be chosen by different powers. Members of the court are to be appointed for the term of six years. The appointments are renewable. In case of the death or resignation of a member of the court, the vacancy is to be filled in accordance with the regulations made for the original nomination.

Article 24.—The signatory powers who desire to apply to the court for a settlement of differences shall select from the general list a number of arbitrators, to be fixed by agreement. They will notify the bureau of their intention of applying to the court, and give the names of the arbitrators they may have selected. In the absence of a convention to the contrary an arbitral tribunal is to be constituted in accordance with the rules of Article 1. Arbitrators thus nominated to form an arbitral tribunal for a matter or question will meet on the date fixed by the contending parties.

Article 25.—The tribunal will usually sit at The Hague, but may sit elsewhere by consent of the contending parties.

Article 26.—The powers not signing the convention may apply to the court under the conditions prescribed by the present convention.

Article 27.—The signatory powers may consider it their duty to call attention to the existence of the permanent court to any of their friends between whom a conflict is threatening, which must always be regarded as a tender of good offices.

The United States delegates attached to their acceptance of Article 27 the following declaration: "Nothing contained in this convention shall be so construed as to require the United States of America to depart from its traditional policy of not intruding upon, interfering with, or entangling itself in the political questions or internal administration of any foreign State; nor shall anything contained in said convention be so construed as to require the relinquishment by the United States of America of its traditional attitude toward purely American questions."

Article 28.—A permanent council, composed of the diplomatic representatives of the signatory powers residing at The Hague and the Netherlands Foreign Minister, who will exercise the functions of President, will be constituted at The Hague as soon as possible after the ratification of the present act. The council will be charged to establish and organize an international bureau, which will remain under its direction and control. The council will notify the powers of the constitution of the court and arrange its installation, draw up the standing orders and other necessary regulations, will decide questions likely to arise in regard to the working of the tribunal, have absolute powers concerning the appointment, suspension, or dismissal of functionaries or employees, will fix the emoluments and salaries, and control the general expenditure. The presence of five members at duly convened meetings will constitute a quorum. Decisions are to be taken by a majority of the

## THE UNIVERSAL PEACE CONFERENCE OF 1899—Continued.

votes. The council will address annually to the signatory powers a report of the labors of the court, the working of its administrative services, and of its expenditure.

Article 29.—The expenses of the bureau are to be borne by the signatory powers in the proportion fixed for the International Bureau of the Universal Postal Union.

Article 30.—The powers who accept arbitration will sign a special act, clearly defining the object of the dispute, as well as the scope of the arbitrators. The powers' act confirms the undertaking of the parties to submit in good faith to the arbitration judgment.

Article 31.—Arbitration functions may be conferred upon a single arbitrator, or on several arbitrators designated by the parties at their discretion, or chosen from among the members of the permanent court established by the present act. Unless otherwise decided, the formation of the arbitration tribunal is to be effected as follows: Each party will appoint two arbitrators, who will choose a chief arbitrator. In case of a division, the selection is to be intrusted to a third power, whom the parties will designate. If an agreement is not effected in this manner, each party is to designate a different power, and the choice of a chief arbitrator is to devolve upon them.

Article 32.—When an arbitrator is a sovereign, or head of a State, the arbitral procedure depends exclusively on his august decision.

Article 33.—The chief arbitrator is President *de jure*. When the tribunal does not contain a chief of arbitration, the tribunal may appoint its own President. He may be designated by the contending parties, or, failing this, by the arbitration tribunal.

Articles 34 to 50 provide for the appointment of Councilors, the selection of the languages to be employed, and the rules of procedure in the court, whose sittings are to be behind closed doors.

Article 51 provides that a judgment agreed to by a majority vote is to be set forth in writing, giving the full reasons, and is to be signed by each member, the minority recording its dissent and signing it. Articles 52 and 53 direct that the decision of the court shall be read at a public sitting in the presence of the agents or counsel of the contending parties, who shall finally decide the matter at issue and close the arbitration proceedings.

The concluding clauses relate to the revision of proceedings in the case of the discovery of a new fact, and provide that each power shall bear its own expenses and agreed share of the cost of the tribunal without reliance to the penalties imposed.

The Senate of the United States will have to act on the Arbitration Treaty before its acceptance is conclusive as to this country.

## The United States and Canada.

## TEXT OF THE AGREEMENT FOR THE TEMPORARY SETTLEMENT OF THE ALASKA BOUNDARY LINE.

THE following is the text of the *modus vivendi* negotiated between the State Department of the United States and the British Foreign Office, the Anglo-American Joint High Commission to adjust all outstanding questions between the United States and the Dominion of Canada having been unable to reach a conclusion at the time of the adoption of this agreement, October 20, 1899:

It is hereby agreed between the Governments of the United States and of Great Britain that the boundary line between Canada and the Territory of Alaska, in the region about the head of Lynn Canal, shall be provisionally fixed without prejudice to the claims of either party in the permanent adjustment of the international boundary, as follows:

In the region of the Dalton Trail, a line beginning at the peak west of Porcupine Creek, marked on the Map No. 10 of the United States Commission, December 31, 1895, and on Sheet No. 18 of the British Commission, December 31, 1895, with the number 6,500; thence running to the Klehini (or Klahaela) River, in the direction of the peak north of the river, marked No. 5,020 on the aforesaid United States map and No. 5,025 on the aforesaid British map; thence following the high or right bank of the said Klehini River to the junction thereof with the Chilkat River, a mile and a half, more or less, north of Klukwan, provided that persons proceeding to or from Porcupine Creek shall be freely permitted to follow the trail between the said creek and the said junction of the rivers into and across the territory on the Canadian side of the temporary line wherever the trail crosses to such side, and subject to such reasonable regulations for the protection of the revenue as the Canadian Government may prescribe, to carry with them over such part or parts of the trail between the said points as may lie on the Canadian side of the temporary line such goods and articles as they desire, without being required to pay any customs duties on such goods and articles, and from said junction to the summit of the peak east of the Chilkat River, marked on the aforesaid Map No. 10 of the United States Commission with the number 5,410, and on the Map No. 17 of the aforesaid British Commission with the number 5,490.

On the Drea and Skaguay trails, the summits of the Chilkoot and White passes.

It is understood, as formerly set forth in communications of the Department of State of the United States, that the citizens or subjects of either power found by this arrangement within the temporary jurisdiction of the other shall suffer no diminution of the rights and privileges which they now enjoy.

The Government of the United States will at once appoint an officer or officers, in conjunction with the officer or officers to be named by the Government of Her Britannic Majesty, to mark the temporary line agreed upon by the erection of posts, stakes, or other appropriate temporary marks.

## THE JOINT HIGH COMMISSION.

THE following are the members of the United States and British Joint High Commission for the settlement of the outstanding questions between this country and Canada. Since the adoption of the *modus vivendi* by the direct action of the Governments of the United States and Great Britain the Commission has held no further sessions, but its duties continue:

On the Part of Great Britain and Canada.—Baron Russell of Killowen, Lord Chief Justice of England, Chairman; Sir Wilfred Laurier, Premier of Canada; Sir Richard J. Cartwright, Minister of Trade and Commerce; Sir Louis G. Davies, Minister of Marine and Fisheries; John Charlton, M. P., and Sir James S. Winter, Premier of Newfoundland.

On the Part of the United States.—United States Senator Charles W. Fairbanks, of Indiana, Chairman; United States Senator Charles J. Faulkner, of West Virginia; Representative Sereno D. Payne, of New York; John W. Foster, former Secretary of State and ex-Minister to Spain, Russia, and Mexico; John A. Kasson, of Iowa, former Minister to Germany and Austria, and T. Jefferson Coolidge, of Massachusetts, former Minister to France.

Baron Russell succeeded Lord Herschell, an original member, who died in March, 1899. Senator Fairbanks succeeded Senator Gray, of Delaware, who resigned September, 1898, and Mr. Payne succeeded Mr. Dingley, of Maine, who died January, 1899.

Immigration Into the United States, 1820-1899.

| YEAR.     | Total Alien Passengers. | YEAR.     | Total Alien Passengers. | YEAR.                      | Total Immigrants. | YEAR.                     | Total Immigrants. |
|-----------|-------------------------|-----------|-------------------------|----------------------------|-------------------|---------------------------|-------------------|
| 1820..... | 8,385                   | 1841..... | 80,289                  | 1862.....                  | 89,207            | 1882.....                 | 788,992           |
| 1821..... | 9,127                   | 1842..... | 104,565                 | 1863.....                  | 174,524           | 1883.....                 | 603,322           |
| 1822..... | 6,911                   | 1843..... | 52,496                  | 1864.....                  | 193,195           | 1884.....                 | 518,592           |
| 1823..... | 6,354                   | 1844..... | 78,615                  | 1865.....                  | 247,453           | 1885.....                 | 395,346           |
| 1824..... | 7,912                   | 1845..... | 114,371                 | 1866.....                  | 163,594           | 1886.....                 | 334,203           |
| 1825..... | 10,199                  | 1846..... | 154,416                 | Fiscal year end, g June 30 |                   | 1887.....                 | 490,109           |
| 1826..... | 10,837                  | 1847..... | 234,968                 | 1867.....                  | 293,967           | 1888.....                 | 546,889           |
| 1827..... | 18,875                  | 1848..... | 226,527                 | 1868.....                  | 282,189           | 1889.....                 | 444,427           |
| 1828..... | 27,382                  | 1849..... | 297,024                 | 1869.....                  | 352,569           | 1890.....                 | 455,302           |
| 1829..... | 22,520                  | 1850..... | 369,986                 | 1870.....                  | 357,203           | 1891.....                 | 560,319           |
| 1830..... | 23,322                  | 1851..... | 379,466                 | 1871.....                  | 321,350           | 1892.....                 | 623,084           |
| 1831..... | 29,633                  | 1852..... | 371,603                 | 1872.....                  | 404,806           | 1893.....                 | 502,917           |
| 1832..... | 60,482                  | 1853..... | 368,645                 | 1873.....                  | 459,803           | 1894.....                 | 314,467           |
| 1833..... | 53,640                  | 1854..... | 427,833                 | 1874.....                  | 313,339           | 1895.....                 | 279,948           |
| 1834..... | 65,365                  | 1855..... | 200,877                 | 1875.....                  | 227,498           | 1896.....                 | 343,267           |
| 1835..... | 45,374                  | 1856..... | 195,857                 | 1876.....                  | 169,986           | 1897.....                 | 230,832           |
| 1836..... | 76,242                  | 1857..... | 246,945                 | 1877.....                  | 141,857           | 1898.....                 | 229,299           |
| 1837..... | 79,340                  | 1858..... | 119,501                 | 1878.....                  | 138,469           | 1899.....                 | 311,715           |
| 1838..... | 33,914                  | 1859..... | 118,616                 | 1879.....                  | 457,257           | Total..... *18,316,538    |                   |
| 1839..... | 68,069                  | 1860..... | 150,237                 | 1880.....                  | 669,431           | 1789 to 1820 est. 250,000 |                   |
| 1840..... | 84,066                  | 1861..... | 89,724                  | 1881.....                  |                   |                           |                   |

Of the whole number of immigrants in the fiscal year ending June 30, 1898, 178,748 came through the customs district of New York, 10,735 through Baltimore, 12,271 through Boston, 8,360 through Philadelphia, 2,274 through San Francisco, and 116,911 through other ports; total, 229,299.

The reported occupations of immigrants arriving during the fiscal year 1898 were as follows: Laborers, 52,531; farmers, 16,243; servants, 23,656; carpenters, 2,904; miners, 1,604; clerks, 2,031; tailors, 3,826; shoemakers, 3,229; blacksmiths, 1,152. The total number of professional immigrants was 1,342; of skilled laborers, 33,145; of miscellaneous, 104,238; of no occupation (including women and children), 90,425; occupation not stated, 144; total, 229,299. The principal nationality of immigrants in the year ending June 30, 1899, was: Italian, 98,730; Irish, 32,345; Polish, 28,466; German, 26,631; Scandinavian, 23,249; Slovak, 15,838; English, 10,712.

\* Immigrants from the British North American possessions and Mexico are not included since July 1, 1885. † Includes 10,737 through Canada.

NATIONALITY OF IMMIGRANTS BY DECADES, 1841 TO 1890.  
(Compiled by the Superintendent of the Census.)

| COUNTRIES                          | 1841 to 1850. | 1851 to 1860. | 1861 to 1870. | 1871 to 1880. | 1881 to 1890. |
|------------------------------------|---------------|---------------|---------------|---------------|---------------|
| England.....                       | 32,092        | 247,125       | 251,288       | 440,961       | 649,052       |
| Ireland.....                       | 780,719       | 914,119       | 456,593       | 444,589       | 655,281       |
| Scotland.....                      | 3,712         | 38,331        | 44,681        | 88,925        | 149,856       |
| Wales.....                         | 1,261         | 6,319         | 4,642         | 6,779         | 11,990        |
| Great Britain, not specified.....  | 229,979       | 132,199       | 349,766       | 7,908         | 147           |
| Total United Kingdom.....          | 1,047,763     | 1,338,093     | 1,106,970     | 989,163       | 1,466,426     |
| Austria.....                       | 5,074         | 4,738         | 9,398         | 69,558        | 226,020       |
| Belgium.....                       | 539           | 3,749         | 7,416         | 7,278         | 17,506        |
| Denmark.....                       | 77,262        | 76,358        | 17,885        | 34,577        | 88,108        |
| France.....                        | 434,626       | 951,667       | 37,749        | 73,301        | 50,460        |
| Germany.....                       |               |               | 822,007       | 757,698       | 1,452,952     |
| Hungary.....                       |               |               | 448           | 13,475        | 127,678       |
| Italy.....                         | 1,870         | 9,231         | 12,982        | 60,830        | 307,091       |
| Netherlands.....                   | 8,251         | 10,789        | 9,539         | 17,236        | 53,701        |
| Norway and Sweden.....             | 13,903        | 20,931        | 117,798       | 226,488       | 560,483       |
| Russia and Poland.....             | 656           | 1,621         | 5,047         | 54,606        | 265,064       |
| Spain and Portugal.....            | 2,759         | 10,353        | 9,047         | 9,767         | 5,564         |
| Switzerland.....                   | 4,644         | 25,011        | 23,839        | 31,722        | 81,987        |
| All other countries in Europe..... | 155           | 116           | 234           | 1,265         | 22,770        |
| Total Europe.....                  | 1,597,502     | 2,452,657     | 2,180,899     | 2,346,964     | 4,725,814     |
| China.....                         | 35            | 41,397        | 68,050        | 122,436       | *59,995       |
| Total Asia.....                    | 82            | 41,455        | 68,444        | 123,068       | 63,932        |
| Africa.....                        | 55            | 210           | 324           | 221           | *375          |
| Canada.....                        | 41,723        | 59,309        | 184,713       | 430,210       | 392,802       |
| Mexico.....                        | 3,271         | 3,078         | 2,386         | 5,164         | †1,913        |
| Central America.....               | 368           | 449           | 96            | 229           |               |
| South America.....                 | 3,579         | 1,224         | 1,443         | 1,152         | 1,646         |
| West Indies.....                   | 13,528        | 10,660        | 9,698         | 14,461        | *†26,487      |
| Total America.....                 | 62,469        | 74,720        | 198,336       | 451,216       | 422,848       |
| All other countries.....           | 53,143        | 29,169        | 19,249        | 23,226        | 25,759        |
| Aggregate.....                     | 1,713,251     | 2,598,214     | 2,466,752     | 2,944,695     | 5,238,728     |

\* Not given in 1890. † Reports discontinued after 1885. ‡ Includes Central and South America for 1889.

As the reports for British North American Provinces and for Mexico have been discontinued since 1885 by the Treasury Department, the figures here represented only cover five years of the decade. An estimate based upon the immigration of the years from 1881 to 1885, inclusive, would give 785,604 to British North America for the decade from 1881 to 1890, and 3,826 to Mexico, making the aggregate for America 817,563, instead of 422,848.

Mullhall estimates the number of individuals who emigrated from Europe in 73 years, 1816 to 1888, at 27,205,000. Of these, 15,000,000 went to the United States. From 1890 to 1896 he gives 5,995,000 emigrants, of which 2,924,000 went to the United States.

## The United States Census of 1900.

The following was specially prepared for THE WORLD ALMANAC for 1900 by the Census Office: The next census, to be taken in July, 1900, will be the Twelfth Census of the United States since the adoption of the Constitution. The act providing for taking the Twelfth Census was passed during the closing days of the Fifty-fifth Congress, and became a law March 3, 1899.

The first and second censuses, taken in 1790 and 1800 respectively, were simply an enumeration of the population for the purpose of determining the basis of representation in Congress. Since 1810 the census has been extended in scope in compliance with the demands of the public for statistics concerning various subjects, until in 1890 it covered fifteen or sixteen general topics.

The act providing for the taking of the Twelfth Census makes considerable change in the methods heretofore pursued. In the first place, it will be well to call attention to the fact that the act of March 3, 1899, recognizes and makes a proper division of the work into administrative and statistical branches. The act provides for a general staff to take charge of the work, namely, a Director, an Assistant Director, five Chief Statisticians, a Chief Clerk, a Disbursing Clerk, and Geographer. The act does not require that the Director of the Census shall be a statistician, but provides that the Assistant Director shall be an experienced, practical statistician, and it is contemplated by the act that he shall practically supervise the gathering of the statistics and their proper publication under the superintendence of the Director.

### THE DIRECTOR OF THE CENSUS AND HIS OFFICIAL STAFF.

The following general officers have been appointed to superintend the taking of the census: Hon. William R. Merriam, of St. Paul, Minn., Director; Dr. F. H. Wines, of Illinois, Assistant Director; Mr. W. C. Hunt, of the District of Columbia, Chief Statistician in charge of the Population Division; Mr. L. G. Powell, of Minnesota, Chief Statistician in charge of the Agricultural Division; Mr. S. N. D. North, of Massachusetts, Chief Statistician in charge of Manufactures; Mr. W. A. King, of the District of Columbia, Chief Statistician in charge of Vital Statistics; Prof. W. A. Wilcox, of Cornell University, Chief Statistician in charge of Methods and Results; Mr. Edward McCauley, District of Columbia, Disbursing Clerk; Mr. A. F. Childs, District of Columbia, Chief Clerk, and Mr. Henry Gannett, District of Columbia, Geographer.

The Chief Statisticians will have immediate charge of the work in connection with the collection and publication of the statistics concerning the subjects assigned to them. The Geographer's most important duty is to divide the country into enumerators' districts.

### THE SCOPE OF THE CENSUS.

The subjects to be covered by the Twelfth Census are not as numerous as those undertaken by the Eleventh Census. The census proper will be limited to four general subjects, namely, population, agriculture, mortality, and manufactures, being those in which the information to be obtained must be secured either wholly or for the greater part by house-to-house canvasses of the enumerators. The act provides that the reports of these subjects shall be designated as and constitute the "Census Reports," and requires that such reports shall be published not later than the 1st of July, 1902. A number of subjects of investigation in the Tenth and Eleventh Censuses are omitted, but only those upon which statistics are collected and published by other branches of the Government, such as railroad transportation, information in regard to fisheries, water power, etc.

After the work on the four general subjects above referred to is completed the Director of the Census is authorized to collect statistics relating to special classes, including the insane, feeble-minded, deaf, dumb, and blind; to crime, pauperism, and benevolence, including prisoners, paupers, juvenile delinquents, and inmates of benevolent and reformatory institutions; to deaths and births in registration areas; to social statistics of cities; to public indebtedness, valuation, taxation, and expenditures; to religious bodies; to electric light and power, telephone, and telegraph business; to transportation by water, express business, and street railways; to mines, mining, and minerals. The reports relating to mines, mining, and minerals must be published on or before July 1, 1903. The reports on these subjects shall be designated as "Special Reports of the Census Office."

On all subjects of inquiry the subjects will be simplified as much as possible, and much matter which has heretofore been included, but which never reached any practical statistical results, will be dropped, and the work concentrated upon lines which will produce statistics of recognized value.

### THE LOCAL SUPERVISORS.

The enumeration will be superintended by three hundred local supervisors, two of whom have been appointed for the district of Alaska and one for the Hawaiian Islands. The Census act does not contemplate a census of the Philippine Islands, Porto Rico, nor Cuba. The census which is now being taken in Cuba and Porto Rico is being done under the direction of the War Department, as the islands are being governed by the military arm of the Government. Each supervisor will have charge of a certain territory or district, consisting of a number of counties, or, in some cases, one county only, and in others a whole State.

The Geographer of the Census Office, as before suggested, has charge of the division of the supervisors' districts into enumerators' districts, and at the present writing has completed the division of the 300 supervisors' districts. The law provides that each Supervisor of Census shall be charged with the performance, within his own district, of the following duties: To consult with the Director of the Census in regard to the division of his district into sub-divisions most convenient for the purpose of enumeration; to designate to the Director suitable persons and, with the consent of the Director, to employ such persons as enumerators within his district; to communicate to enumerators the necessary instructions and directions relating to their duties; to examine and scrutinize the returns of the enumerators, and in event of discrepancies or deficiencies appearing in the returns for his district, to use all diligence in causing the same to be corrected and supplied; to forward to the Director of the Census the completed returns for his district in such time and manner as shall be prescribed by the Director, and to make up and forward to the Census Office the accounts required for ascertaining the amount of compensation due to each enumerator in his district. The compensation of the supervisors will be not less than the sum of \$1,000, which sum is to be in full compensation for all services rendered and expenses incurred by them. There are only three or four supervisors in the country who will make more than \$1,000.

### THE ENUMERATORS.

The sub-divisions assigned to the enumerators will generally agree with the minor civil divisions of the country, such as townships, villages, election districts, wards, precincts, etc., as they are variously designated in different States; and while the supervisors prepare the original scheme for the creation of enumeration districts, the office must, in the mean time, ascertain the correct description of every one of the minor civil divisions referred to in the whole country, and be prepared to correct, if necessary, the work of the supervisors in this direction. This part of the work forms practically the basis of the whole enumeration.

The enumerator will be charged with the collection in his sub-division of the facts and statistics

required by the population schedule and such other schedules as the Director of the Census may determine shall be used by him in connection with the taking of the census. The enumerators, as is well known, make a house-to-house canvass to obtain the information desired by the Census Bureau. In the largest cities of the country the collection of statistics concerning manufacturing establishments will be withdrawn from the enumerators and placed in charge of special agents. It is desired by the Census Office that these special agents shall be men who are familiar with the particular subject or subjects assigned to them, and as far as possible have a technical knowledge of the same.

The industries of the country have been grouped into sixteen classes, such as, first, food and kindred products; second, textiles; third, iron and steel and their products; fourth, lumber and its manufactures; fifth, leather and its finished products, etc. An expert special agent, who has a thorough knowledge of the subject, will be placed in charge of one of these groups, and he will have general supervision of the work in connection with his sub-division, under the direction of the Chief Statistician in charge of manufactures.

#### COMPENSATION OF THE ENUMERATORS.

The compensation of the enumerators will be ascertained and fixed by the Director of the Census, in the following manner: In sub-divisions where he shall deem such allowance sufficient, an allowance of not less than two nor more than three cents for each living inhabitant and for each death reported; not less than 15 nor more than 20 cents for each farm; and not less than 20 nor more than 30 cents for each establishment of productive industry enumerated and returned may be given in full compensation for all services. For all other sub-divisions per diem rates shall be fixed by the Director of the Census, according to the difficulty of enumeration, having reference to the nature of the region to be canvassed and the density or sparseness of settlement, or other considerations pertinent thereto; but the compensation allowed to any enumerator in any such district shall not be less than \$3 nor more than \$6 per day of ten hours' actual field work each. The sub-divisions to which the several rates of compensation shall apply shall be designated by the Director of the Census at least two weeks in advance of the enumeration. No claim for mileage or travelling expenses shall be allowed any enumerator in either class of sub-divisions, except in extreme cases, and then only when authority has been previously granted by the Director of the Census, and the decision of the Director as to the amount due any enumerator shall be final. The special agent will receive a compensation of \$4 to \$6 per day and actual necessary travelling expenses, and an allowance in lieu of subsistence not exceeding \$3 per day during his necessary absence from his usual place of residence.

#### HOW THE CENSUS WILL BE CANVASSED.

The returns from the supervisors will commence to come in by the middle of July, 1900, and as the canvass approaches completion, will be received by the carload. As the schedules are received, they must be sorted, arranged, counted, and stored ready for tabulation by the different divisions; the delinquent enumerators and missing schedules must be hunted up and looked after; the accounts of the supervisors and enumerators closed and paid, and the odds and ends of the work finished.

The information on the enumerators' sheets will be transferred in the Census Office to cards, about three by six inches in size. This is done for the purpose of tabulating the information in the electrical counting or tabulating machines. Briefly, the plan is first to prepare a card for each person enumerated, showing all the characteristics of such person. The cards used for this purpose are about three by six inches and are printed with letters and symbols arranged so that by punching holes in the proper spaces a description is obtained of the race, sex, color, age, conjugal condition, birthplace of person, of father, mother, years in the United States, occupation, school attendance, etc. These cards, though only seven-thousandths of an inch in thickness, would form a stack, if piled one on the other, about nine miles high and will weigh about two hundred tons.

This transcript of the original returns of the enumerators to the punched cards will be done with small machines something like a typewriter, called "keyboard-punches." About one thousand of these keyboard punches will be used and the entire work of transcribing the seventy-five millions or more individual records will be done in about one hundred working days, or nearly four months. These punched record cards are then counted or tabulated in the electrical tabulating machines. These machines are provided with a circuit-closing device into which the cards are rapidly fed one by one. The holes in the cards control the electric circuits through a number of counters which will as desired count the simple facts as to the number of males, of females, etc., or the most complicated combination which the statistician may ask for. After the cards for a given district are thus passed through the tabulating machines we know the number of native-born white males of voting age; we know the number of white children under five years of age born in this country with both parents native-born, or the number of such children with one or both parents foreign-born. In short, it is simply a question for the statisticians to decide the information wanted and the electrician to make the proper connection from the counters and relays to the circuit-controlling device into which the cards are fed. The methods employed for checking the proper working of the machines are ingenious and interesting. If the card is not completely punched, or if some item has been overlooked, or if it is not properly fed to the machine, or is placed upside down, or, in fact, if everything is not all right, the machine refuses to work and the card is rejected; neither will the machine work if the circuit-controlling device is operated without a card in place. It is hoped by the means suggested to count the seventy-three or four million of people and give the results to the country by the last days of the year 1900. There will be about 1,850 clerks employed in handling the cards and in using the tabulating machines, preparing the work to go to the printing office.

#### A CENSUS OFFICE BUILDING.

A contract has been entered into between the Director of the Census and a citizen of the District of Columbia, for the construction of a building in which the Census Office will be located. In the last census the office force was scattered among nine or ten buildings, which, of course, precluded a proper and efficient handling of the office force. It was deemed proper to obtain a building which would contain the entire force, as the law requires that the census work proper shall be finished in two years, and this necessitates the hardest and most efficient kind of work. It is expected that the building will be completed about January 1, 1900, and soon after the first of the year the headquarters of the Census Office will be moved into the new building.

The absolute necessity of having no delay with the printing and binding of the Census Report makes it requisite that the Census Bureau should have its own printing office. Provision has, therefore, been made in the new building for a printing department.

The task of counting and tabulating the census returns will require an enormous office force. It is expected that nearly 2,800 people will be employed in the Census Bureau for some time after July, 1900. The Census act provides that all persons employed in the bureau, above the grade of skilled laborers, shall be appointed subject to an examination. A series of examinations is being conducted in various cities of the country for the purpose of obtaining a competent clerical force, and it is sincerely hoped that the results obtained will be such as to justify the large expenditure which will be made in taking the enumeration and publishing the returns.

## United States Executive Civil Service.

(Revised for this issue of THE WORLD ALMANAC by the Secretary of the Civil Service Commission.)

THE purpose of the Civil Service act, as declared in its title, is "to regulate and improve the Civil Service of the United States." It provides for the appointment of three Commissioners, a chief Examiner, a Secretary, and other employes, and makes it the duty of the Commissioners to aid the President as he may request in preparing suitable rules for carrying the act into effect; to make regulations to govern all examinations held under the provisions of the act, and to make investigations and report upon all matters touching the enforcement and effect of the rules and regulations. The address of the Commission is Washington, D. C.

### EXTENT OF THE SERVICE.

The number of positions in the Executive Civil Service of the United States on June 30, 1896, was 178,884, of which 79,983 were classified competitive positions, and 98,896 were unclassified or excepted. By the President's order of May 29, 1899, all deputy collectors of internal revenue were excepted from competitive examination, and all office and field deputies in offices of United States marshals were excluded from classification. These and other exceptions and exclusions under the order above mentioned, together with the growth of the service, from natural causes and the exigencies of the Spanish-American war, will alter these figures somewhat; but complete data of a later date is not available.

### DIVISIONS OF THE SERVICE.

The rules require that all that part of the Executive Civil Service of the United States which has been or may hereafter be classified under the Civil Service act shall be arranged in branches as follows: The Departmental Service, the Customs Service, the Postal Service, the Government Printing Service, and the Internal Revenue Service.

The Departmental Service includes all officers and employes who on the one hand are not appointed subject to the consent of the Senate, and on the other hand are above the grade of laborer, and who are serving in or on detail from the Departments, Commissions, and Offices in the District of Columbia, the Railway Mail Service, the Indian Service, the Pension Agencies, the Steamboat Inspection Service, the Marine Hospital Service, the Light-House Service, the Life-Saving Service, the Revenue Cutter Service, the Mints and Assay offices, the Sub-Treasuries, the Engineer Department at large, the Ordnance Department at large, the Land Office Service, and the force employed under Custodians of Public Buildings, and in the U. S. Penitentiary at Leavenworth, Kan. In addition to these are included all other employes (except laborers and persons whose appointments are subject to the consent of the Senate) whose duties are clerical or medical, or who serve as watchmen, messengers, draughtsmen, engineers, firemen, computers, or as superintendents of construction, superintendents of repairs, or foremen under the Supervising Architect of the Treasury, or who are in any branch of the Treasury Department not enumerated above. The Customs Service includes all officers and employes between the extremes before mentioned who are serving in any customs district. The Postal Service includes all similar offices and employes at free-delivery post-offices. The Government Printing Service and the Internal Revenue Service cover all like positions in the branches indicated by their designations.

### APPLICATIONS.

Persons seeking to be examined must file an application blank. The blank for the Departmental Service at Washington, Railway Mail Service, the Indian School Service, and the Government Printing Service should be requested directly of the Civil Service Commission at Washington. The blank for the Customs, Postal, or Internal Revenue Service must be requested in writing of the Civil Service Board of Examiners at the office where service is sought. These papers should be returned to the officers from whom they emanate.

Applicants for examination must be citizens of the United States, and of the proper age. No person using intoxicating liquors to excess may be appointed. No discrimination is made on account of sex, color, or political or religious opinions. The limitations of age vary with the different services, but do not apply to any person honorably discharged from the military or naval service of the United States by reason of disability resulting from wounds or sickness incurred in the line of duty.

### EXAMINATIONS.

The applicants to enter the services designated are examined as to their relative capacity and fitness. For ordinary clerical places in the Departmental, Customs, and Internal Revenue Services the examination is confined to orthography, penmanship, copying, letter-writing, and simple arithmetic. Patent examiners are examined in physics and technics, mathematics, chemistry, and mechanical drawing. Meat inspectors are examined in letter-writing, veterinary anatomy and physiology, veterinary pathology, and meat inspection. One of the tests for post-office and railway mail clerks is an exercise in reading manuscript addresses. Specimen sets of questions will be furnished by the Commission upon request. Examinations are held twice a year in every State and Territory at fixed times and places. All examinations relate as nearly as possible to the duties to be performed, and, wherever practicable, include experience and practical tests. No applicant is admitted to an examination in any one of the different recognized trades, such as those in the Government Printing Office, unless he has had five years' experience in his trade, one year of which must have been as a journeyman. This information is obtained by personal questions relating to the applicant's experience at his trade and the certificates of persons who have employed him. No one is certified for appointment whose standing in any examination is less than 70 per centum of complete proficiency, except applicants whose claims for military or naval preference under Section 1754 R. S. have been admitted. These need obtain but 65. The law also prescribes competitive examinations for promotion in the service. A certificate is given to each person examined, stating whether he passed or failed to pass. For positions in the classified service where technical qualifications are needed special examinations are held. In the Departmental Service they are held for the State Department, the Pension, Patent, and Weather Bureaus, Geological and Coast Surveys, Engineer Department at large, Ordnance Department at large, etc. For places which do not require technical qualifications the number of applicants is usually excessive, and only those who are in high grades have a good chance for appointment. There is always a good demand for male stenographers.

## UNITED STATES EXECUTIVE CIVIL SERVICE—Continued.

**EXCEPTED PLACES.**

Among the places excepted from examination or subject only to non-competitive examination are the following: Two private secretaries or confidential clerks to the President and each of the heads of departments; one for each head of bureau appointed by the President and confirmed by the Senate, if authorized by law; all persons appointed solely by the President; attorneys, assistant attorneys, and special assistant attorneys. The excepted positions throughout the departments were increased in number by the President's order of May 29, 1899, but are too diverse to summarize and too numerous to mention here specifically.

**APPOINTMENTS.**

Upon the occurrence of a vacancy, the appointment to fill it, if not made by promotion, reduction, transfer, or reinstatement (for all of which provision is made by the Civil Service rules), must be made by selection from the eligibles of highest grade on the appropriate register. In the Executive Departments at Washington and in the Government Printing Office appointments are apportioned among the States and Territories on the basis of population. Every appointment is made for a probationary period of six months. Whenever there are no names of eligibles upon a register for any position in which a vacancy exists, and the public interest requires that it be filled before eligibles can be provided by the Commission, such vacancy may, subject to the approval of the Commission, be filled by appointment without examination and certification until an eligible can be provided by the Commission. The number of women applying for clerical places is greatly in excess of the calls of appointing officers. The positions to which the largest numbers of them are appointed are those of assistant microscopist in the branch offices of the Bureau of Animal Industry at the various stockyards throughout the country, and teachers, matrons, seamstresses, etc., in the Indian Service. A few receive appointments as stenographers and typewriters in the Departmental Service, and a few are appointed to technical and professional places.

**PREFERENCE CLAIMANTS.**

Persons who served in the military or naval service of the United States, and were discharged by reason of disabilities resulting from wounds or sickness incurred in the line of duty, are, under the Civil Service rules, given certain preferences. They are released from all maximum age limitations, are eligible for appointment at a grade of 65, while all others are obliged to obtain a grade of 70, and are certified to appointing officers before all others. Subject to the other conditions of the rules, a veteran of the rebellion or of the war with Spain, or the widow of any such person, or any army nurse of either war, may be reinstated without regard to the length of time he or she has been separated from the service.

**PROVISIONS CONCERNING POLITICAL DISCRIMINATION, ASSESSMENTS, ETC.**

The Civil Service rules provide that no person in the Executive Civil Service shall dismiss, or cause to be dismissed, or make any attempt to procure the dismissal of or in any manner change the official rank or compensation of any other person therein, because of his political or religious opinions or affiliations; that no removal shall be made from any position subject to competitive examination except for just cause and upon written charges filed with the head of the department or other appointing officer, and of which the accused shall have full notice and an opportunity to make defence; and that no person in the Executive Civil Service shall use his official authority or official influence for the purpose of interfering with an election or controlling the result thereof. Such rules also provide that any person in the Executive Civil Service who shall wilfully violate any provision of the Civil Service act or rules shall be dismissed from office.

The Civil Service act contains provisions forbidding any person in the service of the United States from levying upon or collecting from persons in the Executive Civil Service contributions to be devoted to political objects, the collection of such contributions by any person in any public building of the United States, or discrimination against persons who do not make such contributions or render political service. A violation of any of the provisions concerning political assessments, or their collection in a public building of the United States, is declared to be a misdemeanor, punishable by a fine not exceeding five thousand dollars, or by imprisonment for a term not exceeding three years, or by such fine and imprisonment both in the discretion of the court. The act also declares that when rules to carry its provisions into effect shall have been promulgated, "it shall be the duty of all officers of the United States in the departments and offices to which any such rules may relate, to aid, in all proper ways, in carrying said rules, and any modifications thereof, into effect."

**POLITICAL ACTIVITY OF OFFICIALS.**

An executive order of July 14, 1896, which is still in force, warns office-holders that, while individual interest and activity in political affairs are by no means condemned, they must bear in mind that their time and labor are due to the Government, and that they should scrupulously avoid, in their political action as well as in the discharge of their official duty, offending, by obtrusive partisanship, their neighbors who have relations with them as public officials.

**THE UNCLASSIFIED EXECUTIVE CIVIL SERVICE.**

The portion of the Executive Civil Service which is not classified embraces the following: All officers nominated by the President and confirmed by the Senate, including members of the Cabinet, assistant secretaries, certain chiefs of bureaus, etc., in the Executive Departments at Washington, collectors, naval officers, surveyors, and appraisers in the Customs Service, collectors in the Internal Revenue Service, and first, second, and third class postmasters. Other unclassified positions are fourth class postmasters, the employés of the District of Columbia, the employés of the Library of Congress, clerks in post-offices not having free delivery, mere laborers and workmen, certain positions having a compensation of less than \$300 a year, and the Consular Service. Examinations for positions in the service last named are non-competitive, and conducted by a board of the Department of State.

A considerable number of positions were excluded from classification by the President's order of May 29, 1899, principally in the Departments of the Interior, War, and Navy outside of Washington.

## Acts of the Fifty-fifth Congress.

### THIRD (SECOND REGULAR) SESSION.

THE principal bills of a public nature which became laws during the third session (the preceding session having been a special session, beginning March 15, 1897, and the first regular session beginning December 6, 1897) of the Fifty-fifth Congress were as follows:

An act providing for a National Exposition of American products and manufactures at the city of Philadelphia, for the encouragement of the export trade. December 21, 1898.

An act granting extra pay to officers and enlisted men of United States Volunteers. January 12, 1899.

An act providing for additional Circuit Judges in the Fifth and Sixth Judicial Circuits. January 25, 1899.

An act to establish a national military park to commemorate the campaign, siege, and defence of Vicksburg. February 21, 1899.

An act providing an additional Circuit Judge in the Third Judicial Circuit. February 23, 1899.

An act to provide for an appropriate national celebration of the establishment of the seat of government in the District of Columbia. February 28, 1899. The President was authorized to appoint a committee of citizens from the country at large to act with a committee appointed by Congress to prepare plans for the celebration, and \$10,000 was appropriated for the purpose. [See page 153.]

An act to supplement and amend an act, entitled, "An act for the erection of a new Custom-House in the City of New York, and for other purposes," approved March 3, 1891. March 2, 1899. Authorized the Secretary of the Treasury to acquire the Bowling Green site and to prepare plans for a new Custom-House at a cost not to exceed \$3,000,000. The present Custom-House property on Wall Street to be sold for not less than \$3,000,000.

An act for the investigation of leprosy. March 2, 1899.

An act for increasing the efficiency of the Army of the United States, and for other purposes. March 2, 1899. [The Provisional Army act.]

An act making an appropriation to carry out the obligations of the treaty between the United States and Spain, concluded December 10, 1898. March 2, 1899.

An act to set aside a portion of certain lands in the State of Washington, now known as the Pacific Forest Reserve as a public park, to be known as the Mount Rainier National Park. March 2, 1899.

An act creating the office of Admiral of the Navy. March 2, 1899. The President was authorized to appoint an Admiral of the Navy, who shall not be placed on the retired list except upon his own application, and when the Admiral dies the office ceases to exist.

An act to reorganize and increase the efficiency of the personnel of the Navy and Marine Corps of the United States. March 3, 1899. (The Navy Personnel act.)

An act for the protection of birds, preservation of game, and for the prevention of its sale during certain closed seasons in the District of Columbia. March 3, 1899.

An act to prevent the sale of intoxicating liquors on Sunday in the District of Columbia. March 3, 1899.

An act to provide for taking the twelfth and subsequent censuses. March 3, 1899.

An act to encourage the holding of a Pan American Exposition on the Niagara frontier, within the county of Erie or Niagara, in the State of New York, in the year 1901. March 3, 1899.

An act to encourage the holding of the Ohio Centennial and Northwest Territory Exposition at the city of Toledo, O. March 3, 1899. The exposition is to be held in 1902 or 1903, as the Ohio Legislature may determine and display the resources of the United States, the Philippines, Cuba, Hawaii, and Porto Rico. The other countries of America are to be invited to exhibit. The United States Government will contribute a special exhibit.

An act to amend an act entitled, "An act to reimburse the Governors of States and Territories for expenses incurred by them in aiding the United States to raise and organize and equip the Volunteer Army of the United States in the existing war with Spain," approved July 8, 1898, and for other purposes. March 3, 1899.

The principal measures before the Fifty-fifth Congress which failed to become laws were: To establish a territorial government in Hawaii; to establish a code of laws in Alaska; to prohibit unauthorized dealing in railroad tickets by scalpers; to establish a government armor plate plant; to provide for a Pacific Ocean telegraph cable; to provide for a subsidy to promote shipbuilding, and several monetary reform bills which were reported from committees to the House of Representatives.

## List of Appropriations by Congress, 1893-1900.

|   | 1893.         | 1894.         | 1895.         | 1896.         | 1897.         | 1898.            | 1899.            | 1900             |
|---|---------------|---------------|---------------|---------------|---------------|------------------|------------------|------------------|
| Deficiencies.....                         | \$14,934,155  | \$21,926,496  | \$9,450,820   | \$8,519,981   | \$13,900,106  | \$8,594,447.64   | \$47,165,001.82  | \$46,882,724.75  |
| Legislative, Executive, and Judicial..... | 21,901,066    | 21,866,303    | 21,343,977    | 21,885,818    | 21,519,751    | 21,690,766.90    | 21,625,846.65    | 23,294,051.86    |
| Sundry Civil.....                         | 26,854,625    | 27,550,168    | 25,866,432    | 25,096,045    | 29,819,113    | 34,344,970.47    | 33,997,752.70    | 39,381,733.86    |
| Support of the Army.....                  | 34,308,500    | 34,225,630    | 32,592,895    | 32,262,608    | 32,278,403    | 32,129,344.30    | 32,193,282.00    | 80,430,204.06    |
| Naval Service.....                        | 23,543,267    | 22,104,061    | 28,866,827    | 29,416,077    | 30,562,661    | 38,003,234.19    | 56,098,783.68    | 48,099,569.58    |
| Indian Service.....                       | 7,664,068     | 7,884,240     | 10,764,733    | 8,762,751     | 7,380,497     | 7,674,120.89     | 7,673,854.90     | 7,604,716.81     |
| Rivers and Harbors.....                   | 22,068,218    | 14,166,153    | 20,043,180    | 11,452,115    | 15,944,147    | 19,266,412.91    | 14,492,469.56    | 25,100,638.94    |
| Forts & Fortifications.....               | 2,754         | 2,210,055     | 2,427,004     | 1,904,558     | 7,277,888     | 9,517,141.00     | 9,377,484.00     | 4,909,902.00     |
| Military Academy.....                     | 488           | 437,558       | 406,535       | 464,262       | 449,526       | 479,572.53       | 455,689.23       | 575,774.47       |
| Post-Office Depart.....                   | Indefinite.   | Indefinite.   | Indefinite.   | Indefinite.   | Indefinite.   | Indefinite.      | Indefinite.      | Indefinite.      |
| Pensions.....                             | 146,737,350   | 166,831,356   | 151,581,570   | 141,351,670   | 141,328,680   | 141,963,890.00   | 141,933,830.00   | 145,933,830.00   |
| Consular and Diplom.....                  | 1,604,312     | 1,557,445     | 1,569,787     | 1,674,459     | 1,642,559     | 1,695,308.76     | 1,752,208.76     | 1,714,633.76     |
| Agricultural Depart.....                  | 3,233,061     | 3,323,500     | 3,226,915     | 3,303,750     | 3,256,532     | 3,182,902.06     | 3,509,202.00     | 3,796,022.00     |
| District of Columbia.....                 | 5,317,861     | 5,413,294     | 5,544,297     | 5,745,443     | 6,900,319     | 6,186,991.06     | 6,426,880.01     | 6,834,835.77     |
| Miscellaneous.....                        | 3,381,019     | 520,666       | 628,868       | 297,668       | 423,304       | 1,150,464.69     | 6,044,898.26     | 28,721,653.41    |
| Totals.....                               | \$304,710,196 | \$319,011,847 | \$301,768,820 | \$293,057,105 | \$302,766,896 | \$311,179,657.54 | \$313,050,293.66 | \$462,609,760.27 |



## State Legislation in 1899.

The following summary of the more important legislation effected by State Legislatures in 1899 is compiled from the address of the Hon. Charles F. Manderson, of Nebraska, presiding officer, before the American Bar Association in August, 1899:

- Alabama.**—Primary elections are guarded and frauds thereat punished. Game laws of stringent character have been enacted and song birds are protected. A full system of quarantine is established. When receiver of corporations is appointed, labor wages shall be preferred claims. A dispensary law for the sale of liquor has been passed. Detaching or uncoupling trains, pulling bell cords or emergency valves, obstructing tracks, interfering with switches or signals without authority, stealing a ride, or discharging firearms from trains, are all made misdemeanors. A license tax on nearly all occupations has been provided for. Cotton and other agricultural products and pig iron are exempt from taxation in the hands of the producers or purchasers for prompt shipment.
- Arizona.**—Age of consent has been raised from fourteen to seventeen years. Eminent domain may be exercised by pipe-line companies. Exemption to heads of families reduced from \$1,000 to \$500 personal property, and homesteads from \$4,000 to \$2,500. It is made a misdemeanor to deface or show disrespect to the National flag. Property acquired by either husband or wife during marriage is declared common property, and can only be alienated by both joining in the deed. Compulsory education in schools is required. Railroads commenced within one year and constructed at the rate of twenty-five miles each year are exempt from taxation for ten years, and when canals and reservoirs for distribution of water for mining, manufacturing, and agricultural purposes shall be commenced within one year they shall be exempt for fifteen years.
- Arkansas.**—The people in 1900 vote upon an amendment authorizing surety companies to be taken on official bonds. Physicians and trained nurses cannot be compelled to testify as to information from a patient. Cigarettes must not be sold or given to any person under twenty-one years of age, nor tobacco to a minor under fifteen. Mills and factories must pay employes in currency, and for advance payments must not discount more than 10 per cent per annum. Coal must be weighed before screening as the basis for miners' pay. A railroad commission is established with power to fix rates and maintain control and supervision over railroads. Physiology and hygiene must be taught in schools with special reference to the effect of alcohol upon the human system. Marriage following seduction does not terminate prosecution, which shall be renewed if party abandons wife, who may be a witness against her husband. An anti-trust law was passed.
- California.**—Constitutional amendments are to be submitted reducing the Supreme Court from seven to five Judges, providing three Courts of Appeal and defining the jurisdiction of said courts; giving the Legislature power to control primary elections; exempting Stanford University and Lick School, church property, and State, county, and district bonds from taxation. Much legislation was had in regard to the charters of municipalities. Prominent among them are the following, regarding San Francisco: The legislative power is lodged in eighteen supervisors elected at large. The Mayor presides and has the power of veto, but such veto may be overridden by fourteen votes. If 15 per cent of the voters petition for a particular ordinance to be voted upon, it must be submitted, and if a majority of votes favor it it becomes a law at once. Every ordinance granting a franchise or for lease or sale of any public utility must be submitted to a vote. The city charter is amendable by vote of the people. No street railroad franchises shall be granted for more than twenty-five years and must be advertised and bid for. No bid shall be received for less than 3 per cent of the gross receipts for the first five years. The city retains the right to regulate fares. It is declared to be the purpose of the city to acquire and ultimately own all its public utilities and the charter points out the steps to be taken to acquire such ownership. It is unlawful to publish, without consent of party, the portrait of any living person except those holding office or convicted of crime. A fine is imposed for publishing an article blackening the memory of the dead, or impeaching the honesty, integrity, virtue, or reputation of the living, or calling attention to their natural or alleged defects, unless the name of the author is attached to the matter printed.
- Colorado.**—Constitutional amendment will be voted upon in 1900, changing the method of adopting amendments to the Constitution. For irrigating and domestic purposes a large amount has been appropriated to sink artesian wells. The State is to build a State bicycle path between points named in the act. Bicycles and sewing machines are made exempt from seizure for debt. A State Game and Fish Commission is to be appointed with extraordinary powers. Three-fourths of the jury may render verdicts in all civil causes. A State Board of Library Commissioners is created. Cities may levy a tax for public libraries. Compulsory education is required.
- Connecticut.**—Constitutional amendments were proposed providing that a plurality of votes shall elect State officers and fixing the minimum and maximum number of State Senators. Divorces petitioned for to the General Assembly must receive attention from the Attorney-General. In divorce proceedings the court may direct notice to non-resident defendants. Adulteration of food is punished. No bakery shall be in a cellar and all shall be inspected. No child under fourteen years of age shall be employed during school hours. No employe shall be coerced not to join a labor organization. The Inspector of Factories is to examine all factories and workshops and see that they are well ventilated, that the machinery is well guarded and sanitary condition perfect. A Highway Commission is created to supervise and control all State roads. Wide tires shall be used on heavy vehicles. Compulsory attendance is required in schools.
- Delaware.**—A State Board of Agriculture and Horticulture is created. Orchards and nursery stock are to be inspected, and penalties inflicted for selling stock subject to insects, pests, or disease.

An elaborate law has been enacted authorizing in very liberal fashion the incorporation of any organization or combination except for banking purposes.

The State Board of Health is authorized to establish a Pathological and Bacteriological Laboratory to prevent the spread of infectious diseases. Candy shall not be adulterated. The State Medical Council may revoke physicians' licenses for persistent inebriety, conviction of crime, practising criminal abortion, or publicly advertising special ability to treat or cure chronic incurable diseases.

**Florida.**—A State Bureau of Vital Statistics is created. The State Board of Health is continued, and is to examine all lodging-houses containing ten rooms or more and regulate their sanitary condition.

A fire insurance "valued policy" law has been passed.

A State Board of Eclectic Medical Examiners is to be appointed by the Governor to examine graduates of the eclectic schools only.

The Railroad Commission is given enlarged powers and can fix rates. Common carriers must give ticket-agent certificate of authority to sell tickets, and all other persons are forbidden to sell the same. Firing guns from trains is forbidden, and it is made a misdemeanor to "beat one's way" on a railroad.

**Georgia.**—A most interesting piece of legislation, action under which will be watched with much interest, is that creating a Commission of the Governor, State Treasurer, and Comptroller-General, which is to create and issue State bank notes, to be furnished to State banks to the extent of not exceeding 75 per cent of their paid-up capital. These notes are to be a first lien upon the bank's assets, and stockholders are liable for their redemption to an amount equal to the capital stock owned. A reserve fund of 25 per cent of its outstanding notes shall be kept on hand in legal tender notes or specie. If the United States Government shall attempt to collect the tax of 10 per cent upon State bank notes, provided by the Federal law, the Attorney-General is required to test the constitutionality of the Federal statute.

**Idaho.**—Constitutional amendment is to be voted upon authorizing the investment of the permanent school fund in real estate mortgages, as well as in Government, State, and municipal bonds.

A State Engineer is to be appointed to inspect dams and dykes, and a Game Warden with stringent protective provisions.

A State Board of Examiners is created to examine and license physicians and surgeons; also a State Board of Examiners for dentists.

A State Board of Horticultural Inspection is ordered, with power of inspection of all fruit orchards and nurseries, the destruction of stock diseased, and the establishment of quarantine regulations.

A Bureau of Immigration, Labor, and Statistics is established.

In civil actions verdicts may be rendered by three-fourths, and in misdemeanor by five-sixths of a jury of twelve.

Eight hours made a day's labor on public works. Employés are prohibited from making any agreement with employers not to become or continue a member of a labor organization, under penalty of fine or imprisonment. A State Board of Arbitration is created.

A State Inspector of Mines and a State Sheep Inspector are to be appointed, with much power vested in them. Police officers shall not be brought into the State and specially deputized.

**Illinois.**—A Board of Inspectors of five, one from each of the following organizations: The Horticultural Society, the Dairyman's Association, the Retail Dealers' Association, the Butter and Egg Board, and League of Commission Merchants, is created, with power to inspect and license commission merchants. The office of State Entomologist is created, with power of inspection of orchards and nurseries.

A "Juvenile Court" is established, distinct from all other courts, in counties of over 500,000 inhabitants, for the trial, care, and disposition of all dependent, neglected, and delinquent children.

Pawners' societies are authorized, their rate of compensation for advances fixed, and the storage of pawns and pledges and the sale thereof regulated.

The Board of Pardons is granted greater powers, among which is the right to parole criminals confined in the State penitentiary.

The public exhibition for pecuniary gain of persons who have been conspicuous through some criminal act, which has a tendency to degrade human morals, or such exhibition of their pictures, or articles belonging to them, or the exhibition of persons whose deformity would attract public curiosity, is prohibited.

A State Food Commissioner is created, with power to inspect all food and see to the punishment of those who adulterate the same.

Deception, misrepresentation, false advertising, false pretences, and unlawful force in the procuring of employés to work are prohibited, and failure to state the existence of a strike, lockout, or other labor trouble shall be deemed false advertisement and misrepresentation, punishable by fine and imprisonment. It is declared a felony, with imprisonment in the penitentiary for from one to five years, to hire persons to guard with arms or deadly weapons other persons or property, and any person coming into the State with deadly weapons to so guard other persons or property, without a written permit from the Governor, shall be similarly punished.

Free employment offices are established, one in each city of over 50,000 people, and three in cities of over 1,000,000. These offices and the officials are to be sustained by the State.

The State Board of Health is to examine and license all physicians and surgeons. A State Board of Veterinary Examiners is created, and no veterinarian is to practise without a license. The State Board of Health is to supervise all lodging-houses, and the amount of air space therein in every sleeping-room to each person is fixed by law.

A State Mining Board of five members is created to have supervision of mines.

In addition to the five members of the board, the Governor is to appoint seven Inspectors of Mines. All these officials are paid by the State and have important powers. Very minute legislation is had as to the character of construction and the machinery of all mines, and safety appliances.

"Parental or Truant Schools" are established in cities, in which children guilty of habitual truancy or of habitual violation of public school rules shall be confined and taught.

What was known as the "Allen Bill" was repealed by the last Legislature. The bill repealed was passed two years ago, and permitted the extension of street railway franchises by municipalities from twenty to fifty years. The law just enacted restricts the old condition, and no franchise can be granted for a longer period than twenty years.

**Indiana.**—The importation of indigent children is forbidden, under heavy penalties, except as permitted by the State Board of Charities, which is granted great power.

A voter selling or offering to sell his vote at any general, special, or primary election, or convention, for money or property or thing of value, or for the promise of favor or hope of reward, or shall accept money, property, or thing of value with the promise or pretence of voting or refraining from voting for any candidate, shall be disfranchised for not less than ten nor more than twenty years. ¶

A "mob" is declared to be any collection of individuals assembled for any unlawful purpose, intending to injure any person by violence and without authority of law, and the act of violence committed is declared to be "lynching." When such violence results in death, those participating, or aiding and abetting, shall suffer death or imprisonment for life, and those present, but not participating, shall be imprisoned not less than two nor more than twenty-one years. The law provides for impeachment of officers from whose custody prisoners are taken by mobs, and where bystanders, being called upon, refuse to assist the officer in defending the prisoner, they are subject to fine and imprisonment.

A Public Library Commission is created, to which is given an appropriation for the purchase of "travelling libraries," which are to be carried about the State and loaned to local libraries, clubs, grades, colleges, societies, study circles, and other associations.

A Labor Commission is organized, composed of two members, one who shall have been for not less than ten years an employe for wages and who shall be affiliated with the labor interest; the other who shall have been for not less than ten years an employer of labor, both to be forty years of age and over, not members of the same political party, and neither to hold any other office. Such Commission, upon receipt of information of a strike, boycott, or other labor complication, shall put themselves in communication with the parties to the controversy, with a view to induce the parties to arbitrate. The arbitration board shall consist of the two Labor Commissioners, the Circuit Judge, and one to be selected by each of the contending parties, and the courts are charged with the duty of enforcing the award.

A "Department of Inspection" is created to carry out the provisions of a drastic and far-reaching law that provides with much detail and among other results the following: No person under fourteen shall be employed in any manufacturing or mercantile establishment, and no person under sixteen and no female under eighteen years of age shall work in such establishment more than sixty hours each week, and no person under sixteen shall be thus employed who cannot read and write the English language. Female labor in manufacturing shall not be employed between 10 o'clock P. M. and 6 o'clock A. M. No young person is permitted to operate any elevator.

Wages must be paid weekly to all who labor or are "in any other service for hire," and where parties employing neglect so to do suits to be brought and 50 per cent of the amount of the judgment shall be added as a penalty to be paid to the school fund. Unskilled labor on public work shall not receive less than fifteen cents an hour.

The principle of referendum in application to municipal ownership appears in an act providing that no ordinance for the purchase of or establishment of any water works or lighting plant or the granting of any franchise for the establishment or operation of any water works or lighting plant, street railroad, telephone, or telegraph company in any incorporated town shall go into effect until thirty days after its passage and until voted upon at the polls, if within thirty days a referendum is demanded by 40 per cent of the legal voters of such incorporated town.

**Kansas.**—Constitutional amendment increasing the Supreme Court Judges will be voted upon in 1900.

Dealing in futures and "bucket shop" transactions are prohibited under heavy penalties. The Board of Police Commissioners, created originally to enforce the prohibitory liquor law, has been abolished. This will practically bring about local option or home rule in liquor matters.

A Court of Visitation is created to take the place of the Board of Railroad Commissioners, which is abolished. The three judges are elective in 1900, and meantime are appointed. The court is invested with more power than has ever been conferred by law upon any human tribunal. It is to be in perpetual session, and is given greater power over railroads, express, and telegraph companies than can be exercised by their own board of directors or general officers. The court has legislative, executive, and judicial powers within itself. It fixes rates, and determines their reasonableness. It apportions charges among common carriers, classifies freight, compels train service, orders the building of depots, regulates crossings, prescribes rules for running of trains, and in short all railroads are operated under its direction and guidance. When its orders are disobeyed it tries the culprit, making its own rules of procedure. Any person may complain, and at the cost of the State, and with the aid of numerous officials, created for the purpose, the so-called trial is had. It shall investigate strikes, and if it finds the railroad company at fault it shall rectify matters by orders, and if the company does not obey the order the court shall seize and operate the road. If the strikers are at fault it shall order them to cease the strike. In questions of rates or service raised by any complainant, the company is presumptively wrong in the first instance. It is presumed to be guilty until it proves its innocence.

A "Charter Board," composed of the Attorney-General, Secretary of State, and State Bank Commissioners, is created. It grants all charters, regulates foreign insurance companies doing business in the State, inquiring as to their solvency.

The political disabilities of those who bore arms against the United States are removed. A novel law provides for an annual convention of labor organizations. The delegates shall elect a President, Vice-President, Secretary, and Assistant Secretary, who shall constitute the State Board of Labor and Industry. The Secretary shall be the Commissioner of Labor and Industry and Factory Inspector, and the Assistant Secretary shall be his assistant. Miners are to hold a similar convention, and the Secretary elected by such convention shall be the State Inspector of Mines. This election of salaried State officials by a part of the citizens acting in irresponsible conventions is certainly a new departure.

Wages must be paid in money. Travelling libraries are provided for. The office of Oil Inspector is created.

**Maine.**—It is a misdemeanor to advertise for sale debts, dues, accounts, or demands owing by any person, unless the party advertising is an executor, trustee, sheriff, or other official.

Intoxication from the use of intoxicating liquors, opium, or other drugs is made cause for divorce. Interest on personal loans with pledge of personal property is limited to the rate of 3 per cent monthly for three months, and 15 per cent per annum thereafter on sums of \$200 or less.

Library Commissioners are to be appointed by the Governor to encourage free public libraries. Ticket "scalping" is made a misdemeanor, and none but agents of railroads are allowed to sell personal or limited tickets, and same when unused must be redeemed by the company.

Shareholders in trust and banking companies are responsible to the creditors of their companies to an additional amount equal to the par value of their shares, and an assessment may be ordered by the court upon complaint of a bank examiner.

**Massachusetts.**—Bicycle paths are protected. A Board of Cattle Commissioners is created, with power to suppress contagious diseases, establish hospitals, and quarantine and kill cattle incurably diseased, without compensation to the owner.

The Bertillon method of identifying criminals is adopted. Process butter must be stamped "Renovated Butter." Collectors of debts dressed in a way to attract public attention are prohibited.

An elaborate law has been enacted relative to the descent and distribution of real and personal property.

Each town must elect a tree warden to care for public shade trees.

Weekly payment of wages to laborers is required.

Street railways are authorized to act as common carriers for packages and small parcels.

No bank shall do business as a trust company.

**Michigan.**—Brokers and commission men dealing in farm products must give bond. Adulteration of linsed oil and ground feed is forbidden. Bicycle paths are protected.

The city of Detroit was authorized to construct, acquire, maintain, and operate street railways.

Process butter and oleomargarine must be labelled.

A State Forestry Commission is established.

A State Board of Registration in Medicine is created, to examine and license all physicians and surgeons. A State Veterinary Board is ordered to examine all veterinarians. A State Board of Examiners of Barbers is created to examine and license barbers.

Women physicians shall be employed where women are restrained.

Horse-shoers are to be examined and licensed by a Board of Examiners appointed by the Governor of the State.

Interest is reduced to 5 per cent and by contract may be 7.

No child under fourteen shall be employed in any manufacturing establishment, and no child under sixteen shall work who cannot read and write, nor between 6 P. M. and 7 A. M.

A State Free Library Board is created.

A "mob" is defined to be any collection of persons pretending to exercise correctional power over other persons by violence and without authority of law, and the act exercised is called "lynching." The person injured and the legal representatives of those killed may recover from the county to the extent of \$5,000, the county having recovery over against the parties guilty of lynching.

County Judges may secretly grant license to and secretly perform the marriage ceremony for females about to give birth to a bastard child, whether the female is of marriageable age or not. Marriage is forbidden to persons having syphilis or other private diseases under penalty of five years' imprisonment, and husband, wife, and physician may be witnesses.

A tax of 3 per cent on the gross earnings within the State of express, and 2½ on telephone companies is imposed. A 5 per cent tax is levied upon all bequests of over \$500 to those who are not heirs and certain relatives and regularly adopted children.

An Anti-Trust law was passed.

**Minnesota.**—The Governor is to set apart a day for tree planting and to inculcate a sentiment for protection of birds.

The raising of sugar beets is encouraged, and sugar beet seed is to be distributed.

Bicycle paths are protected, and those throwing on any highway that which will injure bicycles or puncture tires are guilty of a misdemeanor.

Husband and wife are not liable for the debts of each other.

A State Dairy and Food Commissioner is to be appointed, with important duties devolving upon him. Milkmen in cities and towns must be licensed. Dairies are regulated. It is a misdemeanor to sell "renovated or boiled butter" without stamping it. The use of chemicals to preserve butter, milk, or cheese is prohibited.

A law governing, with much detail, primary elections for the nomination of candidates and another permitting the use of automatic voting machines have been enacted.

The preservation and growth of forests is encouraged and a State Board of Forestry is created.

A State Board of nine citizens is created to constitute tribunals of appeal from complaints of grain inspection. Their decision as to grade of grain is final.

Horses shall not be "docked," and docking their tails is made a misdemeanor.

Interest is reduced from 7 to 6 per cent.

"Travelling Libraries" are provided for, and a State Library Commission is created.

A Naval Reserve is established, composed of eight companies.

Fences over six feet high, maliciously erected for annoyance of neighbors, are declared a private nuisance, and may be abated.

Railroad Commissioners, heretofore appointed by the Governor, are hereafter to be elected. All narrow-gauge railroads are to be made of standard gauge. Rates on grain, flax, lumber, live stock, and coal in force for sixty days shall not be raised, except by authority of railroad commission. Free transportation shall be given to shippers of live stock. A caboose with a toilet room shall be attached to all live stock and emigrant trains.

Compulsory attendance at schools is enforced, and a truant officer is to be appointed.

**Missouri.**—Constitutional amendments are submitted providing for authorizing a jury to return a verdict upon two-thirds of their number concurring therein, and authorizing counties to levy a special tax of 15 cents on each \$100 of valuation for road and bridge purposes.

A State Poultry Association is created, with the Governor a member of the Executive Board.

A State Board to examine and license barbers is created.

A law striking at department stores becomes operative. Business in cities of over 50,000 inhabitants is divided into classes, seventy-three in number. These classes are divided into groups or grades, and it is made unlawful to expose or offer for sale in the same establishment, under a unit of management, goods, wares, and merchandise at retail of more than one of the classes or groups without having obtained a license. The Governor appoints in each city a License Commissioner, who shall receive applications and issue licenses. The license shall not be less than \$300 nor more than \$500 for every class or group, two-thirds of the license tax to be paid to the city and one-third to the State. Heavy penalties of fine or imprisonment are imposed upon those doing business in violation of the act, which is declared to be for the purpose of regulating department stores.

The Governor is to appoint Election Commissioners to supervise elections in cities of over 100,000 inhabitants. Candidates for Judge shall not be nominated at a convention where candidates for other offices are nominated.

The office of beer inspector is created. He is appointed by the Governor and is to inspect all beer and malt liquor and place his stamp upon that which is good. As a counteracting influence the law providing for the inspection of watermelons has been repealed and the office in each county of watermelon inspector has been abolished.

A manager, inspector, and board of trustees of a fruit experiment station are to be appointed by the Governor.

When goods are made under unclean or unhealthy conditions they shall be labelled by the Labor Commissioner "Tenement made" or "Made under unhealthy conditions" in letters two inches long and it is made unlawful to remove such tag.

No one shall work in a bakery room more than six days in one week, nor if afflicted with consumption, scrofula, or skin disease, and no one shall sleep in such room.

Eight hours is made a day's work in all mines except coal mines. Coal mined must be weighed before being screened and no contract to the contrary shall bind the parties thereto. Miners shall be paid at least once in every fifteen days and shall be given one hour above ground for each meal. The Governor shall appoint two mine inspectors, who are given much power in regard to mines.

All inheritances, except to direct heirs or persons dependent upon the testator, shall be taxed 5 per cent. The Anti-Trust law was strengthened.

**Montana.**—The office of court reporter is abolished in the Supreme Court and the Judges thereof are required to report their own decisions, being paid extra compensation therefor.

A State Board of Horticulture is created, with extraordinary powers for the inspection of trees and nursery stock, with power to condemn and destroy that which is infected or diseased beyond cure.

Stealing a ride upon a railroad is made a misdemeanor.

**Nebraska.**—The blanket system in elections has been amended so that a vote may be cast for all Presidential Electors and individually for all other candidates. Primary elections are controlled. Voting machines may be used. Under heavy penalties, candidates for nomination and election are forbidden to expend money for any purpose except personal expenses, which are limited to \$100 where there are 5,000 voters, for each additional 100 voters to 25,000 \$1.50, and not over 50,000 voters \$1 for each 100. After both nomination and election each candidate must file a verified statement of his expenditures fully itemized. Treasurers of parties must also file such statement.

A Food Commissioner is to be appointed by indirection, thus evading a constitutional inhibition. The Governor is to be the Commissioner, with power to appoint a deputy to perform the duties. He is to inspect and control the manufacture and sale of butter, cheese, and vinegar. Imitation of said foods must be marked and vendors licensed.

A State Board of Examiners of Embalmers is to be appointed to examine and license embalmers. Also a State Board to examine and license barbers.

An elaborate law has been passed regulating the formation, licensing, and operation of all insurance companies. The Governor is made Insurance Commissioner, with power to appoint a deputy to perform the labor.

No female shall be employed in any manufacturing or mercantile establishment, hotel, or restaurant more than sixty hours per week, and ten hours shall be for them a day's labor. Seats shall be provided for them. No child under ten years of age shall be employed, and none under fourteen during school terms.

Railroads must not work trainmen or telegraph operators over eighteen hours consecutively.

**Nevada.**—Inspection of causes and remedies for diseases of live stock is provided for by a State Live Stock Inspector.

A State Board of Medical Examiners is created to examine and license physicians and surgeons.

Counties may, on petition of two-thirds of the voters, purchase or construct telephone lines.

United States Senators may be nominated and voted for.

**New Hampshire.**—At the November election, 1900, the question of holding a constitutional convention will be submitted.

Attorneys are not to be held liable for fees of court officers.

Deposit books of banks shall be verified at least once in four years.

Plumbers shall be examined and licensed. Street cars shall inclose their platforms to protect employes. Embalmers shall be examined and licensed by the State Board of Health.

The Governor is to appoint a State liquor agent from whom all liquors shall be bought by the liquor agents appointed by city and town authorities. The act prescribes the manner of sale of all liquors in the State.

**New Jersey.**—A State Board of Children's Guardians is created, with large powers over friendless and poor children who become public charges.

Civil service seems to be applied to policemen in that they cannot be removed except for cause.

A State Sewage Commission is created, with power to prevent the pollution of streams, create sewage districts, and authorize the construction of sewers by condemnation proceedings and assessments upon municipalities. Horses are recognized as proper human food after inspection, and when slaughtered and offered for sale the meat shall be labelled "horse flesh."

Laborers not engaged in agricultural pursuits or water-men shall be paid their wages every two weeks, and agreements to the contrary are void.

**New Mexico.**—Banks shall annually publish names and amount of deposit whenever account has not been drawn upon for three years.

Cattle shall be inspected before shipment and a record shall be kept of cattle slaughtered, with description and names and addresses of vendors.

Legislation is had to prevent pollution of springs, wells, and streams. Where corporations collect money from employes for medical attendance they shall erect and maintain pest-houses.

Juries are selected by three persons appointed by the district court, and the party demanding a jury shall pay \$24 a day in advance as jurors' fees, to be taxed as costs.

A Territorial Commerce Commission is created, with most extraordinary powers. Corporations producing, refining, and selling coal oil, or any product of petroleum, must be licensed and pay \$500 yearly to the State. Those who do not produce but sell only, pay a small license as wholesale or retail dealers. The Commission has the power to fix the minimum and maximum price at which oil shall be sold, and heavy penalties, with revocation of license, are imposed for selling under or over the prices fixed.

**New York.**—Concentrated feed stuffs shall be sold in packages showing quantity and quality. Sizes of barrels and packages containing fruit are regulated.

Fraudulent and illegal use of secret society badges is made a misdemeanor.

Bicycle paths are protected. It is a misdemeanor to test endurance in bicycle riding or racing in a contest by riding more than twelve out of twenty-four hours.

Cities of 250,000 inhabitants or more may establish hospitals for treatment of pulmonary diseases. The Board of Examiners shall be continued to examine and license horse-shoers.

The rules of the civil service are greatly extended. The State and city officials, except those elected and those appointed by the Governor and Legislature, or appointed under statutes by name, also all heads of departments, election officers, and superintendents, principals, and teachers in public schools, are brought under the civil service, with a system of competitive examination for all except laborers.

Corporations for supplying light, heat, or power through electricity may have the use of streets. The personal liability of officers and directors is guarded.

"Renovated Butter" shall be labelled.

Voting machines are to be tested and selected. The Governor is given enlarged powers for the protection of the elective franchise and the punishment of crimes against the election laws.

An eight-hour law was passed, the main feature of which is the prohibition of the use of materials in public contract work, if like wages were not paid where the material was prepared as were paid

where it was used. No child under eighteen years of age and no female shall be employed in any factory using any emery or polishing wheel.

The high license law has been strengthened.

Slot machines are prohibited, with prosecution of owner and destruction of machine.

A franchise tax bill has become a law. Hitherto the tangible real and personal property only of corporations was taxable. Hereafter franchises will be assessed for taxation.

Trusts and pools to control rates of transportation between this country and Europe are forbidden. Contracts and combinations to monopolize commodities in common use, to restrict competition in the sale or price thereof or prevent the pursuit of any business or trade are declared illegal and void and are punishable by fine and imprisonment.

**North Carolina.**—Constitutional amendment is to be voted upon fixing the suffrage for males; requiring a residence of naturalized or native-born citizens of two years in the State; the payment of poll-tax for the previous year, and ability to read and write any section of the Constitution in the English language. The educational qualification shall not apply to those who were entitled to vote January 1, 1867, and to their lineal descendants.

Corporations, foreign, may be domesticated by filing charter with Secretary of State and paying legal fees. The Railway Commission is abolished, and in its stead a Corporation Commission is to be elected, with large powers as to fixing rates of charges in railroad, transportation, express, telephone, and telegraph lines. It is also to regulate banks, trust and insurance companies, and is to assess the property of transportation companies.

An elaborate election law has been passed creating a State Board of Elections, which appoints the county boards. All voters must be registered after payment of poll-tax.

The office of Commissioner of Insurance is created, with great power and stringent provisions. Labor Day is made a legal holiday. The office of Commissioner of Labor and Printing is created. Local option for sale of liquors is provided for, and the dispensary system is adopted as to certain counties. A rebate of one-half the road tax is allowed to those who use broad-tire wagons.

A general tax law was passed. About all occupations pay a license tax. Telegraph, telephone, and express companies pay 2 per cent on gross receipts from State business. Corporations are taxed according to capital stock. All incomes derived from property not already taxed, and of over \$1,000 derived from salaries or fees, shall be taxed.

Formation of trusts is prohibited and heavy penalties, with forfeiture of charter, inflicted. Contracts in relation thereto declared void.

**North Dakota.**—Corporations for religious or charitable purposes shall not acquire more than \$100,000 in value of real estate.

Dairy products are placed under control of the Commissioner of Agriculture; licenses are required to be taken by dairymen, and renovated butter, oleomargarine, and tinned cheese must be labeled. Game and fish are protected, the office of State Game Warden created, and license to hunt must be had, with fee of \$25 to non-residents and 75 cents to residents.

Ten years' adverse open and undisputed possession make title to real estate. Free text books are provided for schools and physical training must be taught.

**Oklahoma.**—A Bank Commissioner is to be appointed, and a law was passed regulating the organization and business of banking and duties and liabilities of officers and stockholders.

The Australian Ballot law with the "blanket" provision for voting was passed.

A Department of Geology and Natural History is established with the duties signified by the title. School districts are required to levy a tax for public libraries. The law is compulsory.

Notes and mortgages given by members of building and loan associations are exempt from taxation.

A Chief Grain Inspector is to be appointed, with supervision of all warehouses, elevators, and granaries. License and bond are required and a complete system of grain inspection is provided.

**Oregon.**—The people will vote upon constitutional amendments providing for the initiative and referendum system of enacting laws and for universal suffrage.

A Board of Examiners of Barbers is appointed and barbers must be examined, licensed, and registered. A State Biologist is to be appointed.

Police duty shall not be performed by imported armed men, nor shall such bodies be brought into the State or maintained, except by the municipality. Crimes may be prosecuted by information, and Grand Juries may be dispensed with.

A State Board of Dental Examiners is appointed and dentists must be examined and licensed. A Game and Forestry Warden is to be appointed, with large executive powers.

A pure food bill was passed and the people are to elect a Dairy and Food Commissioner to analyze food, issue stamps for food sold that is adulterated, and prosecute offenders.

Interest has been reduced from 8 to 6 per cent. The Railroad Commissioner law has been repealed and there is no such law in Oregon.

Convicts are to work on public highways. Wide-tire vehicles secure to owner a rebate on road tax.

A Board of Text Commissioners is created for uniformity of text books. The entire school system has been remodelled.

The State Board of Equalization of Taxation is abolished.

**Pennsylvania.**—A Board of Accountant Examiners is created to examine and license all who desire to act as public expert accountants, and none but those holding the certificate of the board shall act as such.

The construction of bicycle paths is authorized, and wilful injury thereto is made a misdemeanor. In cities of first class a Bureau of Building Inspection is required, attached to the Department of Public Safety, under the control of the Director of Public Safety. The law at great length and with minutest detail regulates the construction of buildings.

The sale of what is commonly called "boiled" or "process" butter is prohibited, unless the same is marked "Renovated Butter." The sale of oleomargarine and butterine is regulated.

The public health is proposed to be guarded by prohibiting the sale of goods in second-hand bottles and jars. The establishment or maintenance of additional hospitals, pest-houses, and burying grounds, in the built-up portion of cities, is prohibited.

A State Board of Free Library Commissioners is created to advise free library associations, and to establish "Travelling Libraries." The minimum school term shall be seven months.

Wife may be a witness adverse to her husband where he in any action sets up an attack upon her character. This is to be the rule in criminal cases, and in civil actions where the husband is sued for necessities furnished the wife.

**Rhode Island.**—A State Commission is to be appointed by the Governor to protect birds, and prosecute those molesting them.

Kidnapping children is made a felony. Probation offices are provided to take charge of juvenile offenders, who shall be kept separate from adults.

Primary elections and caucuses are regulated. Every political party shall elect a State committee.

**South Carolina.**—A license is required for trading in sea island cotton in the seed. It is a misdemeanor for a cotton buyer to refuse to receive bales of cotton after purchasing by sample, where the bale weighs over three hundred pounds, because of lightness. Maximum charges have been prescribed for handling and selling tobacco by warehousemen. Fertilizers are to be inspected by the trustees of the Clemson Agricultural College. The State Board of Health shall enforce quarantine laws as to live stock.

The charters of cities and towns may be amended by vote of the electors. Cities of 45,000 inhabitants shall not create debt or liability beyond the income of the current year without a vote of two-thirds of the Council and then two-thirds of the qualified voters.

State Board of Health may enforce vaccination, and those interfering or resisting shall be punished by fine or imprisonment, "which shall not stand in lieu of vaccination."

Fire companies that combine to make rates of insurance shall have licenses revoked.

Seats shall be furnished for female employes. Wages of discharged employes shall become due immediately.

The law giving the Governor power to appoint police officers to enforce the Dispensary Liquor law has been repealed. The use of the impression of the palmetto tree on bottles is prohibited.

**South Dakota.**—At the election of 1898 the people voted that the manufacture and sale of liquor should be under exclusive State control and conducted by salaried agents of the State. At the general election of 1900 the question of the repeal of this article will be voted on.

Cattle shall not be loaded upon cars, or shipped, or driven from the State, except by the owner or on his written consent.

Registration of all voters must be had this year. An elaborate law has been enacted regulating manufacture and sale of food and providing against the adulteration thereof.

The initiative and referendum is to be applied both as to State and municipalities under laws passed in compliance with the constitutional amendment adopted by the people in 1895.

Mine owners before employing laborers must post on their property a true copy of all mortgages and incumbrances. To divulge telegraph and telephone messages without written consent of sender is made a misdemeanor.

**Tennessee.**—Battlefields are protected, and those removing or injuring any monument, marker, fence, or other structure upon or adjacent thereto are punishable by fine.

Cemeteries are not to be located within ten miles of city upon any stream or water-shed supplying same with water.

In certain populous counties primary elections are to be held under the general election law.

Wages of all employes to the extent of \$30 are exempt.

Grave robbery is made a felony, punishable with imprisonment not less than two years. Bodies of those dying in penal or charity institutions, when unclaimed by friends or relatives, shall be turned over to regularly incorporated medical and dental colleges.

Saturday afternoons and the second Friday in May, known as Confederate Decoration Day, are made public holidays.

All coupons, scrip, punchouts, and store orders issued to employes must be redeemed in money for their face value, if presented within thirty days of issue. Contractors on public works must give bonds to pay for all material and labor. Counties must work county prisoners on public roads. A State Shop and Factory Inspector is to be appointed by the Governor, with large powers.

Written consent of parent or guardian to marriage is required for persons under sixteen years of age. All statutes on maintenance and champerty are repealed.

Monopoly in news is prevented by requiring agencies to sell news to all newspapers and publishers at the same price.

Retiring partners are exempt from further liability after four weeks' published notice.

Single railroads shall not monopolize narrow mountain passes.

An elaborate revenue law was passed, with specific occupation and business taxes on nearly every form of business.

Uniform text books are required in public schools, to be selected by a State Commission.

**Texas.**—Acting under the provision of the Constitution of the United States, providing that on the application of two-thirds of the States a convention shall be called for proposing amendments to the Constitution, the Legislature of Texas requests Congress to call such convention.

A State Entomologist is to be appointed to take means to destroy insects injuring cotton. Commercial fertilizers are to be analyzed. Public weighers to the number of five in each city are to be appointed by the Governor in all cities which receive annually 100,000 bales of cotton for sale or shipment. All other cities and counties are to elect public weighers. They are to weigh all cotton, wool, grain, and sugar sold or offered for sale, and mark the weight on the packages containing the same.

Quantity and quality of wheat and corn and products thereof must be marked on the package. In each city, town, and village a "Corporation Court" is established, with limited civil and criminal jurisdiction.

Trades unions are established and members are authorized, and it is made legal for them to induce by peaceable means other persons to accept or quit employments or pursuits, but they shall not invade the premises of another without his consent.

A railroad law was passed inflicting severe penalty, imprisonment in the penitentiary for not less than two nor more than five years, for any person giving rebates or drawbacks, charging one shipper more than another, giving unreasonable preference, or unjust discrimination. Companies must furnish cars on demand and deposit of one-fourth freight charges, under heavy penalties. General officers must reside in and keep their offices in the State of Texas. The Railroad Commission is given power to fix emergency rates to prevent interstate rate wars.

A Tax Commission is appointed to devise ways and means for securing a more efficient method of taxation. A Revenue Agent is to be appointed by the Governor to enforce the revenue laws and investigate and check up all receiving and disbursing officials.

A strong Anti-Trust law has been enacted, with heavy penalties, including fine, forfeiture of charter, and inability to collect on any article sold or contract made. It prohibits trusts, pools, monopolies, or interference with competition in articles of commerce, insurance premiums, or the gathering or distribution of news. Whitecapping is defined to be the posting or sending of any anonymous notice or threats to do personal violence with intent to interfere with the right of any person to occupy any premises, precinct, or county, or to follow any occupation.

**Utah.**—A State Institute of Art is established, with a State Board to govern and control.

The State Board of Pardons may parole convicts who have served the minimum term fixed by law, except those convicted of murder.

Primary elections are regulated and illegal voting thereat punished.

A State Fish and Game Commissioner is appointed, with large powers, and each county must appoint a County Game and Fish Warden. A State experimental fruit farm is established.

Title by adverse possession cannot be acquired against municipalities.

**Vermont.**—Age of consent changed from fourteen to sixteen years.

A State Bacteriological Laboratory is established. A Board of Prison Commissioners is established to investigate applications for pardons and report to the Governor.

The Governor shall appoint a State Highway Commissioner, with large powers as to highways.

The Governor is to appoint a Board of Normal School Commissioners to take charge of Normal and Training Schools.

No Probate Court shall accept a foreign surety company on any bond unless it has deposited with the Insurance Commissioners securities worth \$100,000.

Street cars must be equipped with fenders and guards.

**Washington.**—Constitutional amendment to allow \$300 exempt from taxation to heads of families. A bounty is given to sugar from beets. A State Hop Inspector is to be appointed.

Bicycles are declared baggage, and paths are protected.

A State Dairy Commissioner is to be appointed, with large powers. Skimmed milk and cheese made therefrom must be labelled in large letters. Milk cans must be marked showing capacity and all milkmen in cities must be licensed.

Electric power companies are given the power of eminent domain, and those interfering with electric currents are to be punished.

The office of State Game Warden is created. A pure food bill was passed. The State Board of Pharmacy shall examine and license all druggists.

A "Horse-Shoers' Board of Examiners" is required to examine, register, and license all horse-shoers in cities.

It is a misdemeanor to blacklist an employé. Eight hours made a day's work on public works.

An elaborate mining law, similar to Colorado's law, has been passed.

The State Board of Pardons has been abolished.

Compulsory school attendance is required in cities of over 10,000 inhabitants.

**West Virginia.**—The people will vote in 1900 upon an amendment that no charter of incorporation shall be granted to any church or religious denomination; but societies may be formed for missionary purposes.

Abandoned and neglected children, helpless aged persons, and animals are placed under the care of a State Board called "The West Virginia Humane Society," a part of which board shall be women. Orphan children and those in almshouses may be placed in homes by Children's Aid Societies.

The State establishes three hospitals, each under a State Board, for free treatment of those hurt in mines and on railroads. Others injured or hurt may be treated at cost to the State. Embalmers are to be examined and licensed by a State Board of Embalmers.

The fire insurance "valued policy" law has been adopted.

Eight hours is made a day's labor on all public works.

Days of grace on negotiable instruments are abolished. A State Board of Pardons is created to consider and advise the Governor as to pardons, commutations of sentence, and reprieves.

**Wisconsin.**—Age of consent changed from fourteen to eighteen years.

Judges shall not be paid salary until they file oaths that no cause pending has remained undecided for ninety days after submission.

"Renovated butter" shall be stamped and sold as such.

Primary elections and caucuses are re stringently regulated.

Factories and workshops are regulated very strictly as to sanitation, air space, and conveniences. Clothing and cigars shall not be manufactured in living rooms by those not members of the family. Cigars shall not be manufactured under ground. The milk supply is carefully guarded.

Trees and nursery stock shall be inspected and any incurably diseased destroyed.

The place of payment of time checks is fixed. Notice to quit employment or discharge employé must be reciprocal. It is a fine offense to threaten discharge or to promise higher wages to influence a person's vote, or to coerce any person to agree not to join any labor union as a condition for employment. Seats shall be furnished for female employées. Travelling libraries are provided for.

Legislative agents and counsel employed to promote or oppose legislation, affecting the pecuniary interests of any person or corporation, must have their names recorded in a legislative docket provided for the purpose. No other person shall thus act under heavy penalty. Within thirty days after adjournment of the Legislature the employer must file with the Secretary of State a sworn statement showing in detail all the expenses and expenditures of such agent or counsel.

Marriage licenses must be obtained at least five days before marriage. Heretofore licenses to marry were not required, and Wisconsin was a *Gretna Green* for adjoining States.

Minors under fourteen shall not be employed except during vacation of public schools. Those under sixteen shall not work more than ten hours in any one day, nor before 6 in the morning nor after 9 at night.

It is made unlawful for any political committee, candidate for office, State, county, or municipal officers, to ask for or receive any pass or frank on any railroad, express, or telegraph company for the free transmission of any person, property, or message. The penalty for violation is very severe, being fine from \$200 to \$1,000, or imprisonment in the penitentiary from one to five years.

A Commissioner of Taxation is to be appointed, and a very extensive tax law was passed looking to a uniform and improved system. Taxes are imposed on gifts and legacies of property worth over \$10,000, of 5 per cent when not to an immediate heir, and 1 per cent to those of kin.

**Wyoming.**—Bounties, both State and county, are given for destruction of certain wild animals. Children deserted, orphaned, or surrounded by evil and corrupting influences, are under court orders to be cared for, and given to any active society organized to secure homes for such children.

Husband and wife may be witnesses against each other in many cases in which heretofore they were barred. The office of Game Warden is created.

An elaborate law has for its object the selection of jurors, and compelling the performance of jury duty. A juror must be a male citizen able to understand the English language, and appear upon the last assessment roll. When it is recalled that woman suffrage obtains in Wyoming this exaction of jury duty from the males of the State only is worthy of note.

Where a husband spends his earnings for liquors, or in gambling, and his wife or family are deprived of the common necessities of life, the wife may serve notice upon the liquor dealer not to furnish liquor to, or the gambling-house not to permit the husband to game, and after such notice the keeper of the liquor or gaming house is liable for all damages to wife or children.

A State Board of Medical Examiners is created, and no person shall practice without examination. Officers incurring liability for municipalities beyond the lawful limit are made individually liable upon their bonds.

Persons derailing trains, boarding trains to rob, or placing explosives upon the track with intention to blow up or derail, or firing bridges or trestles with intent to wreck cars or trains, shall be punished with death or life imprisonment. Schools are to be furnished with free text books.

Headgear obstructing view of any other person in theatres must be removed, or fine ensues.



## The Presidential Election of 1900.

The next Presidential election will take place on Tuesday, November 6, of the present year. The President and Vice-President of the United States are chosen by officials termed "Electors" in each State, who are, under existing State laws, chosen by the qualified voters thereof by ballot, on the first Tuesday after the first Monday of November in every fourth year preceding the year in which the Presidential term expires.

The Constitution of the United States prescribes that each State shall "appoint," in such manner as the Legislature thereof may direct, a number of electors equal to the whole number of Senators and Representatives to which the State may be entitled in Congress; but no Senator or Representative or person holding an office of trust or profit under the United States shall be an elector. The Constitution requires that the day when electors are chosen shall be the same throughout the United States. At the beginning of our Government most of the electors were chosen by the Legislatures of their respective States, the people having no direct participation in their choice; and one State, South Carolina, continued that practice down to the breaking out of the Civil War. But in all the States now the electors are, under the direction of State laws, chosen by the people on a general State ticket.

The manner in which the chosen electors meet and ballot for a President and Vice-President of the United States is provided for in Article XII. of the Constitution, and is as follows:

The electors shall meet in their respective States, and vote by ballot for President and Vice-President, one of whom, at least, shall not be an inhabitant of the same State with themselves; they shall name in their ballots the person voted for as President, and in distinct ballots the person voted for as Vice-President; and they shall make distinct lists of all persons voted for as President, and of all persons voted for as Vice-President, and of the number of votes for each, which lists they shall sign and certify, and transmit, sealed, to the seat of government of the United States, directed to the President of the Senate.

The same article then prescribes the mode in which the Congress shall count the ballots of the electors, and announce the result thereof, which is as follows:

The President of the Senate shall, in the presence of the Senate and House of Representatives, open all the certificates, and the votes shall then be counted; the person having the greatest number of votes for President shall be President, if such number be a majority of the whole number of electors appointed; and if no person have such majority, then from the persons having the highest numbers, not exceeding three, on the list of those voted for as President, the House of Representatives shall choose immediately, by ballot, the President. But in choosing the President the votes shall be taken by States, the representation from each State having one vote; a quorum for this purpose shall consist of a member or members from two-thirds of the States, and a majority of all the States shall be necessary to a choice. And if the House of Representatives shall not choose a President, whenever the right of choice shall devolve upon them, before the fourth day of March next following, then the Vice-President shall act as President, as in the case of the death or other constitutional disability of the President. The person having the greatest number of votes as Vice-President shall be the Vice-President, if such number be a majority of the whole number of electors appointed; and if no person have a majority, then from the two highest numbers on the list the Senate shall choose the Vice-President; a quorum for the purpose shall consist of two-thirds of the whole number of Senators, and a majority of the whole number shall be necessary to a choice.

The procedure of the two houses, in case the returns of the election of electors from any State are disputed, is provided in the "Electoral Count" act, passed by the Forty-ninth Congress. The act directs that the Presidential electors shall meet and give their votes on the second Monday in January next following their election. It fixes the time when Congress shall be in session to count the ballots as the second Wednesday in February succeeding the meeting of the electors.

The Constitution also defines who is eligible for President of the United States, as follows:

No person except a natural-born citizen or a citizen of the United States at the time of the adoption of this Constitution shall be eligible to the office of President; neither shall any person be eligible to that office who shall not have attained to the age of thirty-five years.

The qualifications for Vice-President are the same.

## Ballots for Candidates for President

### IN THE NATIONAL DEMOCRATIC AND REPUBLICAN CONVENTIONS

1832. Democratic National Convention at Baltimore. Jackson nominated by acclamation.
1844. Democratic National Convention at Baltimore. First ballot, Van Buren, N. Y., 143; Cass, Mich., 83; Johnson, Ky., 24; Buchanan, Pa., 4. Ninth and last ballot, Volk, Tenn., 232; Cass, 17; Van Buren, 10.
1848. Democratic National Convention at Baltimore. First ballot, Cass, Mich., 125; Buchanan, Pa., 55; Woodbury, N. H., 53; Calhoun, S. C., 9; Worth, N. Y., 6; Dallas, Pa., 3. Fourth and last ballot, Cass, 242; Woodbury, S. Buchanan, 4.
1852. Democratic National Convention at Baltimore. First ballot, Cass, Mich., 116; Buchanan, Pa., 98; Marcy, N. Y., 27; Douglas, Ill., 20; Lane, Ore., 13. Forty-ninth and last ballot, Pierce, N. H., 282; scattering, 4.
1856. Democratic National Convention at Cincinnati. First ballot, Buchanan, Pa., 135; Pierce, N. H., 122; Douglas, Ill., 33; Cass, Mich., 5. Seventeenth and last ballot, Buchanan, 296.
1856. Republican National Convention at Philadelphia. First and only ballot, Fremont, Cal., 359; McLean, Ohio, 196.
1860. Democratic National Convention at Charleston, S. C. First ballot, Douglas, Ill., 145; Hunter, Va., 42; Guthrie, Ky., 35; Johnson, Ga., 12; Dickinson, N. Y., 7; Lane, Ore., 6; Jefferson Davis, Miss., 1; Toucey, Ct., 1; Pierce, N. H., 1. Fifty-seventh ballot, Douglas, 151; Guthrie, 65; Hunter, 16; Lane, 14; Dickinson, 4; Davis, 1. No choice. The Convention adjourned to meet at Baltimore, where Douglas was nominated on the second ballot, the vote being, Douglas, 181; Breckinridge, Ky., 7; Guthrie, Ky., 5; Seymour, N. Y., 1; Bocock, Va., 1.
- The Convention of the anti-Douglas Democrats at Baltimore nominated Breckinridge, who had 105 votes, without opposition.
1860. Republican National Convention at Chicago. First ballot, Seward, N. Y., 137½; Lincoln, Ill., 102; Chase, Ohio, 49; Bates, Mo., 48; Dayton, N. J., 14; McLean, Ohio, 12. Third and last ballot, Lincoln, 281½; Seward, 180; Chase, 24½; Bates, 22; McLean, 8.
1864. Democratic National Convention at Chicago. First and only ballot, McClellan, N. J., 202½; Seymour, N. Y., 23½.
1864. Republican National Convention at Baltimore. Lincoln was nominated without opposition, except that Grant received the vote of Missouri.
1868. Democratic National Convention at New York. First ballot, Pendleton, Ohio, 105; Johnson, Tenn., 65; Hancock, Pa., 33; Doolittle, Wis., 13; Hendricks, Ind., 2. (Scattering votes were also cast in subsequent ballots for Parker, N. J.; English, Ct.; Packer, Pa.; Ewing, Ohio; Adams, Mass.; McClelland, Ill.; Pierce, N. H.; Hoffman, N. Y.; Field, Cal., and Seymour, Ct.) Twenty-second and last ballot, Seymour, N. Y., was nominated by acclamation.

## BALLOTS FOR CANDIDATES FOR PRESIDENT—Continued.

1868. Republican National Convention at Chicago. Grant was nominated unanimously.  
 1872. Democratic National Convention at Baltimore. First and only ballot. Greeley, N. Y., 688; Bayard, Del., 15. Black, Pa., 21; Grosbeck, Ohio, 2.  
 1872. Republican National Convention at Philadelphia. Grant was nominated unanimously.

## 1876.

## DEMOCRATIC NATIONAL CONVENTION, ST. LOUIS, JUNE 23.

| CANDIDATES.            | 1st Ballot. | 2d Ballot. |
|------------------------|-------------|------------|
| Total vote.....        | 738         | 738        |
| Necessary to a choice* | 492         | 492        |
| Tilden, N. Y.....      | 408½        | 508        |
| Hendricks, Ind.....    | 133½        | 85         |
| Hancock, Pa.....       | 77          | 60         |
| Allen, O.....          | 56          | 54         |
| Bayard, Del.....       | 56          | 11         |
| Parker, N. J.....      | 18          | 18         |
| Broadhead, Mo.....     | 19          | ..         |

Tilden nominated on 2d ballot.

## REPUBLICAN NATIONAL CONVENTION, CINCINNATI, JUNE 16.

| CANDIDATES.             | 1st Ballot. | 2d Ballot. | 3d Ballot. | 4th Ballot. | 5th Ballot. | 6th Ballot. | 7th Ballot. |
|-------------------------|-------------|------------|------------|-------------|-------------|-------------|-------------|
| Total vote.....         | 766         | 743        | 752        | 749         | 749         | 748         | 756         |
| Necessary to a choicet. | 379         | 372        | 377        | 375         | 375         | 375         | 379         |
| Blaine, Me.....         | 291         | 298        | 298        | 292         | 287         | 308         | 351         |
| Morton, Ind.....        | 125         | 112        | 113        | 108         | 95          | 85          | ..          |
| Bristow, Ky.....        | 113         | 114        | 131        | 126         | 114         | 111         | 21          |
| Conkling, N. Y.....     | 96          | 93         | 90         | 84          | 82          | 81          | ..          |
| Hayes, O.....           | 65          | 64         | 67         | 68          | 102         | 113         | 384         |
| Hartranft, Pa.....      | 58          | 63         | 63         | 71          | 69          | 50          | ..          |
| Jewell, Ct.....         | 11          | ..         | ..         | ..          | ..          | ..          | ..          |

Hayes nominated on the seventh ballot.

\*Two-thirds vote necessary to a choice in the Democratic National Conventions. † Majority vote necessary to a choice in the Republican National Conventions.

## 1880.

## DEMOCRATIC NATIONAL CONVENTION, CINCINNATI, JUNE 23, 24.

| CANDIDATES.           | 1st Ballot. | 2d Ballot. |
|-----------------------|-------------|------------|
| Total vote.....       | 738         | 738        |
| Necessary to a choice | 492         | 492        |
| Hancock, Pa.....      | 171         | 320        |
| Bayard, Del.....      | 153½        | 113        |
| Payne, O.....         | 81          | ..         |
| Thurman, O.....       | 68½         | 60         |
| Field, Cal.....       | 65          | 65½        |
| Morrison, Ill.....    | 62          | ..         |
| Hendricks Ind.....    | 50½         | 31         |
| Tilden, N. Y.....     | 38          | 6          |
| Randall, Pa.....      | 6           | 129½       |
| Scattering.....       | 2           | †          |

Hancock nominated by acclamation, after the second ballot.

\*Ewing O., 10; Seymour, N. Y., 8; Loveland, Col., 5; McDonald, Ind. 3; Parker, N. J., 1; Black, Pa., 1; Jewett, O., 1; English, Ind., 1; Lathrop Mich., 1. †English, Ind., 19. Parker, N. J. 2; Jewett, O. 1.

## REPUBLICAN NATIONAL CONVENTION, CHICAGO JUNE 7, 8.

| CANDIDATES.             | 1st Ballot. | 31st Ballot. | 32d Ballot. | 33d Ballot. | 34th Ballot. | 35th Ballot. | 36th Ballot. |
|-------------------------|-------------|--------------|-------------|-------------|--------------|--------------|--------------|
| Total vote.....         | 755         | 755          | 755         | 755         | 756          | 756          | 755          |
| Necessary to a choice.. | 378         | 378          | 378         | 378         | 379          | 379          | 378          |
| Grant, Ill.....         | 304         | 308          | 309         | 309         | 312          | 313          | 306          |
| Blaine, Me.....         | 224         | 276          | 270         | 275         | 275          | 257          | 43           |
| Sherman, O.....         | 93          | 118          | 117         | 110         | 107          | 99           | 3            |
| Edmunds, Vt.....        | 34          | 11           | 11          | 11          | 11           | 11           | ..           |
| Washburne, Ill.....     | 30          | 37           | 44          | 45          | 30           | 23           | 5            |
| Windom, Minn.....       | 10          | 3            | 3           | 4           | 4            | 3            | ..           |
| Garfield, O.....        | ..          | 1            | 1           | 1           | 17           | 50           | 399          |
| Conkling, N. Y.....     | ..          | 1            | ..          | ..          | ..           | ..           | ..           |

Garfield nominated on the thirty-sixth ballot.

## 1884.

## DEMOCRATIC NATIONAL CONVENTION, CHICAGO, JULY 11.

| CANDIDATES.            | 1st Ballot. | 2d Ballot. |
|------------------------|-------------|------------|
| Total vote.....        | 820         | 820        |
| Necessary to a choice. | 547         | 547        |
| Cleveland, N. Y.....   | 392         | 683        |
| Bayard, Del.....       | 170         | 81½        |
| Thurman, O.....        | 88          | 4          |
| Randall Pa.....        | 78          | 4          |
| McDonald, Ind.....     | 56          | 4          |
| Carlisle, Ky.....      | 27          | ..         |
| Flower, N. Y.....      | 4           | ..         |
| Hoadly O.....          | 3           | ..         |
| Hendricks, Ind.....    | 1           | 46½        |
| Tilden, N. Y.....      | 1           | ..         |

Cleveland nominated on 2d ballot.

## REPUBLICAN NATIONAL CONVENTION, CHICAGO, JUNE 6.

| CANDIDATES.                | 1st Ballot. | 2d Ballot. | 3d Ballot. | 4th Ballot. |
|----------------------------|-------------|------------|------------|-------------|
| Total vote.....            | 818         | 818        | 819        | 813         |
| Necessary to a choice..... | 410         | 410        | 410        | 407         |
| Blaine, Me.....            | 334½        | 349        | 375        | 541         |
| Arthur, N. Y.....          | 278         | 276        | 274        | 207         |
| Edmunds, Vt.....           | 93          | 85         | 69         | 41          |
| Logan, Ill.....            | 63½         | 61         | 53         | 7           |
| Sherman, O.....            | 30          | 26         | 26         | ..          |
| Hawley, Ct.....            | 13          | 13         | 13         | 15          |
| Lincoln, Ill.....          | 4           | 4          | 8          | 2           |
| Gen. Sherman, Mo.....      | 2           | 2          | 2          | ..          |

Blaine nominated on the fourth ballot.

# Ballots for Candidates for President.

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## BALLOTS FOR CANDIDATES FOR PRESIDENT—Continued.

1888.

### DEMOCRATIC NATIONAL CONVENTION, ST. LOUIS, JUNE 6.

| CANDIDATE.            |                              |
|-----------------------|------------------------------|
| Cleveland, N. Y. .... | Nominated<br>by acclamation. |
|                       |                              |

Cleveland nominated by acclamation, without a ballot.

### REPUBLICAN NATIONAL CONVENTION, CHICAGO, JUNE 22, 24, 25.

| CANDIDATES.       | 1st Ballot. | 2d Ballot. | 3d Ballot. | 4th Ballot. | 5th Ballot. | 6th Ballot. | 7th Ballot. | 8th Ballot. |
|-------------------|-------------|------------|------------|-------------|-------------|-------------|-------------|-------------|
| Total vote.....   | 830         | 830        | 830        | 830         | 830         | 830         | 831         | 830         |
| Nec'y to a choice | 416         | 416        | 416        | 415         | 414         | 416         | 416         | 416         |
| Harrison, Ind.... | 80          | 91         | 94         | 217         | 213         | 431         | 278         | 544         |
| Sherman, O.....   | 229         | 249        | 244        | 235         | 224         | 244         | 231         | 118         |
| Alger, Mich.....  | 84          | 116        | 123        | 135         | 142         | 137         | 120         | 100         |
| Gresham, Ind....  | 111         | 108        | 123        | 98          | 87          | 91          | 91          | 59          |
| Allison, Ia.....  | 72          | 75         | 83         | 88          | 99          | 73          | 76          | ..          |
| Depew, N. Y.....  | 99          | 99         | 91         | ..          | ..          | ..          | ..          | ..          |
| Rusk, Wis.....    | 25          | 20         | 16         | ..          | ..          | ..          | ..          | ..          |
| Phelps, N. J..... | 25          | 18         | 5          | ..          | ..          | ..          | ..          | ..          |
| Ingalls, Kan..... | 28          | 16         | ..         | ..          | ..          | ..          | ..          | ..          |
| McKinley, O.....  | 2           | 3          | 8          | 11          | 14          | 12          | 16          | 4           |
| Blaine, Me.....   | 35          | 33         | 35         | 42          | 18          | 40          | 15          | 5           |
| Scattering*.....  | 40          | 2          | 4          | 3           | ..          | 2           | 2           | ..          |

Harrison nominated on the eighth ballot.

\* Fittler, Pa., 24; Hawley, Ct., 13; Lincoln, Ill., 3; on first ballot.

1892.

### DEMOCRATIC NATIONAL CONVENTION, CHICAGO, JUNE 23.

| CANDIDATES.                | 1st Ballot. |
|----------------------------|-------------|
| Total vote.....            | 909½        |
| Necessary to a choice..... | 607         |
| Cleveland, N. Y.....       | 617½        |
| Hill, N. Y.....            | 114         |
| Boies, Ia.....             | 103         |
| Gorman, Md.....            | 36½         |
| Stevenson, Ill.....        | 16¾         |
| Scattering*.....           | 23          |

Cleveland nominated on the first ballot. \* Carlisle, Ky., 14; Morrison, Ill., 3; Campbell, O., 2; Russell, Mass., 2; Pattison, Pa., 1; Whitney, N. Y., 1.

### REPUBLICAN NATIONAL CONVENTION, MINNEAPOLIS, JUNE 7, 9, 10, 11.

| CANDIDATES.                | 1st Ballot. |
|----------------------------|-------------|
| Total vote.....            | 904½        |
| Necessary to a choice..... | 453         |
| Harrison, Ind.....         | 525 1-6     |
| Blaine, Me.....            | 132 1-6     |
| McKinley, O.....           | 182         |
| Reed, Me.....              | 4           |
| Lincoln, Ill.....          | 1           |

Harrison nominated on the first ballot.

1896.

### DEMOCRATIC NATIONAL CONVENTION, CHICAGO, JULY 10.

| CANDIDATES.             | 1st Ballot. | 5th Ballot. |
|-------------------------|-------------|-------------|
| Total vote.....         | 752         | 766         |
| Necessary to a choice.. | 502         | 512         |
| Bryan, Neb.....         | 119         | 500         |
| Bland, Mo.....          | 235         | 106         |
| Pattison, Pa.....       | 85          | 95          |
| Matthews, Ind.....      | 37          | 31          |
| Boies, Ia.....          | 85          | 26          |
| Stevenson, Ill.....     | 7           | 8           |
| Blackburn, Ky.....      | 83          | ..          |
| McLean, O.....          | 54          | ..          |
| Scattering*.....        | 37          | ..          |
| Not voting.....         | 178         | 162         |

Bryan nominated after the fifth ballot, enough changes being made to give him more than 512 votes.

\* Tillman, S. C., 17; Pennoyer, Ore., 8; Teller, Col., 8; Russell, Mass., 2; Hill, N. Y., 1; Campbell, O., 1.

### REPUBLICAN NATIONAL CONVENTION, ST. LOUIS, JUNE 13.

| CANDIDATES.                | 1st Ballot. |
|----------------------------|-------------|
| Total vote.....            | 906         |
| Necessary to a choice..... | 454         |
| McKinley, O.....           | 661½        |
| Reed, Me.....              | 84½         |
| Quay, Pa.....              | 61½         |
| Morton, N. Y.....          | 53          |
| Allison, Ia.....           | 35½         |
| Cameron, Pa.....           | 1           |
| Blank.....                 | 4           |

McKinley nominated on the first ballot.

The People's Party National Convention, at St. Louis, July 25, nominated William J. Bryan for President on the first ballot, which was: Bryan, 1,042; Norton, 321; Debs, 8; Donnelly, 1; Coxey, 1.

The National Democracy, at their National Convention at Indianapolis, September 3, nominated Senator John M. Palmer for President on the first ballot. There were but two candidates, and the result of the ballot was as follows: John M. Palmer, Illinois, 763½; Edward S. Bragg, Wisconsin, 124½.

# Presidential Elections

FROM 1789 TO 1896.

## AGGREGATE POPULAR VOTE AND ELECTORAL VOTE FOR CANDIDATES FOR PRESIDENT AND VICE-PRESIDENT AT EACH ELECTION.

NOTE.—There is, properly speaking, no popular vote for President and Vice-President; the people vote for electors, and those chosen in each State meet therein and vote for the candidates for President and Vice-President. The record of any popular vote for electors prior to 1824 is so meagre and imperfect that a compilation would be useless. In most of the States, for more than a quarter century following the establishment of the Government, the State Legislatures "appointed" the Presidential electors, and the people therefore voted only indirectly for them, their choice being expressed by their votes for members of the Legislature. In this tabulation only the aggregate electoral votes for candidates for President and Vice-President in the first nine quadrennial elections appear.

### ELECTORAL VOTES.

**1789.** Previous to 1804, each elector voted for two candidates for President. The one who received the largest number of votes was declared President, and the one who received the next largest number of votes was declared Vice-President. The electoral votes for the first President of the United States were: George Washington, 69; John Adams, of Massachusetts, 34; John Jay, of New York, 9; R. H. Harrison, of Maryland, 6; John Rutledge, of South Carolina, 6; John Hancock, of Massachusetts, 4; George Clinton, of New York, 3; Samuel Huntington, of Connecticut, 2; John Milton, of Georgia, 2; James Armstrong, of Georgia; Benjamin Lincoln, of Massachusetts, and Edward Telfair, of Georgia, 1 vote each. Vacancies (votes not cast), 4. George Washington was chosen President and John Adams Vice-President.

**1792.** George Washington, Federalist, received 132 votes; John Adams, Federalist, 77; George Clinton, of New York, Republican (a), 50; Thomas Jefferson, of Virginia, Republican, 4; Aaron Burr, of New York, Republican, 1 vote. Vacancies, 3. George Washington was chosen President and John Adams Vice-President.

**1796.** John Adams, Federalist, 71; Thomas Jefferson, Republican, 68; Thomas Pinckney, of South Carolina, Federalist, 59; Aaron Burr, of New York, Republican, 30; Samuel Adams, of Massachusetts, Republican, 15; Oliver Ellsworth, of Connecticut, Independent, 11; George Clinton, of New York, Republican, 7; John Jay, of New York, Federalist, 5; James Iredell, of North Carolina, Federalist, 3; George Washington, of Virginia; John Henry, of Maryland, and S. Johnson, of North Carolina, all Federalists, 2 votes each; Charles Cotesworth Pinckney, of South Carolina, Federalist, 1 vote. John Adams was chosen President and Thomas Jefferson Vice-President.

**1800.** Thomas Jefferson, Republican, 73; Aaron Burr, Republican, 73; John Adams, Federalist, 65; Charles C. Pinckney, Federalist, 64; John Jay, Federalist, 1 vote. There being a tie vote for Jefferson and Burr, the choice devolved upon the House of Representatives. Jefferson received the votes of ten States, which, being the largest vote cast for a candidate, elected him President. Burr received the votes of four States, which, being the next largest vote, elected him Vice-President. There were 2 blank votes.

**1804.** The Constitution of the United States having been amended, the electors at this election voted for a President and a Vice-President, instead of for two candidates for President. The result was as follows: For President, Thomas Jefferson, Republican, 162; Charles C. Pinckney, Federalist, 14. For Vice-President, George Clinton, Republican, 162; Rufus King, of New York, Federalist, 14. Jefferson was chosen President and Clinton Vice-President.

**1808.** For President, James Madison, of Virginia, Republican, 122; Charles C. Pinckney, of South Carolina, Federalist, 47; George Clinton, of New York, Republican, 6. For Vice-President, George Clinton, Republican, 113; Rufus King, of New York, Federalist, 47; John Langdon, of New Hampshire, 9; James Madison, 3; James Monroe, 3. Vacancy, 1. Madison was chosen President and Clinton Vice-President.

**1812.** For President, James Madison, Republican, 128; De Witt Clinton, of New York, Federalist, 89. For Vice-President, Elbridge Gerry, of Massachusetts, Republican, 131; Jared Ingersoll, of Pennsylvania, Federalist, 86. Vacancy, 1. Madison was chosen President and Gerry Vice-President.

**1816.** For President, James Monroe, of Virginia, Republican, 183; Rufus King, of New York, Federalist, 34. For Vice-President, Daniel D. Tompkins, of New York, Republican, 183; John Eager Howard, of Maryland, Federalist, 22; James Ross, of Pennsylvania, 5; John Marshall, of Virginia, 4; Robert G. Harper, of Maryland, 3. Vacancies, 4. Monroe was chosen President and Tompkins Vice-President.

**1820.** For President, James Monroe, of Virginia, Republican, 231; John Q. Adams, of Massachusetts, Republican, 1. For Vice-President, Daniel D. Tompkins, Republican, 218; Richard Stockton, of New Jersey, 8; Daniel Rodney, of Delaware, 4; Robert G. Harper, of Maryland, and Richard Rush, of Pennsylvania, 1 vote each. Vacancies, 3. James Monroe was chosen President and Daniel D. Tompkins Vice-President.

### ELECTORAL AND POPULAR VOTES.

| Year of Election, | Candidates for President, | States, | Political Party. | Popular Vote. | Plurality. | Electoral Vote.    | Candidates for Vice-President. | States. | Political Party. | Electoral Vote. |
|-------------------|---------------------------|---------|------------------|---------------|------------|--------------------|--------------------------------|---------|------------------|-----------------|
| 1824.....         | Andrew Jackson.....       | Tenn.   | Rep...           | 155,872       | 60,661     | (b) 99             | John C. Calhoun*.....          | S. C.   | Rep...           | 182             |
|                   | John Q. Adams*.....       | Mass.   | Rep...           | 105,321       | ....       | 84                 | Nathan Sanford.....            | N. Y.   | Rep...           | 30              |
|                   | Henry Clay.....           | Ky      | Rep...           | 46,587        | ....       | 37                 | Nathaniel Macon.....           | N. C.   | Rep...           | 24              |
|                   | Wm. H. Crawford.....      | Ga.     | Rep...           | 44,282        | ....       | 41                 | Andrew Jackson.....            | Tenn.   | Rep...           | 13              |
| 1828.....         | Andrew Jackson*.....      | Tenn.   | Dem...           | 647,231       | 138,134    | 178                | M Van Buren.....               | N. Y.   | Rep...           | 9               |
|                   | John Q. Adams.....        | Mass.   | Nat. R.          | 509,097       | ....       | 83                 | Henry Clay.....                | Ky      | Rep...           | 2               |
|                   |                           |         |                  |               |            |                    | John C. Calhoun*.....          | S. C.   | Dem...           | 171             |
|                   |                           |         |                  |               |            |                    | Richard Rush.....              | Pa      | Nat. R.          | 83              |
| 1832.....         | Andrew Jackson*.....      | Tenn.   | Dem...           | 687,502       | 157,313    | 219                | William Smith.....             | S. C.   | Dem...           | 7               |
|                   | Henry Clay.....           | Ky.     | Nat. R.          | 530,189       | ....       | 49                 | M Van Buren*.....              | N. Y.   | Dem...           | 169             |
|                   | John Floyd.....           | Ga.     | Ind...           | 33,108        | ....       | 11                 | John Sergeant.....             | Pa      | Nat. R.          | 49              |
|                   | William Wirt (c).....     | Md.     | Anti-M           | ....          | ....       | 7                  | Henry Lee.....                 | Mass    | Ind...           | 11              |
| 1836.....         | Martin Van Buren*.....    | N. Y.   | Dem...           | 761,542       | 24,893     | 170                | Amos Ellmaker (c).....         | Pa      | Anti-M           | 7               |
|                   | W. H. Harrison.....       | O.      | Whig.            | ....          | ....       | 13                 | Wm. Wilkins.....               | Pa      | Dem...           | 30              |
|                   | Hugh L. White.....        | Tenn.   | Whig.            | 736,656       | ....       | 26                 | R. M. Johnson (d)*.....        | Ky.     | Dem...           | 147             |
|                   | Daniel Webster.....       | Mass.   | Whig.            | ....          | ....       | 14                 | Francis Granger.....           | N. Y.   | Whig.            | 77              |
|                   | Willie P. Mangum.....     | N. C.   | Whig.            | ....          | ....       | 11                 | John Tyler.....                | Va.     | Whig             | 47              |
|                   |                           |         |                  |               |            | William Smith..... | Ala.                           | Dem...  | 23               |                 |

PRESIDENTIAL ELECTIONS—Continued.

| Year of Election. | Candidates for President. | States. | Political Party. | Popular Vote. | Plurality. | Electoral Vote.  | Candidates for Vice-President. | States. | Political Party. | Electoral Vote. |
|-------------------|---------------------------|---------|------------------|---------------|------------|------------------|--------------------------------|---------|------------------|-----------------|
| 1840              | W. H. Harrison*           | O.      | Whig.            | 1,275,011     | 146,315    | 234              | John Tyler*                    | Va.     | Whig             | 234             |
|                   | Martin Van Buren          | N. Y.   | Dem.             | 1,128,702     | .....      | 60               | R. M. Johnson                  | Ky.     | Dem.             | 48              |
|                   | James G. Birney           | N. Y.   | Lib.             | 7,059         | .....      | .....            | L. W. Tazewell                 | Va.     | Dem.             | 11              |
|                   |                           |         |                  |               |            |                  | James K. Polk                  | Tenn.   | Dem.             | 1               |
| 1844              | James K. Polk*            | Tenn.   | Dem.             | 1,337,243     | 88,175     | 170              | George M. Dallas*              | Pa.     | Dem.             | 170             |
|                   | Henry Clay                | N. J.   | Whig.            | 1,299,068     | .....      | 105              | T. Frelinghuysen               | N. J.   | Whig             | 105             |
|                   | James G. Birney           | N. Y.   | Lib.             | 62,300        | .....      | .....            | Thomas Morris                  | O.      | Lib.             | .....           |
| 1848              | Zachary Taylor*           | La.     | Whig.            | 1,360,101     | 139,557    | 163              | Millard Fillmore*              | N. Y.   | Whig             | 163             |
|                   | Lewis Cass                | Mich.   | Dem.             | 1,290,544     | .....      | 127              | William O. Butler              | Ky.     | Dem.             | 127             |
|                   | Martin Van Buren          | N. Y.   | F. Soil.         | 291,263       | .....      | .....            | Charles F. Adams               | Mass.   | F. Soil.         | .....           |
| 1852              | Franklin Pierce*          | N. H.   | Dem.             | 1,601,474     | 220,896    | 254              | William R. King*               | Ala.    | Dem.             | 254             |
|                   | Winfield Scott            | N. J.   | Whig.            | 1,380,578     | .....      | 42               | William A. Graham              | N. C.   | Whig             | 42              |
|                   | John P. Hale              | N. H.   | F. D. (g)        | 156,149       | .....      | .....            | George W. Julian               | Ind.    | F. D.            | .....           |
|                   | Daniel Webster (k)        | Mass.   | Whig.            | 1,670         | .....      | .....            |                                |         |                  |                 |
| 1856              | James Buchanan*           | Pa.     | Dem.             | 1,833,169     | 496,905    | 174              | J. C. Breckinridge*            | Ky.     | Dem.             | 174             |
|                   | John C. Fremont           | Cal.    | Rep.             | 1,341,264     | .....      | 114              | William L. Dayton              | N. J.   | Rep.             | 114             |
|                   | Millard Fillmore          | N. Y.   | Amer.            | 874,538       | .....      | 8                | A. J. Donelson                 | Tenn.   | Amer.            | 8               |
| 1860              | Abraham Lincoln*          | Ill.    | Rep.             | 1,866,352     | 491,195    | 180              | Hannibal Hamlin*               | Me.     | Rep.             | 180             |
|                   | Stephen A. Douglas        | Ill.    | Dem.             | 1,375,137     | .....      | 12               | H. V. Johnson                  | Ga.     | Dem.             | 12              |
|                   | J. C. Breckinridge        | Ky.     | Dem.             | 845,763       | .....      | 72               | Joseph Lane                    | Ore.    | Dem.             | 72              |
|                   | John Bell                 | Tenn.   | Union.           | 589,581       | .....      | 39               | Edward Everett                 | Mass.   | Union.           | 39              |
| 1864              | Abraham Lincoln*          | Ill.    | Rep.             | 2,216,067     | 407,342    | e 212            | Andrew Johnson*                | Tenn.   | Rep.             | 212             |
|                   | George B. McClellan       | N. J.   | Dem.             | 1,808,725     | .....      | 21               | George H. Pendleton            | O.      | Dem.             | 21              |
| 1868              | Ulysses S. Grant*         | Ill.    | Rep.             | 3,015,071     | 305,456    | f 214            | Schuyler Colfax*               | Ind.    | Rep.             | 214             |
|                   | Horatio Seymour           | N. Y.   | Dem.             | 2,700,615     | .....      | 80               | F. P. Blair, Jr.               | Mo.     | Dem.             | 80              |
| 1872              | Ulysses S. Grant*         | Ill.    | Rep.             | 3,597,070     | 769,991    | g 286            | Henry Wilson*                  | Mass.   | Rep.             | 286             |
|                   | Horace Greeley            | N. Y.   | D. & L.          | 2,834,079     | .....      | g                | B. Gratz Brown                 | Mo.     | D. L.            | 47              |
|                   | Charles O'Connor          | N. Y.   | Dem.             | 29,408        | .....      | .....            | John Q. Adams                  | Mass.   | Dem.             | .....           |
|                   | James Black               | Pa.     | Temp.            | 5,608         | .....      | .....            | John Russell                   | Mich.   | Temp.            | .....           |
|                   | Thomas A. Hendricks       | Ind.    | Dem.             | .....         | .....      | 42               | George W. Julian               | Ind.    | Lib.             | 5               |
|                   | B. Gratz Brown            | Mo.     | Dem.             | .....         | .....      | 18               | A. H. Colquitt                 | Ga.     | Dem.             | 5               |
|                   | Charles J. Jenkins        | Ga.     | Dem.             | .....         | .....      | 2                | John M. Palmer                 | Ill.    | Dem.             | 2               |
|                   | David Davis               | Ill.    | Ind.             | .....         | .....      | 1                | T. E. Bramlette                | Ky.     | Dem.             | 2               |
|                   |                           |         |                  |               |            | W. S. Groesbeck  | O.                             | Dem.    | 1                |                 |
|                   |                           |         |                  |               |            | Willis B. Maehen | Ky.                            | Dem.    | 1                |                 |
|                   |                           |         |                  |               |            | N. P. Banks      | Mass.                          | Lib.    | 1                |                 |
| 1876              | Samuel J. Tilden          | N. Y.   | Dem              | 4,284,885     | 250,935    | 184              | T. A. Hendricks                | Ind.    | Dem.             | 184             |
|                   | Rutherford B. Hayes*      | O.      | Rep.             | 4,033,950     | .....      | h 165            | William A. Wheeler*            | N. Y.   | Rep.             | 165             |
|                   | Peter Cooper              | N. Y.   | Gre'n b          | 81,740        | .....      | .....            | Samuel F. Cary                 | O.      | Gre'n b          | .....           |
|                   | Green Clay Slay           | Ky.     | Pro.             | 9,537         | .....      | .....            | Gideon T. Stewart              | O.      | Pro.             | .....           |
|                   | James B. Walker           | Ill.    | Amer.            | 2,636         | .....      | .....            | D. Kirkpatrick                 | N. Y.   | Amer.            | .....           |
| 1880              | James A. Garfield*        | O.      | Rep.             | 4,449,053     | 7,018      | 214              | Chester A. Arthur*             | N. Y.   | Rep.             | 214             |
|                   | W. S. Hancock             | Pa.     | Dem.             | 4,429,035     | .....      | 155              | William H. English             | Ind.    | Dem.             | 155             |
|                   | James B. Weaver           | Iowa.   | Gre'n b          | 307,306       | .....      | .....            | E. J. Chambers                 | Tex.    | Gre'n b          | .....           |
|                   | Neal Dow                  | Me.     | Pro.             | 10,305        | .....      | .....            | H. A. Thompson                 | O.      | Pro.             | .....           |
|                   | John W. Phelps            | Vt.     | Amer.            | 707           | .....      | .....            | S. C. Pomeroy                  | Kan.    | Amer.            | .....           |
| 1884              | Grover Cleveland*         | N. Y.   | Dem.             | 4,911,017     | 62,583     | 219              | T. A. Hendricks*               | Ind.    | Dem.             | 219             |
|                   | James G. Blaine           | Me.     | Rep.             | 4,848,334     | .....      | 182              | John A. Logan                  | Ill.    | Rep.             | 182             |
|                   | John P. St. John          | Kan.    | Pro.             | 151,809       | .....      | .....            | William Daniel                 | Ind.    | Pro.             | .....           |
|                   | Benjamin F. Butler        | Mass.   | Peop.            | 133,825       | .....      | .....            | A. M. West                     | Miss.   | Peop.            | .....           |
|                   | P. D. Wigginton           | Cal.    | Amer.            | .....         | .....      | .....            |                                |         |                  |                 |
| 1888              | Grover Cleveland          | N. Y.   | Dem.             | 5,538,233     | 88,017     | 168              | Allen G. Thurman               | O.      | Dem.             | 168             |
|                   | Benjamin Harrison*        | Ind.    | Rep.             | 5,440,216     | .....      | 233              | Levi F. Morton                 | N. Y.   | Rep.             | 233             |
|                   | Clinton B. Fisk           | N. J.   | Pro.             | 249,307       | .....      | .....            | John A. Brooks                 | Mo.     | Pro.             | .....           |
|                   | Alson J. Streeter         | Ill.    | U. L.            | 148,105       | .....      | .....            | C. E. Cunningham               | Ark.    | U. L.            | .....           |
|                   | R. H. Cowdry              | Ill.    | U'd L.           | 2,808         | .....      | .....            | W. H. T. Wakefield             | Kan.    | U'd L.           | .....           |
|                   |                           |         |                  |               |            | James E. Greer   | Tenn.                          | Amer.   | .....            |                 |
| 1892              | Grover Cleveland*         | N. Y.   | Dem.             | 5,556,318     | 380,810    | 271              | Adlai E. Stevenson*            | Ill.    | Dem.             | 271             |
|                   | Benjamin Harrison         | Ind.    | Rep.             | 5,176,308     | .....      | 145              | Whitelaw Reid                  | N. Y.   | Rep.             | 145             |
|                   | James B. Weaver           | Iowa.   | Peop.            | 1,041,098     | .....      | 22               | James G. Field                 | Va.     | Peop.            | 22              |
|                   | John Bidwell              | Cal.    | Pro.             | 984,133       | .....      | .....            | James E. Cranfill              | Tex.    | Pro.             | .....           |
|                   | Simon Wing                | Mass.   | Soc. L.          | 21,164        | .....      | .....            | Charles H. Matchett            | N. Y.   | Soc. L.          | .....           |
| 1896              | William McKinley*         | O.      | Rep.             | 7,104,779     | 601,634    | 271              | Garret A. Hobart*              | N. J.   | Rep.             | 271             |
|                   | William J. Bryan          | Neb.    | Dem. (j)         | 6,502,925     | .....      | 176              | Arthur Sewall                  | Me.     | Dem.             | 176             |
|                   | William J. Bryan          | Neb.    | Pop. j           | .....         | .....      | .....            | Thomas E. Watson               | Ga.     | Pop.             | .....           |
|                   | Joshua Leveing            | Md.     | Pro.             | 132,007       | .....      | .....            | Hale Johnson                   | Ill.    | Pro.             | .....           |
|                   | John M. Palmer            | Ill.    | N. Dem           | 133,143       | .....      | .....            | Simon B. Buckner               | Ky.     | N. Dem           | .....           |
|                   | Charles H. Matchett       | N. Y.   | Soc. L.          | 36,274        | .....      | .....            | Matthew Maguire                | N. J.   | Soc. L.          | .....           |
|                   | Charles E. Bentley        | Neb.    | Nat. (j)         | 18,969        | .....      | .....            | James H. Southgate             | N. C.   | Nat. (j)         | .....           |

\* The candidates starred were elected. (a) The first Republican Party is claimed by the present Democratic Party as its progenitor. (b) No candidate having a majority of the electoral vote, the House of Representatives elected Adams. (c) Candidate of the Anti-Masonic Party. (d) There being no choice, the Senate elected Johnson. (e) Eleven Southern States, being within the belligerent territory, did not vote. (f) Three Southern States disfranchised. (g) Horace Greeley died after election, and Democratic electors scattered their vote. (h) There being a dispute over the electoral votes of Florida, Louisiana, Oregon, and South Carolina, they were referred by Congress to an electoral commission composed of eight Republicans and seven Democrats, which, by a strict party vote, awarded 185 electoral votes to Hayes and 184 to Tilden. (i) Free Democrat. (j) Free Silver Prohibition Party. (k) In Massachusetts. There was also a Native American ticket in that State, which received 184 votes.

NOTE.—For popular and electoral vote by States in 1892 and 1896 see tables beginning election returns.

## Principal Trusts in the United States.\*

(Prepared for THE WORLD ALMANAC by Byron W. Holt.)

I.—TWO HUNDRED LEADING CORPORATE TRUSTS. (Corrected to November 30, 1899.)

| PRESENT NAME OF TRUST.   | When First Formed. | If Reformed, When. | Where Incorporated. | Location Principal Office. | PRESENT CAPITALIZATION.†<br>(With Rates of Interest and Dividends.) |                    |                  |
|--|--------------------|--------------------|---------------------|----------------------------|---|--------------------|------------------|
|  |                    |                    |                     |                            | Com. Stock.   | Pref. Stock.       | Bonds.           |
| Alabama Con. Coal & Iron Co. (5 prop.)   | 1898               | ....               | N. J.               | Birmingham...              | \$2,500,000   | \$2,500,000 (7)    | .....            |
| Amal. Copper Co. (6 copper properties)   | 1899               | ....               | N. J.               | New York.....              | 75,000,000 (8)  | .....              | .....            |
| American Agricultural Chemical Co. (23 fertilizer plants).....                   | 1899               | ....               | Ct.                 | New York....               | 16,500,000  | 16,500,000 (6)     | .....            |
| American Automatic Weighing Machine Co. (3 companies, all in U. S.).....         | 1899               | ....               | Eng.                | New York....               | £135,000  | £135,000 (6)       | .....            |
| American Axe & Tool Co. (16 plants).....   | 1889               | ....               | Ky.                 | New York....               | 3,872,500 (6) g   | .....              | .....            |
| Am Beet Sugar (prop. in Neb. & S. Cal.)  | 1899               | ....               | ....                | New York....               | 15,000,000  | 4,000,000 (6)      | .....            |
| American Bell Telephone (controls 51 companies with \$153,324,516 capital).      | 1878               | 1880               | Mass.               | Boston.....                | 25,886,300 (15)   | .....              | \$10,000,000 (4) |
| American Bicycle Co. (56 plants).....  | 1899               | ....               | N. J.               | New York....               | 20,000,000  | 10,000,000 (7)     | 10,000,000 (5)   |
| Am. Car & Foundry Co. (railroad cars)  | 1899               | ....               | N. J.               | New York....               | 29,090,000  | 29,090,000 (7)     | .....            |
| American Cement Co. (6 mills in Pa. and N. Y., cement properties, wharves, etc.) | 1899               | ....               | N. J.               | .....                      | 2,000,000   | .....              | 1,000,000 (5)    |
| Am. Chiclé Co. (6 large chew-gum firms)  | 1899               | ....               | N. J.               | .....                      | 6,000,000 (6)   | 3,000,000 (6)      | .....            |
| American Cotton Oil Co. (123 properties)   | 1883               | 1889               | N. J.               | New York....               | 20,297,100 (4)  | 10,198,500 (6)     | 3,065,000 (8)    |
| Am. Edible Nut Co. (peanut combine).....   | 1899               | ....               | N. J.               | .....                      | 5,000,000   | .....              | .....            |
| American Electric Heating Corporation.   | 1893               | ....               | ....                | Boston.....                | 10,000,000  | .....              | 500,000 (5)      |
| American Felt Co. (nearly all in U. S.).....                                     | 1899               | ....               | N. J.               | New York....               | 2,500,000   | 2,500,000 (7)      | 500,000          |
| Am. Fisheries Co. (15-18 menhaden cos.)  | 1898               | ....               | N. J.               | New York....               | 8,000,000   | 2,000,000 (7)      | .....            |
| American Glue Co. ....   | 1891               | ....               | ....                | Boston.....                | 1,400,000   | 700,000            | .....            |
| Am. Hide & Leather Co. (20 companies, 85 per cent upper leather output).....     | 1899               | ....               | N. J.               | New York....               | 11,500,000  | 13,000,000 (7)     | 9,000,000 (6)    |
| American Ice Co. (ice companies of N. Y., Phila., Balt., Wash., and N. J.).....  | 1899               | ....               | N. J.               | New York....               | 22,939,100 (1)  | 12,440,400 (6)     | 1,255,000        |
| Am. Iron & Steel Co. (several iron and steel cos. of Lebanon and Reading).....   | 1899               | ....               | Pa.                 | .....                      | 12,000,000  | 3,000,000 (5)      | .....            |
| American Jute Bagging Mfg. Co. ....  | 1888               | 1894               | ....                | .....                      | 2,800,000   | .....              | .....            |
| American Last Co. ....   | 1899               | ....               | Ohio                | .....                      | 2,000,000   | .....              | .....            |
| American Linsed Oil Co. (82 plants).....   | 1887               | 1898               | N. J.               | Chicago....                | 15,475,000  | 15,475,000 (7)     | .....            |
| American Lithograph Co. ....   | 1891               | 1892               | N. J.               | New York....               | 8,400,000   | 3,500,000          | .....            |
| Am. Malt'g Co. (37 cos., nearly all U. S.)                                       | 1897               | ....               | N. J.               | New York....               | 14,500,000 (7)  | 14,440,000 (7)     | 3,000,000 (5)    |
| Am. Ordnance Co. (guns, projectiles, etc.)                                       | 1896               | ....               | ....                | Dist. of Col.              | 2,500,000   | .....              | .....            |
| Am. Pastry & Mfg. Co. (pie baker, N. Y.)   | 1895               | ....               | N. J.               | New York....               | 2,000,000   | 1,000,000          | .....            |
| Am. Pneumatic Service (consol. 4 cos.)   | 1899               | ....               | Del.                | Boston.....                | 5,000,000   | 5,000,000 (6)      | .....            |
| Am. Radiator Co. (4 leading companies)   | 1892               | 1899               | N. J.               | Chicago....                | 5,000,000   | 3,000,000 (7)      | .....            |
| American School Furniture Co. ....   | 1899               | ....               | N. J.               | .....                      | 10,000,000  | .....              | 1,500,000        |
| Am. Sewer Pipe Co. (31 pipe companies)   | 1899               | ....               | N. J.               | Pittsburgh..               | 12,500,000  | 12,500,000         | .....            |
| Am. Shipbuilding Co. (shipbid. on Gt. L.)  | 1899               | ....               | N. J.               | Cleveland...               | 7,600,000   | 7,600,000 (7)      | .....            |
| American Silk Mfg. Co. (silk thread).....  | 1899               | ....               | N. J.               | New London..               | 7,500,000   | 5,000,000 (5)      | .....            |
| American Soda Fountain Co. ....  | 1891               | ....               | N. J.               | New York....               | 1,250,000 (5½) b  | 2,500,000 (6, 8) b | .....            |
| American Smelting & Refining Co. ....  | 1899               | ....               | N. J.               | New York....               | 27,400,000  | 27,400,000 (7)     | 2,133,000 (6)    |
| American Steel & Wire Co. of N. J.   | 1898               | 1899               | N. J.               | Chicago....                | 50,000,000  | 40,000,000 (7)     | 101,856          |
| American Steel Casting Co. ....  | 1891               | 1894               | N. J.               | .....                      | 4,200,000 (7)   | .....              | .....            |
| Am. Steel Hoop Co. (10 companies).....   | 1899               | ....               | N. J.               | New York....               | 19,000,000  | 14,000,000 (7)     | .....            |
| Am. Straw Board Co. (19 plants).....   | 1889               | 1893               | Ill.                | Chicago....                | 6,000,000 (1)   | .....              | 829,289 (6)      |
| Am. Sugar Refining Co. (70 per cent all)   | 1887               | 1891               | N. J.               | New York....               | 36,968,000 (12)   | 36,968,000 (7)     | .....            |
| Am. Switch Co. (12 switch and frog cos.)   | 1899               | ....               | N. J.               | .....                      | 5,500,000   | 5,500,000 (6)      | .....            |
| Am. Thread Co. (13 cotton thread cos. controlled by English Cotton Co.).....     | 1898               | ....               | N. J.               | New York....               | 6,000,000   | 6,000,000 (5)      | 6,000,000 (4)    |
| Am. Tin Plate Co. (281 mills, 95 p.c. of all)                                    | 1898               | ....               | N. J.               | Chicago....                | 28,000,000  | 18,000,000 (7)     | .....            |
| Am. Tobacco Co. (plug bus. sold in 1898)   | 1890               | ....               | N. J.               | New York....               | 54,500,000 (7, 100)   | 14,000,000 (8)     | 3,580,000 (6)    |
| Am. Type Foundry Co. (23 cos. in U. S.)  | 1892               | 1896               | N. J.               | New York....               | 4,300,000 (4)   | .....              | 1,000,000 (6)    |
| Am. Window Glass Co. (80 per cent all)   | 1899               | ....               | Pa.                 | Pittsburgh..               | 13,000,000  | 4,000,000 (7)      | .....            |
| American Warp-Drawing Machine Co.  | 1899               | ....               | ....                | .....                      | 2,300,000   | 700,000            | .....            |
| Am. Woodworking Machinery Co. (14 firms—in receivers' hands).....                | 1897               | ....               | N. J.               | New York....               | 2,000,000   | 2,000,000 (7)      | 1,200,000        |
| Am. Woollen Co. (men's woollens).....  | 1899               | ....               | N. J.               | Boston.....                | 29,501,100  | 20,000,000 (7)     | .....            |
| American Wringer Co. ....  | 1891               | ....               | R. I.               | Rhode Island.              | 850,000 (8)   | 1,650,000 (7)      | .....            |
| Am. Writing Paper Co. (22 companies)   | 1899               | ....               | N. J.               | .....                      | 9,500,000   | 12,500,000 (7)     | 17,000,000 (5)   |
| Asphalt Co. of America (95 per cent all)   | 1899               | ....               | N. J.               | Philad. lphia..            | 30,000,000  | .....              | 30,000,000 (5)   |
| Atlantic Snuff Co. (all but 2 companies)   | 1898               | ....               | N. J.               | Nashville....              | 2,000,000   | 8,000,000          | .....            |
| Baltimore Brick Co. (2 plants).....  | 1899               | ....               | N. J.               | Baltimore....              | 1,500,000   | 600,000 (6)        | .....            |
| Barber Asphalt Paving Co. (pools with other companies).....                      | 1887               | 1896               | ....                | New York....               | 5,000,000   | .....              | .....            |
| Bech. A. & Co. (fish and oysters, 4 concerns)                                    | 1898               | ....               | Ill.                | Chicago....                | 3,000,000   | 2,500,000 (8)      | 2,000,000        |
| Borsz Consolidated, limited (cons. 12 prin. borax properties of world).....      | 1899               | ....               | Eng.                | London.....                | £600,000  | £300,000 (5½)      | £200,000 (4½)    |
| Braas Foundry & Machine Co. ....   | 1898               | ....               | N. J.               | Jersey City...             | 6,000,000   | .....              | .....            |
| Brunswick-Balke-Collender Co. (billiard tables etc.).....                        | 1882               | ....               | Ohio.               | New York....               | 1,500,000   | .....              | .....            |
| California Fruit Cannery Association.  | 1899               | ....               | Cal.                | San Francisco              | 3,500,000   | .....              | .....            |
| California Winemakers' Corporation (allied with California Wine Ass'n).....      | 1894               | ....               | Cal.                | San Francisco              | 10,000,000  | .....              | .....            |
| Caruzh. Steel Co. (16 iron, steel, and pipe companies).....                      | 1894               | ....               | ....                | Pittsburgh..               | 35,000,000  | .....              | .....            |
| Central Foundry Co. (95 per cent soil pipe output United States).....            | 1899               | ....               | N. J.               | New York....               | 7,000,600   | 7,000,000 (7)      | 4,000,000 (6)    |
| Central Hudson Steamboat Co. (9 Hudson River boats).....                         | 1899               | ....               | ....                | .....                      | 400,000   | 600,000            | 500,000          |

| PRESENT NAME OF TRUST   | When First Formed. | If Re-formed, When. | Where Incorporated. | Location Principal Office. | PRESENT CAPITALIZATION.†<br>(With Rates of Interest and Dividends.‡) |                 |                   |
|---|--------------------|---------------------|---------------------|----------------------------|--|-----------------|-------------------|
|   |                    |                     |                     |                            | Com. Stock.  | Pref. Stock.    | Bonds.            |
| Central New York Brewing Co. ....   | 1899               | .....               | N. J. ....          | .....                      | \$2,200,000  | \$1,800,000 (7) | \$2,200,000 (6)   |
| Chicago Junction R'y & Union Stock Yards Co. (meat packing, cattle, 3 cos.)     | 1890               | 1898                | N. J. ....          | Chicago.....               | 6,500,000 (8)  | 6,500,000 (6)   | 12,939,000 (5)    |
| Chicago Milk Co. (½ milk supply).....   | 1899               | .....               | .....               | Chicago.....               | 3,000,000  | 3,000,000 (7)   | .....             |
| Chicago Sash, Door & Blind Co. (35 Chicago companies).....                      | 1899               | .....               | N. J. ....          | .....                      | 3,500,000  | 2,500,000       | .....             |
| City of Chicago Brewing & Malting Co. (English and American companies)...       | 1891               | .....               | Gt. B. ....         | Chicago.....               | £625,000   | £625,000 (8)a   | £3,166,000 (6)    |
| Cleveland & Sandusky Brewing Co. (11 breweries).....                            | 1898               | .....               | .....               | .....                      | 3,000,000  | 3,000,000       | 6,000,000 (6)     |
| Colorado Fuel & Iron (consolidated Colorado Coal & Iron Co.).....               | 1892               | .....               | Col. ....           | Denver.....                | 17,000,000(1½)e  | 13,000,000 (4)a | 7,792,000 (5, 6)  |
| Col. Elec. Car-light, & Brake Co. (3 cos.)                                      | 1899               | .....               | N. J. ....          | New York....               | 10,000,000   | .....           | .....             |
| Commonwealth Electric Co. (12 companies, pools with Edison).....                | 1898               | .....               | .....               | Chicago.....               | 3,000,000  | .....           | 2,500,000 (5)     |
| Consolidated Ice Co. (all artificial ice companies in Pittsburgh).....          | 1899               | .....               | .....               | Pittsburgh...              | 2,000,000  | 2,000,000       | .....             |
| Con. Lk. Super. Co. (4 cos. water power)  | 1899               | .....               | Ct. ....            | Philadelphia..             | 14,000,000 (7)   | 6,000,000 (7)   | 3,500,000 (5)     |
| Consolidated Rubber Tire Co. ....   | 1899               | .....               | N. J. ....          | Trenton.....               | 4,000,000  | 4,000,000 (6)   | .....             |
| Consolidated Smelting & Refining Co. (11 big cos. in U. S. and Mexico).....     | 1899               | .....               | N. J. ....          | .....                      | 97,000,000   | 97,000,000      | .....             |
| Continental Cement Co. ....   | 1899               | .....               | N. J. ....          | .....                      | 5,000,000  | 5,000,000 (7)   | .....             |
| Cont'n'l Cotton Oil Co. (7 Southern cos.)                                       | 1898               | .....               | N. J. ....          | .....                      | 3,000,000  | 2,762,000 (7)   | .....             |
| Continental Tobacco Co. (7 plug cos. and plug interest of Am. Tob. Co.).....    | 1898               | .....               | N. J. ....          | New York....               | 48,846,700   | 48,846,600 (7)  | .....             |
| Diamond Match Co. (mills in U. S. & Eng.)                                       | 1899               | .....               | Ill. ....           | Chicago.....               | 15,000,000 (10)  | .....           | .....             |
| Distilling Co. of America.....  | 1899               | .....               | N. J. ....          | New York....               | 46,250,000   | 31,250,000 (7)  | 1,899,000 (6)     |
| Electric Boat Co. (absorbed 3 cos.).....  | 1899               | .....               | N. J. ....          | New York....               | 4,997,800  | 1,190,000 (8)   | .....             |
| Electric Storage Battery Co. (absorbed other cos. in 1895; owns ½ Elec. V. Co.) | 1888               | .....               | N. J. ....          | New York....               | 11,875,000   | 5,000,000 (1)   | 450,000 (5)       |
| Electric Vehicle Co. (organizes and operates automobile companies).....         | 1907               | .....               | N. J. ....          | New York....               | 7,000,000 (2)  | 5,000,000 (8)   | .....             |
| Eric Tel. & Tel. Co. (controls 4 phone companies in 7 W. and S. States).....    | 1888               | .....               | .....               | Lowell, Mass.              | 5,000,000 (4)  | .....           | 7,905,000 (5, 6)  |
| Federal Steel Co. (many mills & props.)   | 1898               | .....               | N. J. ....          | New York....               | 46,484,000 (1½)  | 53,261,000 (6)  | 28,334,000 (5, 6) |
| General Aristo Co. (photographic supplies; 6 concerns).....                     | 1899               | .....               | N. Y. ....          | Rochester....              | 2,500,000  | 2,500,000 (7)   | .....             |
| General Chem. Co. (consol. several cos.)  | 1899               | .....               | N. Y. ....          | New York....               | 12,500,000   | 12,500,000 (6)  | .....             |
| General Electric (pools with other cos.)  | 1892               | 1898                | N. Y. ....          | Schenectady..              | 18,276,000 (6)   | 2,551,200 (7)   | 5,700,000 (5)     |
| Glucos-Sugar Refin. Co. (most in U. S.)   | 1897               | .....               | N. J. ....          | Chicago.....               | 24,027,300 (5)   | 12,619,000 (7)  | .....             |
| Great Lakes Towing Co. (towboats).....  | 1898               | .....               | N. J. ....          | Jersey City...             | 1,675,600  | 1,675,700 (7)   | .....             |
| Havana-American Co. (7 cigar cos.).....   | 1899               | .....               | N. J. ....          | New York....               | 5,000,000  | 5,000,000 (7)   | .....             |
| Herring-Hall-Marvin (safe combine).....   | 1899               | 1899                | N. J. ....          | New York....               | 1,650,000  | 1,650,000 (7)   | .....             |
| Indurated Fibre Industries Co. ....   | 1900               | .....               | N. J. ....          | New York....               | 1,000,000  | .....           | .....             |
| Int. Power Co. (plants in R. I., Mass.)   | 1899               | .....               | N. J. ....          | New York....               | 7,400,000  | 600,000 (3)     | 225,000           |
| International Automobile & Vehicle Tire Co. (3 rubber tire companies).....      | 1899               | .....               | N. J. ....          | .....                      | 1,500,000  | 1,500,000       | .....             |
| Int. Car Wheel Co. of U. S. and Canada  | 1895               | .....               | N. J. ....          | Buffalo.....               | 3,250,000  | 1,775,000 (7)   | .....             |
| International (Floating) Elevating Co.  | 1891               | .....               | .....               | New York....               | 2,200,000 (12)   | .....           | .....             |
| International Heater Co. (4 companies)  | 1898               | .....               | N. Y. ....          | .....                      | 900,000  | 900,000         | .....             |
| Int. Paper Co. (30 newspaper mfrs.).....  | 1898               | .....               | .....               | Corinth.....               | 17,443,850 (4)   | 22,406,700 (6)  | 8,732,000 (6)     |
| International Silver Co. (24 plate cos.)  | 1898               | .....               | N. J. ....          | New York....               | 9,946,000  | 5,111,500 (7)   | 3,592,000 (6)     |
| Inter. Steam Pump Co. (5 largest in U. S.)                                      | 1899               | .....               | N. J. ....          | New York....               | 15,000,000   | 8,850,000 (6)   | .....             |
| Knickerbocker Ice Co., Chicago (26 cos.)  | 1899               | .....               | .....               | Chicago.....               | 4,000,000  | 3,000,000 (6)   | 2,600,000 (6)     |
| Kodak Limited Co. (consol. England, French, German, and American cos.)          | 1898               | .....               | .....               | .....                      | £1,000,000   | £600,000 (6)    | .....             |
| Lake Druggers' Ass'n (123 owners of dredges on Great Lakes).....                | 1897               | .....               | Ill. ....           | .....                      | 5,000,000  | .....           | .....             |
| Lake Superior Con. Iron Mines.....  | 1893               | .....               | .....               | N. Y. City...              | 28,732,000   | .....           | .....             |
| Manhattan Spirit Co. (wood alcohol)...  | 1893               | .....               | .....               | .....                      | 5,000,000  | .....           | .....             |
| Machett-Evans Glass Co. (5 chimney cos., 60 per cent of all in U. S.).....      | 1899               | .....               | .....               | Pittsburgh...              | 2,000,000  | .....           | .....             |
| Marsden Co. of Phila. (cellulose and smokeless powder trust).....               | 1897               | .....               | .....               | Philadelphia..             | 30,792,200   | 1,530,000 (6)   | .....             |
| Maryland Brewing Co. (17 Balt. cos.)...   | 1898               | .....               | .....               | Baltimore....              | 3,252,000  | 3,250,000 (6)   | 7,500,000 (6)     |
| Met. Tobacco Co. (selling combine).....   | 1899               | .....               | N. Y. ....          | New York....               | 500,000  | 500,000 (10)    | .....             |
| Milw'kee & Chi. Brew. Co. (Eng. & Am.)  | 1894               | .....               | .....               | .....                      | £775,000   | £775,000 (5½)   | £2,500,000 (5)    |
| Mt. Vernon Woodberry Cotton Duck Co. (14 mills, 90 per cent of all in U. S.)    | 1899               | .....               | Del. ....           | .....                      | 9,500,000  | .....           | 13,000,000 (5)    |
| Monongahela River Con. Coal & Coke Co. (river consolidation).....               | 1899               | .....               | Pa. ....            | Pittsburgh...              | 20,000,000   | 10,000,000 (7)  | 10,000,000 (6)    |
| Nat. Bisc. Co. (most large bakers in U. S.)                                     | 1898               | .....               | N. J. ....          | Chicago.....               | 29,200,000 (4)   | 23,200,000 (7)  | 1,729,000 (6)     |
| National Carbon Co. (all companies in United States and ¾ in world).....        | 1899               | .....               | N. J. ....          | Cleveland....              | 5,500,000  | 4,500,000 (7)   | .....             |
| National Cash Register Co. ....   | 1899               | .....               | .....               | .....                      | 4,000,000  | 500,000 (7)     | .....             |
| National Casket Co. ....  | 1891               | .....               | N. Y. ....          | .....                      | 6,000,000  | .....           | .....             |
| Nat. Enamelling & Stamp Co. (4 cos.)  | 1899               | .....               | N. J. ....          | New York....               | 15,100,500   | 7,375,000 (7)   | .....             |
| National Glass Co. (tableware trust).....                                       | 1899               | .....               | Pa. ....            | Pittsburgh...              | 3,000,000  | .....           | .....             |
| Nat. Lead Co. (26 white lead, etc., plants)                                     | 1891               | .....               | N. J. ....          | New York....               | 14,905,400 (1)   | 14,904,000 (7)  | 12,605            |
| Nat. Salt Co. of N. J. (95 per cent all)...                                     | 1898               | .....               | N. J. ....          | New York....               | 3,500,000  | 2,400,000 (7)   | .....             |
| National Saw Co. (controlled by Danton)   | 1890               | 1893                | Ky. ....            | New York....               | 2,000,000  | 600,000         | .....             |
| Nat. Screw Co. (Am. Co. & 13 other cos.)  | 1899               | .....               | .....               | .....                      | 10,000,000   | .....           | .....             |
| National Shear Co. ....   | 1898               | .....               | N. J. ....          | Newark.....                | 1,500,000  | 1,500,000       | .....             |
| National Starch Mfg. Co. (20 cos.; agreement with others).....                  | 1890               | 1898                | Ky. ....            | New York....               | 4,450,700 (1)  | 4,066,200 (2)   | 3,042,000 (6)     |
| National Steel Co. (8 soft steel plants)  | 1899               | .....               | N. J. ....          | New York....               | 32,000,000   | 27,000,000 (7)  | 2,561,000 (6)     |
| National Tin Plate & Stamped Ware Co.   | 1899               | .....               | N. J. ....          | .....                      | 10,000,000   | 10,000,000 (7)  | .....             |
| Nat. Tube Co. (17 cos., 90 pr. ct. output)                                      | 1899               | .....               | N. J. ....          | N. Y. & Pittsb.            | 40,000,000   | 40,000,000 (7)  | .....             |

| PRESENT NAME OF TRUST.   | When First Formed. | If Re-formed, When. | Where Incorporated. | Location Principal Office. | PRESENT CAPITALIZATION †<br>(With Rates of Interest and Dividends. ‡) |                  |                      |
|--|--------------------|---------------------|---------------------|----------------------------|---|------------------|----------------------|
|  |                    |                     |                     |                            | Com. Stock.   | Pref. Stock.     | Bonds.               |
| National Wall Paper Co. (30 cos.).....   | 1879               | 1899                | .....               | New York.....              | \$27,931,500  | \$7,500,000 (8)  | .....                |
| New England Cotton Yarn (9 yarn mills)   | 1899               | .....               | N. J.               | Jersey City.....           | 5,000,000   | 5,000,000 (7)    | \$5,700,000 (5)      |
| Niles-Bement-Pond Co. (tool works con.)  | 1899               | .....               | N. J.               | New York.....              | 5,000,000   | 2,000,000 (6)    | .....                |
| Otis (Passenger) Elevator Co. (13 cos.)  | 1898               | .....               | N. J.               | New York.....              | 6,000,000   | 4,000,000 (8)    | .....                |
| Pacific Am. Fish. Co. (salmon cannery)   | 1899               | .....               | N. J.               | Chicago.....               | 5,000,000   | .....            | .....                |
| Pacific Coast Biscuit Co. (11 firms).....  | .....              | 1899                | Ore.                | .....                      | 2,000,000   | 950,000 (7)      | 1,000,000 (6)        |
| Paterson Brewing & Malting (principal breweries in Paterson).....                                    | 1899               | .....               | N. J.               | Paterson.....              | 3,000,000   | .....            | 3,000,000            |
| Penn. Central Brew. Co. (12 breweries)...  | 1897               | .....               | Pa.                 | .....                      | 2,800,000   | 2,800,000 (8)    | 2,500,000 (8)        |
| Pillsbury-Washburn Flour Mills Co.....   | .....              | .....               | Minn.               | Minneapolis.....           | £500,000  | £500,000 (8)     | £275,000 (6)         |
| Pittsburgh Brewing Co.....   | 1899               | .....               | .....               | .....                      | 6,500,000   | 6,500,000        | 6,500,000 (6)        |
| Pittsburgh Coal Co. (rail coal consol., output 19,000,000 tons coal).....                            | 1899               | .....               | N. J.               | .....                      | 30,800,000  | 30,800,000 (7)   | .....                |
| Pittsburgh Laundry Co.....   | 1899               | .....               | .....               | Pittsburgh.....            | 1,750,000   | 1,750,000        | .....                |
| Pittsburgh Plate Glass Co.....   | 1891               | 1895                | .....               | Pittsburgh.....            | 9,850,000 (4)   | 150,000 (12)     | .....                |
| Pitts. Slove & Range Co. (8 stove cos.)...   | 1899               | .....               | Pa.                 | Pittsburgh.....            | 1,000,000   | 1,000,000 (7)    | .....                |
| Pressed Steel Car Co. (consol. 2 cos.)...  | 1899               | .....               | N. J.               | New York.....              | 12,500,000 (6)  | 12,500,000 (7)   | .....                |
| Republic Iron & Steel Co. (29 bar and forge iron companies, etc.).....                               | 1899               | .....               | N. J.               | Chicago.....               | 27,352,000  | 20,852,000 (7)   | .....                |
| Royal Baking Powder Co. (consol. principal companies).....   | 1899               | .....               | N. J.               | New York.....              | 10,000,000  | 10,000,000 (6)   | .....                |
| Rubber Goods Mfg. Co. (consol. mechanical goods companies).....                                      | 1899               | .....               | N. J.               | New York.....              | 12,114,900  | 6,296,900 (7)    | .....                |
| San Francisco Br. weries, Limited.....   | .....              | .....               | .....               | .....                      | £24,000   | .....            | £2,400,000 (6)       |
| Shelby Steel Tube Co. (weldless tubes)   | 1897               | .....               | .....               | Shelby, O.....             | 10,000,000  | .....            | .....                |
| Seacoast Packing Co. (sardines consol. outside of Standard).....                                     | .....              | 1899                | N. J.               | .....                      | 3,000,000   | .....            | .....                |
| Sloss-Sheffield Iron & Steel Co. (6 props.)  | 1899               | .....               | N. J.               | Birmingham.....            | 7,500,000   | 6,700,000 (7)    | 3,835,000 (4½, 6)    |
| Southern Car & Foundry Co.....   | 1899               | .....               | .....               | .....                      | 1,750,000   | 1,750,000        | .....                |
| Sperry Flour Co. (California companies)  | 1892               | .....               | Cal.                | .....                      | 10,000,000  | .....            | .....                |
| Standard Metal Co. (10 companies car journal bearings).....  | 1899               | .....               | .....               | .....                      | 4,000,000   | 1,800,000 (7)    | .....                |
| Standard Shoe Machinery Co. (5 companies not in United Company).....                                 | 1899               | .....               | N. J.               | .....                      | 2,500,000   | 1,500,000 (7)    | .....                |
| Standard Oil (petroleum refineries).....   | 1872               | 1882                | N. J.               | New York.....              | 97,250,000 (30)   | .....            | .....                |
| Standard Rope & Twine Co.....  | 1896               | .....               | N. J.               | New York.....              | 12,000,000  | .....            | 10,375,000 (5, 6)    |
| Steel Tired Car Wheel Co. (6 or 7 cos.)...   | 1898               | .....               | .....               | Trenton.....               | 2,000,000   | .....            | .....                |
| St. Louis Breweries, Limited.....  | .....              | .....               | .....               | .....                      | £900,000 (4)  | £900,000 (8)     | 4,961,000 (6)        |
| Tennessee Coal, Iron & Railroad Co.....  | 1887               | .....               | .....               | Birmingham.....            | £2,000,000 (1)  | 1,000,000 (8) e  | 10,985,000 (6, 7)    |
| Tidewater Oil Co. (consol. 4 companies)  | 1888               | .....               | N. J.               | New York.....              | 5,000,000   | .....            | .....                |
| Trenton Pottery Co.....  | 1892               | .....               | N. J.               | Trenton.....               | 1,750,000 (5)   | 1,250,000 (8)    | .....                |
| Union Bag & Paper Co. (90 per cent all Union Carbide Co. (consol. all cos.)...                       | 1898               | .....               | N. J.               | Chicago.....               | 16,000,000  | 11,000,000 (7)   | .....                |
| Union Steel & Chain Co. (78 properties)...   | 1898               | .....               | Pa.                 | .....                      | 6,000,000   | .....            | .....                |
| Union Switch & Signal Co. (consol. with Nat. S. & S. Co.).....                                       | 1899               | .....               | Del.                | New York.....              | 30,000,000  | 30,000,000 (7)   | 10,000,000           |
| Union Typewriter Co. (5 leading cos.)...   | 1893               | .....               | N. J.               | New York.....              | 10,000,000  | 8,015,000 (7, 8) | .....                |
| United Brew. Co. (13 brew. in Chicago)...  | 1896               | .....               | N. J.               | Chicago.....               | 5,463,000   | .....            | 3,413,000 (6)        |
| United Fruit Co. (10 big cos. trop. fruits)  | 1899               | .....               | N. J.               | Boston.....                | 10,471,000 (10)   | .....            | .....                |
| United Gas Improvement Co. (controls gas, etc., companies).....                                      | 1892               | 1895                | Pa.                 | Philadelphia.....          | 15,000,000 (8, 15)  | .....            | 1,000,000 (6)        |
| United Lighting & Heating Co. (8 companies, oil-light interests of U. S.)...                         | 1898               | .....               | N. J.               | .....                      | 6,000,000   | 6,000,000        | .....                |
| United Paper Co. (tissue paper).....   | 1892               | .....               | N. J.               | Paterson.....              | 1,500,000   | 1,500,000        | .....                |
| United Shoe Machinery Co.....  | 1899               | .....               | N. J.               | Boston.....                | 8,650,725 (2½)  | 8,657,700 (6)    | .....                |
| United Starch Co. (4 concerns, all outside National Starch Co.).....                                 | 1899               | .....               | N. J.               | New York.....              | 3,500,000   | 2,500,000 (6)    | .....                |
| United Zinc Co. (consol. 4 companies)...   | 1899               | .....               | .....               | .....                      | 5,000,000   | 1,000,000 (8)    | .....                |
| United States Cast-Iron Pipe & Foundry Co. (13 cos., all in South and West)...                       | 1899               | .....               | N. J.               | New York.....              | 12,000,000  | 12,000,000 (7)   | .....                |
| U. S. Bobbin & Shuttle Co. (5 concerns, 90 per cent output).....                                     | 1899               | .....               | N. J.               | .....                      | 1,030,000   | 650,000 (7)      | 300,000 (6)          |
| U. S. Dyewood & Extract Co. (all in U. S.)   | 1899               | .....               | N. J.               | .....                      | 4,000,000   | 6,000,000 (6)    | .....                |
| U. S. Envelope Co. (10 cos., 90 p. c. all U. S. Finishing Co. (3 dyeing and printing companies)..... | 1898               | .....               | Me.                 | Springfield.....           | 750,000   | 3,750,000 (7)    | 2,000,000 (6)        |
| U. S. Flour Milling Co. (24 big mills)...  | 1899               | .....               | N. J.               | .....                      | 1,000,000   | 2,000,000 (7)    | 1,750,000 (5)        |
| U. S. Glass Co. (flint glass, not in National Glass Co.).....  | 1899               | .....               | N. J.               | .....                      | 3,500,000   | 5,000,000 (8)    | 7,500,000 (6)        |
| U. S. Leather Co. (sole leather).....  | 1891               | .....               | Pa.                 | Pittsburgh.....            | 3,458,100   | 690,000          | .....                |
| U. S. Playing Card Co. (allied with 3 other companies).....  | 1893               | .....               | N. J.               | New York.....              | 62,854,600 (2)  | 62,254,600 (5)   | 5,280,000 (6)        |
| U. S. Rubber Co. (boot and shoe output)  | 1892               | .....               | .....               | Cincinnati.....            | 3,600,000   | .....            | .....                |
| U. S. Varnish Co. (all in United States)   | 1899               | .....               | N. J.               | New York.....              | 23,666,000 (4)  | 23,525,500 (8)   | 5,000,000 (5)        |
| U. S. Worsted Co. (19 largest mills).....  | 1899               | .....               | N. J.               | Philadelphia.....          | 18,000,000  | 18,000,000       | .....                |
| Vermont Marble Co.....   | 1880               | .....               | N. Y.               | New York.....              | 20,000,000  | 16,000,000 (7)   | .....                |
| Virginia-Carolina Chemical Co. (27 fertilizing factories).....                                       | .....              | 1898                | .....               | .....                      | 3,000,000   | .....            | 680,000              |
| Virginia Iron, Coal & Coke Co.....   | 1895               | 1898                | .....               | .....                      | 8,963,900 (4)   | 9,685,000 (8)    | .....                |
| Weisbach Commercial Co. (3 cos.).....  | 1899               | .....               | .....               | Bristol.....               | 8,425,000   | .....            | 8,425,000 (5)        |
| Western Union Telegraph (consol. with other companies 1881, 1887, and 1894)...                       | 1891               | 1896                | N. Y.               | New York.....              | 3,500,000   | 3,500,000 (7)    | .....                |
| Westinghouse Air-Brake Co. (consolidated Am. & Boy. companies in 1898)                               | 1889               | .....               | Pa.                 | Pittsburgh.....            | 97,370,000 (5)  | .....            | 15,366,292 (5, 6, 7) |
| Westinghouse Electric and Manufacturing Co. (pools with General Electric)                            | 1889               | .....               | .....               | .....                      | 10,950,000 (25)   | .....            | .....                |
| Wheeling Consolidated Coal Co. (consolidated 4 bituminous coal mines).....                           | 1872               | 1891                | Pa.                 | Pittsburgh.....            | 9,463,150   | 3,996,750 (7)    | 4,360,000 (5)        |
| .....  | 1899               | .....               | W. Va.              | .....                      | 5,000,000   | .....            | .....                |



[These references apply to the three preceding pages.]

\* Trust, as popularly understood means a consolidation, combine, pool, or agreement of two or more naturally competing concerns, which establishes a limited monopoly with power to fix prices or rates in any industry or group of industries. Only the more important or perfect trusts are contained in this list, over 500 are known to exist.

Natural monopolies, such as railroads, street railways, gas, electric light, and water companies, are not classed as trusts because they are not composed of naturally competing concerns. Consolidations and price and rate-fixing agreements in these industries exist in nearly every city in the country.

† The amount of stock issued is taken when known; when not known the amount authorized is given.

‡ If the trust is old enough to have had a dividend period the dividend given is for the last calendar or fiscal year, unless it is marked (a), (b), (c), (d), (e), (f), or (g), in which case it was last paid in the year 1897, 1896, 1895, 1894, 1893, 1892, or 1891, respectively.

## II.—SIXTY-FIVE PRINCIPAL UNINCORPORATED TRUSTS.\*

| PRESENT NAME OF TRUST.†   | When Formed‡ | Location Principal Office. | Capital.§    | PRESENT NAME OF TRUST.†   | When Formed‡ | Location Principal Office. | Capital.§    |
|---|--------------|----------------------------|--------------|---|--------------|----------------------------|--------------|
| Am. Knit Underwear Ass'n (45 mills in New York).....                                | 1899         | .....                      | \$15,000,000 | Mfrs.' Paper Co. of Chicago (sell'g agency for many mills).....       | 1898         | .....                      | \$10,000,000 |
| Am'tion Mfrs. Ass'n (cartridges).....   | 1838         | New York..                 | 4,000,000    | Mach. Silk & Sewing Silk Ass'n.....                                   | .....        | .....                      | 3,000,000    |
| Anthracite Coal Trust (a few companies fix prices).....                             | 1892         | .....                      | 150,000,000  | Maple Flooring (Mfrs.' Ass'n).....                                    | 1898         | .....                      | 2,000,000    |
| Associate Wine Dealers (ag'm't with Cal. Winemakers' Co.).....                      | 1899         | San Fran...                | 5,000,000    | Michigan Salt Ass'n (renews every 5 years).....                       | 1876         | .....                      | 4,000,000    |
| Atlantic Passenger Steamship Pool (renewed in 1893).....                            | 1899         | .....                      | 100,000,000  | Miss. Riv. Steam. Pool (3 cos.).....                                  | 1898         | .....                      | 10,000,000   |
| Bessemer Ore Association.....   | 1830         | Cleveland..                | 20,000,000   | National Ass'n of Axle Mfrs.....                                      | 1895         | Pittsburgh..               | 5,000,000    |
| Bott & Nut Ass'n (several ass'ns carriage, stoves, lire, etc.).....                 | 1868         | .....                      | 10,000,000   | Nat. Ass'n of Chamber Suits and Case Mfrs. (90 p. c. of mfrs.).....   | .....        | .....                      | 10,000,000   |
| Belting Mfrs. Ass'n (fix prices, 23 firms, 14 different States).....                | .....        | .....                      | 2,000,000    | National Dining Table Ass'n (39 firms).....                           | 1899         | Chicago....                | 4,000,000    |
| Broom Mfrs.' Ass'n of U. S. (60 mfrs., exp'd Oct. 14, renewed).....                 | 1892         | Chicago....                | 5,000,000    | National Hay Ass'n (500 firms fix prices).....                        | 1893         | .....                      | 20,000,000   |
| Box Bost'd Mfrs. Ass'n (pulp board, prices).....                                    | 1899         | .....                      | 2,000,000    | Nat. Mirror Mfrs.' Ass'n (40 cos.).....                               | 1898         | .....                      | 5,000,000    |
| Broom Twine (selling combine).....  | 1898         | .....                      | 500,000      | Nat. Boot and Shoe Mfg. Ass'n (95 manufacturers).....                 | 1899         | .....                      | 20,000,000   |
| Buggy-body and Carriage-body Makers.....  | 1899         | .....                      | 4,000,000    | New England Ins. Exchange (84 fire insurance companies).....          | 1863         | Boston....                 | 58,537,167   |
| California Raisin Growers' Ass'n (2,000 growers, 60 packing h.).....                | 1898         | Fresno....                 | 5,000,000    | N. Carolina Pine Timber Ass'n.....                                    | .....        | .....                      | 20,000,000   |
| Beef Trust (several big cos.).....  | 1890         | .....                      | 100,000,000  | Northw'n Plow & Impl't Ass'n.....                                     | .....        | .....                      | 10,000,000   |
| Cedar Shingles Mfrs.' Ass'n.....  | 1892         | .....                      | 5,000,000    | Oilcloth Pool (table, en'm'd, etc.).....                              | 1837         | .....                      | 1,500,000    |
| Washington (limits produc'n).....   | 1892         | .....                      | 5,000,000    | Fruit Cloth Pool (30 mills fix prices).....                           | 1898         | .....                      | 50,000,000   |
| Central Lumber Co. of Calif.'s Chemical Combine (pharmaceutical manufacturers)..... | 1896         | .....                      | 70,000,000   | Pugot Sound Packers' Ass'n (8 big salmon packers).....                | 1899         | Seattle....                | 1,000,000    |
| Chicago & Northw. Granaries Co. (agreements with other cos.).....                   | 1890         | Chicago....                | 2,200,000    | Shot and Lead Mfrs.' Ass'n (fixes prices).....                        | 1890         | .....                      | 2,000,000    |
| Columbia River Canneries Co. (fish packers).....                                    | 1896         | Portland..                 | 2,000,000    | Shovel Makers of U. S. and Can. (international agreement).....        | .....        | .....                      | 6,000,000    |
| Commercial Chem. Co. of U. S. (Paris green selling agency).....                     | 1898         | New York..                 | 2,000,000    | Soapmakers' Combination (most of the big Western cos.).....           | 1899         | .....                      | 50,000,000   |
| Copper Sheets & Bolts Mfrs.' Ass'n.....   | 1898         | Pittsburgh..               | 5,000,000    | Southern Yarn & Hosiery Ass'n (18 largest mills).....                 | 1899         | .....                      | 6,000,000    |
| Derry Hat Pool (4 big companies sell together).....                                 | 1899         | San Fran...                | 3,000,000    | Steel Beams Ass'n (fixes prices).....                                 | 1883         | Pittsburgh..               | 20,000,000   |
| Dynamite Pool (3 big Cal. cos.).....  | 1897         | San Fran...                | 2,000,000    | Steel Rail Mfrs.' Ass'n (all big companies agree).....                | 1884         | .....                      | 50,000,000   |
| Fruit Desp. Co. (fruit sell. ag'y).....   | .....        | .....                      | 5,000,000    | Straw Wrap'g Paper Mfrs.' Ass'n.....                                  | .....        | .....                      | 4,000,000    |
| Electrotypers, N.Y. City & vic. ....  | 1897         | New York..                 | 5,000,000    | Theatrical Trust (50 big ones working together).....                  | 1898         | .....                      | 30,000,000   |
| Grain Elevators on Great Lakes (10 or more companies pool).....                     | .....        | .....                      | 10,000,000   | Toilet Soap Manufacturers.....  | 1899         | .....                      | 3,000,000    |
| Grape Growers' Pool (agree on prices, Northern Ohio).....                           | 1898         | .....                      | 2,000,000    | U. S. Eaves Trough and Conductor Pipe Association.....                | 1897         | Pittsburgh..               | 2,000,000    |
| Georgia Saw Mill Ass'n (lumbermen of S. Car. and Florida).....                      | .....        | .....                      | 5,000,000    | U. S. Paper Bag Mfrs.' Ass'n (10 concerns not in U. B. & P. Co.)..... | 1899         | .....                      | 4,000,000    |
| Hot Air Furnace Mfrs.' Ass'n.....   | .....        | Pittsburgh..               | 5,000,000    | Western Elevator Ass'n (40 leading in Buffalo).....                   | 1897         | Buffalo....                | 15,000,000   |
| Linen Thread Co. (selling agency for 3 companies).....                              | 1898         | Paterson...                | 4,000,000    | Wholesale Drugists' National Ass'n (25 firms) b.....                  | 1874         | Phil'd'phia                | 25,000,000   |
| Lake Carriers' Ass'n (3 lines, pool prices).....                                    | 1898         | .....                      | 20,000,000   | Wholesale Grocers of New Eng. ....                                    | 1875         | Boston....                 | 75,000,000   |
| Lumber Dealers of Texas (combine on prices).....                                    | .....        | .....                      | 5,000,000    | Window Shade Mfrs.' Ass'n (nearly all in United States).....          | 1896         | .....                      | 2,000,000    |
|   |              |                            |              | Wire Cloth Mfrs.' Ass'n of America (12 firms).....                    | 1899         | .....                      | 5,000,000    |

\* These trusts consist of price and rate-fixing agreements, profit-sharing pools, selling or buying agencies, product-restricting agreements, etc. The number of such trusts is very great. They exist in nearly every industry, and in nearly every State and city. A few of those given may be incorporated.

† Many of these trusts have no specific names.

‡ Some of these trusts have been operative for many years. Some are renewed periodically, as the Michigan Salt Association every five years. Some are ineffective a part of the time because of disagreements. Some, like the Paris Green Combine, are effective for only a few months in a year, and do not reappear every year.

§ The capital of the allied concerns is usually estimated. In such cases as the Anthracite Coal and Steel Rail trusts only such part of the capital of the allied concerns is taken as is believed to be devoted to the particular industry considered.

(a) Similar fire insurance associations for fixing rates, terms, conditions, etc., exist in all sections of the country and in most States and cities. They are nominally inactive in several States with strong "anti-compact" laws. The combined capital of the insurance companies working more or less harmoniously together is about \$80,000,000.

(b) This association maintains prices of proprietary medicines by refusing to handle goods sold to wholesalers who cut prices. Similar local associations of jobbers and retailers regulate prices of most leading articles in States, counties, and cities.

(c) Wholesale grocers' associations exist everywhere. By means of rebates, etc., they assist manufacturers of sugar, starch, baking powder, and of many other leading articles in maintaining uniform prices.

## National Party Platforms of 1896.

DEMOCRATIC AND REPUBLICAN PLATFORMS ON THE QUESTIONS OF THE CURRENCY, THE TARIFF, TRUSTS, AND OUR FOREIGN POLICY. FROM THE PLATFORM OF THE DEMOCRATIC PARTY. ADOPTED AT CHICAGO, JULY 9.

**The Money Question.**—Recognizing that the money question is paramount to all others at this time, we invite attention to the fact that the Constitution names silver and gold together as the money metals of the United States, and that the first coinage law passed by Congress under the Constitution made the silver dollar the money unit of value and admitted gold to free coinage at a ratio based upon the silver dollar unit.

**Demonetization Act of 1873 Condemned.**—We declare that the act of 1873 demonetizing silver without the knowledge or approval of the American people has resulted in the appreciation of gold and a corresponding fall in the prices of commodities produced by the people; a heavy increase in the burden of taxation and of all debts, public and private; the enrichment of the money-lending class at home and abroad; the prostration of industry and impoverishment of the people.

**Opposed to Gold Monometallism.**—We are unalterably opposed to monometallism which has locked fast the prosperity of an industrial people in the paralysis of hard times. Gold monometallism is a British policy, and its adoption has brought other nations into financial servitude to London. It is not only un-American, but anti-American, and it can be fastened on the United States only by the stifling of that indomitable spirit and love of liberty which proclaimed our political independence in 1776 and won it in the War of the Revolution.

**Free Silver Coinage.**—We demand the free and unlimited coinage of both silver and gold at the present legal ratio of 16 to 1 without waiting for the aid or consent of any other nation. We demand that the standard silver dollar shall be a full legal tender equally with gold for all debts, public and private, and we favor such legislation as will prevent for the future the demonetization of any kind of legal tender money by private contract.

**The Tariff.**—We hold that tariff duties should be levied for purposes of revenue, such duties to be so adjusted as to operate equally throughout the country and not discriminate between class or section, and that taxation should be limited by the needs of the Government, honestly and economically administered. We denounce as disturbing to business the Republican threat to restore the McKinley law, which has twice been condemned by the people in National elections, and which, enacted under the false plea of protection to home industry, proved a prolific breeder of trusts and monopolies, enriched the few at the expense of the many, restricted trade, and deprived the producers of the great American staples of access to their natural markets.

**Trusts and Pools.**—The absorption of wealth by the few, the consolidation of our leading railroad systems, and the formation of trusts and pools require a stricter control by the Federal Government of those arteries of commerce. We demand the enlargement of the powers of the Interstate Commerce Commission and such restrictions and guarantees in the control of railroads as will protect the people from robbery and oppression.

**The Monroe Doctrine.**—The Monroe doctrine, as originally declared and as interpreted by succeeding Presidents, is a permanent part of the foreign policy of the United States, and must at all times be maintained.

FROM THE PLATFORM OF THE REPUBLICAN PARTY. ADOPTED AT ST. LOUIS, JUNE 18.

**The Currency Question.**—The Republican party is unreservedly for sound money. It caused the enactment of the law providing for the resumption of specie payments in 1879; since then every dollar has been as good as gold. We are unalterably opposed to every measure calculated to debase our currency or impair the credit of our country. We are therefore opposed to the free coinage of silver except by international agreement with the leading commercial nations of the world, which we pledge ourselves to promote, and until such agreement can be obtained the existing gold standard must be preserved. All our silver and paper currency must be maintained at parity with gold, and we favor all measures designed to maintain inviolably the obligations of the United States, and all our money at the present standard, the standard of the most enlightened nations of the earth.

**The Tariff.**—We renew and emphasize our allegiance to the policy of protection as the bulwark of American industrial independence and the foundation of American development and prosperity. This true American policy taxes foreign products and encourages home industry; it puts the burden of revenue on foreign goods; it secures the American market for the American producer; it upholds the American standard of wages for the American workingman; it puts the factory by the side of the farm and makes the American farmer less dependent on foreign demand and price; it diffuses general thrift and founds the strength of all on the strength of each. In its reasonable application it is just, fair, and impartial, equally opposed to foreign control and domestic monopoly, to sectional discrimination, and individual favoritism.

We denounce the present Democratic tariff as sectional, injurious to the public credit, and destructive to business enterprise. We demand such an equitable tariff on foreign imports which come into competition with American products as will not only furnish adequate revenue for the necessary expenses of the Government, but will protect American labor from degradation to the wage level of other lands. We are not pledged to any particular schedules. The question of rates is a practical question, to be governed by the conditions of the time and of production; the ruling and uncompromising principle is the protection and development of American labor and industry. The country demands a right settlement, and then it wants rest.

**The Monroe Doctrine.**—We reassert the Monroe doctrine in its full extent, and we reaffirm the right of the United States to give the doctrine effect by responding to the appeal of any American States for friendly intervention in case of European encroachment. We have not interfered, and shall not interfere, with the existing possessions of any European power in this hemisphere, but these possessions must not, on any pretext, be extended. We hopefully look forward to the eventual withdrawal of the European powers from this hemisphere, and to the ultimate union of all of the English-speaking part of the continent by the free consent of its inhabitants.

**Foreign Relations.**—Our foreign policy should be at all times firm, vigorous, and dignified, and all our interests in the Western Hemisphere carefully watched and guarded. The Hawaiian Islands should be controlled by the United States, and no foreign power should be permitted to interfere with them; the Nicaraguan Canal should be built, owned, and operated by the United States, and by purchase of the Danish Islands we would secure a much-needed naval station in the West Indies.

[The entire platforms of all the political parties, adopted in 1896, were printed in THE WORLD ALMANAC for 1897.]

## Party Platforms on National Issues in 1899.

RESOLUTIONS ADOPTED BY POLITICAL STATE CONVENTIONS LAST YEAR DEFINING THEIR POSITION ON NATIONAL ISSUES, GROUPED BY TOPICS.

### THE CURRENCY.

#### DEMOCRATIC CONVENTIONS.

**Iowa.**—We, the Democrats of Iowa, in convention assembled, unqualifiedly and unreservedly indorse the Chicago platform of 1896 in whole and in detail, and declare our unwavering fidelity and adherence to the same.

**Kentucky.**—The Democrats of Kentucky, in convention assembled, reaffirm, without the slightest qualification, the principles and policies declared in the Democratic National platform, adopted at Chicago in 1896. Our faith in bimetallicism is vindicated by events. \* \* \* The present legal ratio of 16 to 1 is the only ratio at which bimetallicism can be restored, and opposition to it is confined to those who oppose bimetallicism at any ratio and to those who misapprehend or ignore the reasons which led three National conventions to adopt it.

**Massachusetts.**—Particularly do we reiterate our belief in the financial plank of the Chicago platform, and renew our demand for the free and unlimited coinage of both gold and silver at the ratio of 16 to 1.

**Nebraska.**—The present legal ratio of 16 to 1 is the natural and necessary ratio, and the opponents of that ratio have nothing to offer in its place but the evasive and ambiguous phraseology which for years furnished to the gold-standard advocates a mask behind which to hide while they secretly labored to make gold monometallicism permanent.

**Ohio.**—We heartily reaffirm the entire Chicago platform of 1896, and we especially emphasize the financial plank therein, and we continue to demand the free and unlimited coinage of silver and gold as equal in primary money at the rate of 16 to 1, independent of all other nations in the world.

#### REPUBLICAN CONVENTIONS.

**Iowa.**—We readopt the following declaration from the Iowa Republican platform of 1898: "The monetary standard of this country and the commercial world is gold. The permanence of this standard must be assured by Congressional legislation giving to it the validity and vitality of public law. All other money must be kept at a parity with gold." and we urgently call upon our Senators and Representatives in Congress to lend their best endeavors to enact these propositions into law.

**Kentucky.**—We reaffirm our adherence to the principles and policies proclaimed by the last National Republican Convention, except as to the civil service. We regard it as settled beyond dispute that the maintenance of a sound currency through the Republican Administration and legislation is the foundation upon which rests the most remarkable period of industrial progress, commercial activity, and general prosperity within the experience of the people of the United States.

**Maryland.**—We believe in the gold standard, and that all our currency should be made by law redeemable in gold coin at the option of the holder.

**Massachusetts.**—The Republican party stands unreservedly pledged to maintain the existing gold standard, and we look with confidence to the Fifty-sixth Congress for the enactment of measures to so perfect our monetary system that there shall be ample money for the expanding business of the country, and to so arm and guard the Treasury that it can at all times protect the National credit.

**Nebraska.**—We adhere unequivocally to the gold standard, and are unalterably opposed to the free coinage of silver. Gold has been our standard since 1834, and is now the standard of every civilized and important country in the world.

**Ohio.**—The Republican party of Ohio reaffirms the principles declared by the St. Louis platform, \* \* \* William McKinley, \* \* \* the wise and patriotic defender and advocate of honest money.

**Pennsylvania.**—We reaffirm the principles of our party declared in the National platform by the St. Louis Convention. The Republican party of Pennsylvania stands unequivocally and unreservedly for sound money, and favors a currency with which to pay the wages of labor and the earnings of capital, the soldier, and pensioner as good as gold the world over. To further these ends we believe in maintaining the existing gold standard, and are unalterably opposed to the free coinage of silver at the ratio of 16 to 1.

### PROTECTION.

#### DEMOCRATIC CONVENTIONS.

**Iowa.**—We demand that they (the trusts) be suppressed by the repeal of the protective tariff and other privilege-conferring legislation responsible for them.

**Kentucky.**—We denounce \* \* \* the protective tariff laws, known as the McKinley and Dingley bills, whereby there is a discrimination in favor of corporate wealth and against individual enterprise.

#### REPUBLICAN CONVENTIONS.

**Iowa.**—We commend the action of the Iowa delegation in Congress in its support of protection, of the Dingley tariff, of the maintenance of the gold standard, and in its faithful support of the Administration of President McKinley in his policy in peace and war.

**Maryland.**—We continue to favor such a system of import duties as shall protect American industries and provide sufficient revenue for the expenses of Government, economically administered.

**Massachusetts.**—A tariff law has been enacted abundantly adequate to meet the expenses of the Government on a peace footing and so adjusted in its relations to our foreign and domestic trade that it has already lifted the country into a state of industrial activity and prosperity without precedent in our history, or parallel in the world.

**Pennsylvania.**—We renew and emphasize our allegiance to the policy of protection, which is the bulwark of our industrial development and the foundation of the prosperity of our country. We cordially indorse and heartily approve the wise course pursued by our representatives in Congress in the enactment of the Dingley tariff law.

## TRUSTS.

## DEMOCRATIC CONVENTIONS.

**Iowa.**—We view with alarm the multiplication of those combinations of capital commonly known as trusts, that are concentrating and monopolizing industry, crushing out independent producers of limited means, destroying competition, restricting opportunities for labor, artificially limiting production and raising prices, and creating an industrial condition different from state socialism only in the respect that under socialism the benefits of production would go to all, while under the trust system they go to increase the fortune of these institutions. \* \* \* It is our solemn conviction that the trusts must be destroyed or they will destroy free government, and we demand that they be suppressed by the repeal of the protective tariff and other privilege-conferring legislation responsible for them and by the enactment of such legislation, State and National, as will aid in their destruction.

**Kentucky.**—We believe the trust is the result, in large measure, of the policies adopted and pursued by the Republican party, chief among which are the demonetization of silver, by which the volume of currency has been kept below the demands of business, and the enactment and enforcement of vicious, unwise, and unpatriotic legislation, such as the protective tariff laws, known as the McKinley and Dingley bills, whereby there is a discrimination in favor of corporate wealth and against individual enterprise. We favor the destruction of the result as well as the removal of the causes. The re-establishment of independent bimetalism at 16 to 1 and the repeal of all protective tariff laws would do more to cripple and destroy the organization and operation of the trusts than any other laws.

**Maryland.**—We view with alarm the multiplication over the land of such gigantic industrial and commercial trusts, the outgrowth of Republican legislation, as stifle competition, threaten popular government, increase the cost of living, and curtail the individual rights of the people, and we favor vigorous measures by the States and by Congress to repress this great and growing evil.

**Massachusetts.**—We pledge our-elves to give due trial to such remedies as may hasten the disintegration of trusts—for example, a compulsory system of publicity for all trust records and accounts, a Federal law prohibiting a monopoly from making more divergent prices for its products in different parts of the country than are warranted by differing freight rates, thus preventing underselling in one State to drive out competitors at the expense of the consumer in other States, where the monopoly is complete, and a more rigid enforcement of the law against railroad discriminations, pending the actual government ownership and operation of all railroads, which this convention demands.

**Nebraska.**—The industrial trusts springing up on every hand testify to the Administration's indifference to monopoly or its inability to cope with it. We denounce the failure of the Administration to enforce the present law against trusts or to recommend new laws if the present law is deemed insufficient. We are opposed to the principle of monopoly wherever it manifests itself. We demand the enforcement of the present Federal law, the enactment of such new legislation as may be necessary, and a constitutional amendment if the present Constitution is construed to protect trusts, to the end that the monopolization of industry by private corporations may be absolutely prevented.

**Ohio.**—We declare that all unlawful combinations of capital are the legitimate fruits of a gold standard and other corrupt Republican legislation on questions of the tariff, and we demand that all articles the prices of which are controlled by the trusts be placed on the free lists.

**Pennsylvania.**—We are opposed to all combinations of capital calculated to produce monopoly, or restrain trade, as being inconsistent with the spirit of free institutions, and if their establishment cannot be constitutionally prevented, we hold that they should be so regulated and limited by proper legislation that individual effort and opportunity shall not be impaired.

## REPUBLICAN CONVENTIONS.

**Iowa.**—To maintain the welfare of the people is the object of all governments. Industry and commerce should be left free to pursue their method according to the natural laws of the world, but when the business aggregations known as trusts prove hurtful to the people they must be restrained by National laws, and if need be abolished.

**Kentucky.**—We pledge the Republican party of Kentucky to the enactment of all such laws as may be necessary to prevent trusts, pools, combinations, or other organizations from combining to depreciate below its real value or to enhance the cost of any article, or to reduce the proper emoluments of labor.

**Maryland.**—We strongly favor laws to successfully suppress trusts and all combinations which create monopoly. It was the Republican party which passed the Federal law against trusts, and which is enforcing it so far as States' rights permit.

**Massachusetts.**—The Republican party of Massachusetts is unqualifiedly opposed to trusts and monopoly, and the capitalization of fictitious and speculative valuations, and reiterates its declaration in the platform of 1894 against stock-watering in all forms, and points to the existing legislation, and especially to the anti-stock-watering laws of that year passed by a Republican Legislature and signed by a Republican Governor, as proof of its progress, sincerity, wisdom, and courage upon this issue. It believes that similar laws enacted by all the States in connection with the Federal Trust law already passed by a Republican Congress would put an end to the danger from the growth of great combinations and trusts.

**Nebraska.**—The Republican party now, as always, opposes trusts and combinations having for their purpose the stifling of competition and arbitrarily controlling production or fixing prices. but we also recognize that legitimate business interests, fairly capitalized and honestly managed have built up our industries at home, given the largest employment to labor at the highest wage, and have enabled us to successfully compete with foreign countries in the markets of the world.

**Ohio.**—We commend the action of the Seventy-third General Assembly of Ohio in passing the stringent law now on our statute books, prohibiting the organization of trusts, and we denounce such unlawful combinations as inimical to the interests of the people.

## MILITARISM—NATIONAL EXPANSION—THE PHILIPPINE WAR.

## DEMOCRATIC CONVENTIONS.

**Iowa.**—We also condemn the war against the Philippines, believing it to have been inspired by Great Britain for the purpose of producing conditions that will force an Anglo-American alliance. And we not only protest against the war and demand its termination by extension to the Filipinos of the same assurance given to the Cubans, but we record our deep-seated antagonism to an alliance

with Great Britain or any other European power, and express our detestation of the attempts made in British interests to disrupt the friendly relations which have uniformly obtained between the United States and Germany. We oppose conquest of the Philippines, because imperialism means militarism, because militarism means government by force, and because government by force means death to government by consent, destruction of political and industrial freedom, the obliteration of the equality of rights and the assassination of democratic institutions.

**Kentucky.**—We declare the conduct of the present National Administration as to the Philippines to be repugnant to every line of the Bill of Rights, the Constitution, and the Declaration of Independence.

**Maryland.**—We declare our unalterable opposition to the creation and maintenance of a large standing army in time of peace, and we insist upon the supremacy of the civil over the military authority.

**Massachusetts.**—To the war with Spain—a war rightly waged in the cause of humanity, and which was forced upon an unwilling Republican Administration by the insistence of the Democrats in House and Senate—there has succeeded a war of criminal aggression in the Philippines. We hold that this war is wanton and needless. It is in violation of the principles of American constitutional liberty, not only because it is prosecuted by the Administration without the Congressional action which the Constitution prescribes, but because it is a denial of that right of self-government which, from the day our forefathers faced the British at Concord Bridge, has been a cardinal precept of American political philosophy, until now William McKinley, with the applause and overt sympathy of the British Government, has discarded it. We demand that of the Philippines as well as of the Cubans it shall be said to-day that they are and of right ought to be free and independent, and we hold that such a declaration, coupled with the expression of the purpose of the United States to protect the islands from the assaults of any foreign power, would speedily restore order, purge our National honor of the stain put upon it by injustice and bad faith, and advance American trade in the far East. Back of the gaudy trappings of imperialism lurks the less spectacular but more terrifying form of militarism. Against a great standing army the Democracy, both of State and nation, has resolutely set its face, but in the reiterated demands for more and more troops to subdue the Tagalos may be detected the purpose to have ultimately more soldiers to employ at home.

**Nebraska.**—We believe the Filipinos should have received the same treatment as the Cubans, and that, as the Cubans were assured of ultimate independence and protection, so the Filipinos should have been assured in the beginning of our nation's intention to give them independence as soon as a stable government should be established, and protection from outside interference. Such assurances should be given now.

**Ohio.**—We are radically and unalterably opposed to imperialism in the United States of America. When we have solved some of the race problems that confront us at home, then by example we can proclaim the blessings that flow from free institutions, and thus procure "benevolent assimilation" without "criminal aggression." \* \* \* We demand that the Cubans and Filipinos not only be permitted but encouraged to establish independent republics, deriving all of their governmental powers from the consent of the governed. \* \* \* A large standing army in our republic is a menace to liberty.

#### REPUBLICAN CONVENTIONS.

**Iowa.**—There shall be no division among us until all in arms against the flag shall confess the flag's supreme rights and honor and shall know that even in the farthest East it is the sign and promise of equal law, of justice and liberty throughout the land and to all the inhabitants thereof.

**Kentucky.**—We declare our confidence in the policies adopted and the measures taken by the President to restore order and to establish progressive government in Cuba, Porto Rico, and the Philippines, and we pledge him our continuous support until these objects are fully attained.

**Maryland.**—While we deplore the insurrection in the Philippine Islands, wherein by cession from Spain we acquired the right of sovereignty duty demands that we retain and pacify them, and safeguard the interests of commerce until the problem of their final disposition be solved in such manner that the glory of our flag be not sullied nor the liberty it stands for restrained.

**Massachusetts.**—We commend the tact, the patience, the skill, and the statesmanlike spirit with which the President has approached the perplexing problems arising from the war. Under the treaty with Spain, the law of nations put upon the United States the responsibility for the peace and security of life and property, the well-being and the future government of the Philippine Islands; accepting this responsibility it is our profound trust that the present hostilities can be brought to an early termination, and that Congress, guided by a wise and patriotic Administration, will establish and maintain in those islands, hitherto the home of tyrants, a government as free, as liberal, and as progressive as our own, in accordance with the sacred principles of liberty and self-government upon which the American Republic so securely rests.

**Nebraska.**—While we deplore the insurrection in the Philippine Islands, yet we recognize the duties and obligations imposed upon our nation by the victory of our navy and the matchless valor of our arms, resulting in the treaty of Paris, which imposed upon the President the duty of maintaining the authority of the United States over the territory acquired thereby, and so long as there is one gun pointed at an American soldier, so long as there is an armed enemy assailing our flag, so long must patriotic and loyal Americans uphold our President in effecting protection, tranquillity, and peace to all who recognize our lawful occupation.

**Ohio.**—To the same master guidance, controlled by the great principles that have shaped the high destiny of the Republican party from Lincoln to McKinley, the people can safely commit the solution of the momentous problems of the future of Cuba, Porto Rico, and the Philippine Islands. Their wise solution will vastly increase our foreign trade, spread American civilization abroad, and add to the honor and power and glory of this great nation.

**Pennsylvania.**—We promise him (the President) our faithful support in the prosecution of the war in the Philippines, in order that the supremacy of the flag planted there by the valor of our army and navy may be maintained. To give continued employment to the industry, ingenuity, and skill of the American mechanic and laborer we must find new markets abroad for our surplus products. The commercial control of additional territory will afford new markets which will necessarily increase our commerce and develop our manufacturing interests. We have ceased to be content with supplying products for home consumption alone. We must keep pace with other nations in seeking new fields for our commerce, and to this end we support the policy of industrial, commercial, and National expansion.

## Political Record of 1899.

Jan. 11. Chief Justice Jonathan Ross was appointed United States Senator from Vermont to fill vacancy caused by the death of Justin S. Morrill.

Jan. 11. Connecticut Republican Legislative Caucus nominated Joseph R. Hawley for Senator, the ninth ballot being: Hawley, 117; Fessenden, 69; Bulkeley, 8; Russell, 4.

Jan. 17. Maine Legislature re-elected Eugene Hale, Republican, Senator, the ballot being: Hale, 111; Samuel L. Lord, Dem., 15.

Jan. 17. Connecticut Legislature re-elected Joseph R. Hawley, Republican, Senator, the ballot being: Hawley, 178; Daniel N. Morgan, Dem., 57.

Jan. 17. Minnesota Legislature re-elected Cushman K. Davis, Republican, Senator, the ballot being: Davis, 116; Charles A. Towne, Dem., 62.

Jan. 17. Massachusetts Legislature re-elected Henry Cabot Lodge, Republican, Senator, the ballot being: Lodge, 190; A. S. Bruce, Dem., 72.

Jan. 17. New York Legislature elected Chauncey M. Depew, Republican, Senator, the ballot being: Depew, 111; Edward Murphy, Jr., 83.

Jan. 18. Indiana Legislature elected A. J. Beveridge, Republican, Senator.

Jan. 18. Missouri Legislature re-elected Francis M. Cockrell, Democrat, Senator.

Jan. 18. Michigan Legislature re-elected Julius C. Burrows, Republican, Senator, the ballot being: Burrows, 110; Daniel J. Campau, Dem., 13.

Jan. 24. Nevada Legislature re-elected William M. Stewart, Silverite, Senator, his vote on joint ballot being 24. A. A. Cleveland received 6 and W. W. Williams 10.

Jan. 24. New Jersey Legislature elected John Kean, Republican, Senator, the ballot being: Kean, 51; James Smith, Jr., Dem., 29.

Jan. 24. Wyoming Legislature re-elected Clarence D. Clark, Republican, Senator, the ballot being: Clark, 47; J. E. Osborn, Dem., 8.

Jan. 25. West Virginia Legislature elected Nathan B. Scott, Republican, Senator, the ballot being: Scott, 48; McGraw, Dem., 46; Goff, Rep., 1.

Jan. 25. Texas Legislature elected Charles A. Culberson, Democrat, Senator without opposition.

Jan. 28. Montana Legislature elected William A. Clark, Democrat, Senator, the seventeenth and last ballot being: Clark, 54; Conrad, Rep., 27; Marshall, Rep., 4. Eleven Republicans voted for Clark.

Jan. 31. Wisconsin Legislature elected Joseph V. Quarles, Republican, Senator over Timothy E. Ryan, Democrat.

Feb. 1. Washington State Legislature elected Addison G. Foster, Republican, Senator.

March 1. Michigan Republican State Convention at Jackson nominated candidates for Judiciary and University Regents.

March 8. Michigan Democratic State Convention at Kalamazoo nominated candidates for Supreme Court Justice and University Regents. Ballot for Justice: Thomas E. Barkworth, 445; Allan B. Morse, 327.

March 8. Nebraska Legislature elected Monroe L. Hayward, Republican, Senator, the ballot being: Hayward, 74; W. V. Allen, Dem. and Pop., 58.

March 10. Utah Legislature adjourned without electing a Senator. The last ballot was: McCune, 20; George Q. Cannon, 19; F. J. Cannon, 7; King, 4; J. H. Moyle, 4; Powers, 4; Nebeker, 1; Sutherland, 2.

March 13. Delaware Legislature adjourned without electing a Senator after 113 ballots, the last being: Addicks, Union Rep., 21; Du Pont, Rep., 9; Biggs, Dem., 6; Handy, Dem., 5; Gray, Dem., 4; Saulsbury, Dem., 3; Higgins, Rep., 2.

March 19. California Legislature adjourned without electing a United States Senator.

April 3. Michigan State election for Supreme Court Justice and University Regents was carried by the Republicans.

April 4. Wisconsin State election for Judiciary. The only candidates were non-partisan.

April 5. Rhode Island State election was carried by the Republicans.

April 19. Florida Legislature elected James P. Taliaferro, Democrat, Senator, the ballot being: Taliaferro, 59; Pasco, Dem., 30; Call, Dem., 6.

April 20. Pennsylvania Legislature adjourned without electing a Senator, the final ballot being: M. S. Quay, Rep., 93; George A. Jenks, Dem., 85; B. F. Jones, Ind. Rep., 69. Necessary to a choice, 124.

June 2. Ohio Republican State Convention at Columbus nominated a State ticket, with George K. Nash for Governor. He was nominated on second ballot: Nash, 289; Daugherty, 211; Jones, 76; Nevias, 82; Douglas, 60; Durban, 46; Hull, 39; Orr, 17.

June 15. Pennsylvania Democratic State Convention at Harrisburg nominated candidates for State Treasurer and two Judges.

June 28. Kentucky Democratic State Convention at Louisville nominated a State ticket, with William Goebel for Governor on the 26th ballot over Stone and Hardin.

July 13. Kentucky Republican State Convention at Lexington nominated a State ticket, with W. S. Taylor for Governor. He was nominated without opposition.

July 27. Kentucky Populist State Convention at Frankfort nominated a State ticket, with John G. Blair for Governor. Wharton Barker, of Pennsylvania, was endorsed for President.

Aug. 2. Iowa Republican State Convention at Des Moines nominated a State ticket, with L. M. Shaw (without opposition) for Governor.

Aug. 2. Maryland Democratic State Convention at Baltimore nominated a State ticket, with John Walter Smith for Governor by acclamation.

Aug. 16. Kentucky Democrats opposed to William Goebel met at Lexington and nominated John Young Brown for Governor.

Aug. 16. Iowa Democratic State Convention at Des Moines nominated a State ticket, with Fred E. White for Governor. The ballot for Governor was: White, 740½; Sells, 192; Daugherty, 106; Bashor, 84½; Daly, 30; Genung, 13. The ticket was endorsed by the Populists.

Aug. 22. Nebraska Democratic State Convention at Omaha nominated S. A. Holcomb for Supreme Court Judge by acclamation. The ticket was endorsed by the Populists and Silver Republicans.

Aug. 24. Pennsylvania Republican Convention at Harrisburg was controlled by ex-Senator Quay, and nominated candidates for State Treasurer and Judges.

Aug. 24. Mississippi Democratic State Convention at Jackson nominated a State ticket, with A. H. Longino for Governor.

Aug. 30. Ohio Democratic State Convention at Zanesville nominated a State ticket, with John R. McLean for Governor. He was nominated on first ballot, which was: McLean, 402½; Kilbourne, 227; Sherwood, 57; Haskell, 55; Rice, 29½; Seward, 25.

Sept. 6. Maryland Republican State Convention at Baltimore nominated a State ticket, with Lloyd Lowndes for Governor.

Sept. 21. Massachusetts Democratic State Convention at Boston nominated a State ticket, with Robert Treat Paine (unanimously) for Governor.

Sept. 21. Nebraska Republican State Convention at Omaha nominated M. B. Reese for Supreme Court Judge on the first ballot.

Oct. 6. Massachusetts Republican State Convention at Boston nominated a State ticket, with Winthrop M. Crane for Governor by acclamation.

Nov. 7. State officers were elected by the Republicans in Iowa, Massachusetts, Ohio, Pennsylvania, and South Dakota; by the Democrats in Maryland and Mississippi; and by the Fusionists in Nebraska. The result was divided in Kentucky. Republican Legislatures were elected in New York and New Jersey, and a Democratic Legislature in Virginia. The City of New York was carried by the Democrats by 50,000 majority.

## Democratic National and State Committees.

## DEMOCRATIO NATIONAL COMMITTEE.

Appointed by the Democratic National Convention at Chicago, July, 1896, with Revisions to Date.

|                       |                         |                 |                     |                         |                 |
|-----------------------|-------------------------|-----------------|---------------------|-------------------------|-----------------|
| Chairman.....         | JAMES K. JONES.....     | Wash'gt'n, Ark. | Mississippi.....    | W. V. Sullivan.....     | Oxford.         |
| Secretary.....        | C. A. Walsh.....        | Ottumwa, Ia.    | Missouri.....       | William J. Stone.....   | St. Louis.      |
| Treasurer.....        | James L. Norris.....    | Wash'gt'n, D.C. | Montana.....        | John J. McHatton.....   | Butte.          |
| Alabama.....          | Henry D. Clayton.....   | Evansville.     | Nebraska.....       | W. H. Thompson.....     | Grand Island.   |
| Alaska.....           | Chas. D. Rogers.....    | Sitka.          | Nevada.....         | Clayton Belknap.....    | Virginia City.  |
| Arizona.....          | W. H. Burbage.....      | Holbrook.       | New Hampshire.....  | True L. Norris.....     | Portsmouth.     |
| Arkansas.....         | Thomas C. McRae.....    | Prescott.       | New Jersey.....     | Philip D. Baker.....    | Vineland.       |
| California.....       | J. J. Dwyer.....        | San Francisco.  | New Mexico.....     | H. B. Fergusson.....    | Albuquerque.    |
| Colorado.....         | Adair Wilson.....       | Durango.        | New York.....       | Frank Campbell.....     | Bath.           |
| Connecticut.....      | Alexander Troup.....    | New Haven.      | North Carolina..... | Josephus Daniels.....   | Raleigh.        |
| Delaware.....         | Richard R. Kenney.....  | Dover.          | North Dakota.....   | I. P. Baker.....        | Bismarck.       |
| Dis. of Columbia..... | (Vacant by death).      |                 | Ohio.....           | John R. McLean.....     | Cincinnati.     |
| Florida.....          | Samuel Pasco.....       | Monticello.     | Oklahoma.....       | Whit M. Grant.....      | Oklahoma City.  |
| Georgia.....          | Clark Howell, Jr.....   | Atlanta.        | Oregon.....         | J. H. Townsend.....     | Dallas.         |
| Idaho.....            | George Ainslie.....     | Boise.          | Pennsylvania.....   | J. M. Guffey.....       | Pittsburgh.     |
| Illinois.....         | Thomas Gahan.....       | Chicago.        | Rhode Island.....   | Rich. B. Comstock.....  | Providence.     |
| Indiana.....          | John G. Shanklin.....   | Evansville.     | South Carolina..... | B. R. Tillman.....      | Trenton.        |
| Indian Territory..... | Thomas Marcum.....      | Muscogee.       | South Dakota.....   | James M. Woods.....     | Rapid City.     |
| Iowa.....             | C. A. Walsh.....        | Ottumwa.        | Tennessee.....      | James M. Head.....      | Nashville.      |
| Kansas.....           | J. G. Johnson.....      | Peabody.        | Texas.....          | James G. Dudley.....    | Paris.          |
| Kentucky.....         | Urey Woodson.....       | Owensboro.      | Utah.....           | A. W. McCune.....       | Salt Lake City. |
| Louisiana.....        | N. C. Blanchard.....    | Shreveport.     | Virginia.....       | Peter J. Otey.....      | Lynchburg.      |
| Maine.....            | Seth C. Gordon.....     | Portland.       | Vermont.....        | Bradley B. Smalley..... | Burlington.     |
| Maryland.....         | Arthur P. Gorman.....   | Laurel.         | Washington.....     | Wm. H. White.....       | Seattle.        |
| Massachusetts.....    | Geo. Fred Williams..... | Dedham.         | West Virginia.....  | John T. McGraw.....     | Grafton.        |
| Michigan.....         | D. J. Campau.....       | Detroit.        | Wisconsin.....      | E. C. Wall.....         | Milwaukee.      |
| Minnesota.....        | T. D. O'Brien.....      | St. Paul.       | Wyoming.....        | Wm. H. Holliday.....    | Laramie.        |

## DEMOCRATIO STATE COMMITTEES.

| STATES.             | Chairmen.               | Post-Offices.       | Secretaries.             | Post-Offices.   |
|---------------------|-------------------------|---------------------|--------------------------|-----------------|
| Alabama.....        | Robert J. Lowe.....     | Birmingham.....     | Nathan L. Miller.....    | Birmingham.     |
| Arizona.....        | W. A. Rowe.....         | Prescott.....       | Reese M. Ling.....       | Prescott.       |
| Arkansas.....       | Carroll Armstrong.....  | Morrilton.....      | Gray Carroll.....        | Little Rock.    |
| California.....     | Seth Mann.....          | San Francisco.....  | Ben. M. Maddox.....      | Visalia.        |
| Colorado.....       | Milton Smith.....       | Denver.....         | Rod. S. King.....        | Denver.         |
| Connecticut.....    | M. B. Carey.....        | Ridgefield.....     | D. T. McNamara.....      | New Haven.      |
| Delaware.....       | John Biggs.....         | Wilmington.....     | Edward D. Hearn.....     | Georgetown.     |
| Florida.....        | W. A. Rawls.....        | Tallahassee.....    | John C. Cooper.....      | Jacksonville.   |
| Georgia.....        | F. G. du Bignon.....    | Savannah.....       | Douglas Glessner.....    | Griffin.        |
| Idaho.....          | John Hailey.....        | Boise.....          | Frank Martin.....        | Boise.          |
| Illinois.....       | W. W. Watson.....       | Mt. Vernon.....     | F. E. Eldred.....        | Chicago.        |
| Indiana.....        | Parks M. Martin.....    | Spencer.....        | A. H. Wampler.....       | Gosport.        |
| Iowa.....           | Geo. A. Huffman.....    | Des Moines.....     | E. H. Bickford.....      | Greenfield.     |
| Kansas.....         | J. M. Love.....         | Arkansas City.....  | W. H. L. Pepperell.....  | Concordia.      |
| Kentucky.....       | P. P. Johnston.....     | Lexington.....      | R. O. Cochran.....       | Normandy.       |
| Louisiana.....      | E. B. Kruttschnitt..... | New Orleans.....    | R. S. Landry.....        | New Orleans.    |
| Maine.....          | Geo. E. Hughes.....     | Bath.....           | Fred. E. Beane.....      | Hallowell.      |
| Maryland.....       | Murray Vandiver.....    | Baltimore.....      | Spencer Watkins.....     | Bethesda.       |
| Massachusetts.....  | Chris. T. Callahan..... | Holyoke.....        | Wm. S. McNary.....       | Boston.         |
| Michigan.....       | Daniel J. Campau.....   | Detroit.....        | Chas. S. Hampton.....    | Petoskey.       |
| Minnesota.....      | L. O. Rosing.....       | Cannon Falls.....   | T. R. Kare.....          | St. Paul.       |
| Mississippi.....    | C. P. Miller.....       | Meridian.....       | C. M. Thurman.....       | Jackson.        |
| Missouri.....       | S. B. Cook.....         | Mexico.....         | Virgil Conkling.....     | Carrollton.     |
| Montana.....        | Wm. M. Cockrell.....    | Great Falls.....    | David Marks.....         | Helena.         |
| Nebraska.....       | James C. Dahlman.....   | Omaha.....          | Lee Herdman.....         | Omaha.          |
| Nevada.....         | Charles Gulling.....    | Reno.....           | J. H. Dennis.....        | Reno.           |
| New Hampshire.....  | John T. Amey.....       | Lancaster.....      | Henry W. George.....     | Barnstead.      |
| New Jersey.....     | Wm. B. Courley.....     | Paterson.....       | William K. Devereux..... | Asbury Park.    |
| New Mexico.....     | Chas. F. Easley.....    | Santa Fé.....       | A. B. Rencham.....       | Santa Fé.       |
| New York.....       | Frank Campbell.....     | Bath.....           | John U. Carlisle.....    | Watertown.      |
| North Carolina..... | F. M. Simmons.....      | Raleigh.....        | John W. Thompson.....    | Raleigh.        |
| North Dakota.....   | Thomas Kleinogel.....   | Fargo.....          | E. C. Carruth.....       | Grand Forks.    |
| Ohio.....           | John H. Blacker.....    | Chillicothe.....    | James I. Gorman.....     | Ironton.        |
| Oklahoma.....       | Jasper Sipes.....       | Oklahoma City.....  | Frank Stevens.....       | Waukomis.       |
| Oregon.....         | R. S. Sheridan.....     | Roseburg.....       | W. J. D'Arcy.....        | Salem.          |
| Pennsylvania.....   | John S. Rilling.....    | Erie.....           | J. W. Moyer.....         | Pottsville.     |
| Rhode Island.....   | Franklin P. Owen.....   | Providence.....     | John E. Conley.....      | Providence.     |
| South Carolina..... | Willie Jones.....       | Columbia.....       | U. X. Gunter, Jr.....    | Columbia.       |
| South Dakota.....   | John A. Bowler.....     | Sioux Falls.....    | Daniel J. Conway.....    | Sioux Falls.    |
| Tennessee.....      | M. C. Fitzpatrick.....  | Hartsville.....     | John S. Denton.....      | Cookeville.     |
| Texas.....          | C. K. Bell.....         | Fort Worth.....     | R. E. L. Saaner.....     | Dallas.         |
| Utah.....           | James H. Moyle.....     | Salt Lake City..... | J. M. Cohen.....         | Salt Lake City. |
| Vermont.....        | John H. Senter.....     | Montpelier.....     | C. A. G. Jackson.....    | Montpelier.     |
| Virginia.....       | J. Taylor Ellyson.....  | Richmond.....       | Joseph Button.....       | Walker's Ford.  |
| Washington.....     | H. T. Jones.....        | Deep Creek.....     | Thomas Malony.....       | Spokane.        |
| West Virginia.....  | Andrew Edmiston.....    | Weston.....         | William A. Ohley.....    | Charleston.     |
| Wisconsin.....      | George W. Peck.....     | Milwaukee.....      | C. J. Noel.....          | Marinette.      |
| Wyoming.....        | John A. Martin.....     | Cheyenne.....       | James M. Fenwick.....    | Laramie.        |

## Republican National and State Committees.

### REPUBLICAN NATIONAL COMMITTEE.

Appointed by the Republican National Convention at St. Louis, Mo., June, 1896, with Revisions to Date.

|   |  |
|---|--|
| <p>Chairman..... MARK A. HANNA, Cleveland, O.<br/>         Secretary..... Charles Dick, Chicago, Ill.<br/>         Treasurer..... James G. Cannon, New York.<br/>         Alabama..... Wm. Youngblood, Montgomery.<br/>         Alaska..... S. C. Johnson, Juneau.<br/>         Arizona..... W. M. Griffith, Florence.<br/>         Arkansas..... Powell Clayton, Eureka Springs<br/>         California..... J. D. Spreckels, San Francisco.<br/>         Colorado..... J. F. Saunders, Denver.<br/>         Connecticut..... S. Fessenden, Stamford.<br/>         Delaware..... James H. Wilson, Wilmington.<br/>         Dist. Columbia..... Myron M. Parker, Washington.<br/>         Florida..... J. C. Long, St. Augustine.<br/>         Georgia..... Judson W. Lyon, Atlanta.<br/>         Idaho..... George F. Shoup, Boise.<br/>         Illinois..... T. N. Jamieson, Chicago.<br/>         Indiana..... W. T. Durbin, Anderson.<br/>         Indian Ter..... L. E. Bennett, Muscogee.<br/>         Iowa..... A. B. Cummins, Des Moines.<br/>         Kansas..... Cyrus Leland, Jr., Leavenworth.<br/>         Kentucky..... John W. Yerkes, Danville.<br/>         Louisiana..... A. T. Wimberley, New Orleans.<br/>         Maine..... J. H. Manley, Augusta.<br/>         Maryland..... G. L. Wellington, Cumberland.<br/>         Massachusetts..... Geo. L. Von Meyer, Boston.<br/>         Michigan..... George L. Maltz, Detroit.<br/>         Minnesota..... F. L. Hubbard, Red Wing.</p> | <p>Mississippi..... James Hill, Jackson.<br/>         Missouri..... R. C. Kurens, St. Louis.<br/>         Montana..... Chas. E. Leonard, Helena.<br/>         Nebraska..... J. M. Thurston, Omaha.<br/>         Nevada..... C. H. Sproule, Elko.<br/>         New Hampshire..... P. C. Cheney, Concord.<br/>         New Jersey..... G. A. Hobart, Paterson.<br/>         New Mexico..... Solomon Luna, Los Lunas.<br/>         New York..... Fred. S. Gibbs, New York.<br/>         North Carolina..... J. E. Boyd, Greensboro.<br/>         North Dakota..... W. H. Robinson, Mayville.<br/>         Ohio..... Charles L. Kurtz, Columbus.<br/>         Oklahoma..... Henry E. Asp, Guthrie.<br/>         Oregon..... George A. Steele, Portland.<br/>         Pennsylvania..... Matthew S. Quay, Beaver.<br/>         Rhode Island..... Charles R. Brayton, Providence.<br/>         South Carolina..... E. A. Webster, Orangeburg.<br/>         South Dakota..... A. B. Kittredge, Sioux Falls.<br/>         Tennessee..... W. P. Brownlow, Jonesboro.<br/>         Texas..... John Grant, Sherman.<br/>         Utah..... L. R. Rogers, Ogden.<br/>         Vermont..... Geo. F. Childs, St. Albans.<br/>         Virginia..... G. E. Bowden, Norfolk.<br/>         Washington..... P. C. Sullivan, Tacoma.<br/>         West Virginia..... N. B. Scott, Wheeling.<br/>         Wisconsin..... Henry C. Payne, Milwaukee.<br/>         Wyoming..... W. Vandevanter, Cheyenne.</p> |
|---|--|

### REPUBLICAN STATE COMMITTEES.

| STATES.             | Chairmen.                           | Post-Offices.       | Secretaries.             | Post-Offices.       |
|---------------------|-------------------------------------|---------------------|--------------------------|---------------------|
| Alabama.....        | William Vaughan.....                | Birmingham.....     | C. F. Johnson.....       | Mobile.....         |
| Arizona.....        | Charles A. Drake.....               | Tucson.....         | J. K. Corbett.....       | Tucson.....         |
| Arkansas.....       | Henry M. Cooper.....                | Little Rock.....    | W. S. Holt.....          | Little Rock.....    |
| California.....     | Frank McLaughlin.....               | San Francisco.....  | E. C. Hart.....          | San Francisco.....  |
| Colorado.....       | Richard Broad, Jr.....              | Golden.....         | Wm. R. Freeman.....      | Denver.....         |
| Connecticut.....    | O. R. Fyler.....                    | Torrington.....     | Samuel A. Eddy.....      | Canaan.....         |
| Delaware.....       | Hugh C. Browne.....                 | Wilmington.....     | Wm. H. Heald.....        | Wilmington.....     |
| Florida.....        | Henry S. Chubb.....                 | Gainesville.....    | Joseph E. Lee.....       | Jacksonville.....   |
| Georgia.....        | W. H. Johnson, <i>pro tem</i> ..... | Atlanta.....        | John H. Deveaux.....     | Savannah.....       |
| Idaho.....          | John T. Morrison.....               | Caldwell.....       | J. W. Murphy.....        | Boise.....          |
| Illinois.....       | Chas. S. Rannels.....               | Jacksonville.....   | J. R. B. Van Cleave..... | Springfield.....    |
| Indiana.....        | Chas. S. Hernly.....                | New Castle.....     | Sam'l H. Spooner.....    | Indianapolis.....   |
| Iowa.....           | H. O. Weaver.....                   | Wapello.....        | C. W. Phillips.....      | Maquoketa.....      |
| Kansas.....         | Morton Albaugh.....                 | Kingman.....        | Frank L. Brown.....      | Topeka.....         |
| Kentucky.....       | O. M. Barnett.....                  | Hartford.....       | K. J. Hampton.....       | Winchester.....     |
| Louisiana.....      | P. F. Herwig.....                   | New Orleans.....    | L. J. Joubert.....       | New Orleans.....    |
| Maine.....          | Joseph H. Manley.....               | Augusta.....        | Byron Boyd.....          | Augusta.....        |
| Maryland.....       | Thos. J. Shryock.....               | Baltimore.....      | L. A. Thompson.....      | Baltimore.....      |
| Massachusetts.....  | A. H. Goetting.....                 | Springfield.....    | L. W. Standish.....      | Boston.....         |
| Michigan.....       | Arthur F. Marsh.....                | Allegan.....        | H. A. Sherman.....       | Cassopolis.....     |
| Minnesota.....      | John H. Steele.....                 | Minneapolis.....    | C. A. Rasmussen.....     | Red Wing.....       |
| Mississippi.....    | A. M. Lea.....                      | Vicksburg.....      | C. A. Simpson.....       | Pass Christian..... |
| Missouri.....       | Thos. J. Akins.....                 | Humansville.....    | A. F. Shriener.....      | St. Louis.....      |
| Montana.....        | Joseph P. Woolman.....              | Helena.....         | Thomas B. Miller.....    | Helena.....         |
| Nebraska.....       | R. B. Schneider.....                | Fremont.....        | P. O. Hedlund.....       | Lincoln.....        |
| Nevada.....         | R. K. Colcord.....                  | Carson City.....    | E. D. Vanderlieth.....   | Carson City.....    |
| New Hampshire.....  | Jacob H. Gallinger.....             | Concord.....        | Louis G. Hoyt.....       | Kingston.....       |
| New Jersey.....     | Franklin Murphy.....                | Newark.....         | A. S. Barber, Jr.....    | Woodbury.....       |
| New Mexico.....     | E. L. Bartlett.....                 | Santa Fé.....       | Max Frost.....           | Santa Fé.....       |
| New York.....       | Benj. B. Odell, Jr.....             | Newburgh.....       | Reuben L. Fox.....       | New York City.....  |
| North Carolina..... | Albert E. Holton.....               | Winston.....        | W. S. Hyams.....         | Bakersville.....    |
| North Dakota.....   | W. H. Robinson.....                 | Mayville.....       | M. H. Jewell.....        | Bismarck.....       |
| Ohio.....           | Myron A. Norris.....                | Youngstown.....     | P. W. Durr.....          | Elmwood Place.....  |
| Oklahoma.....       | Wm. Grimes.....                     | Kingfisher.....     | H. F. Ardery.....        | Guthrie.....        |
| Oregon.....         | Geo. A. Steel.....                  | Portland.....       | Graham Glass, Jr.....    | Portland.....       |
| Pennsylvania.....   | Frank Reeder.....                   | Easton.....         | Chas. E. Voorhees.....   | Philadelphia.....   |
| Rhode Island.....   | Hunter C. White.....                | Providence.....     | W. R. Andrews.....       | Philadelphia.....   |
| South Carolina..... | R. R. Tolbert.....                  | Greenwood.....      | Eugene F. Warner.....    | Providence.....     |
| South Dakota.....   | Chas. N. Herried.....               | Eureka.....         | James H. Johnson.....    | Columbia.....       |
| Tennessee.....      | W. P. Brownlow.....                 | Jonesboro.....      | Frank Crane.....         | Watertown.....      |
| Texas.....          | E. H. R. Green.....                 | Terrell.....        | J. C. R. McCall.....     | Huntingdon.....     |
| Utah.....           | Wesley K. Walton.....               | Edgar Easton.....   | W. Edgar Easton.....     | San Antonio.....    |
| Vermont.....        | Geo. H. Babbitt.....                | Salt Lake City..... | Julia Farnsworth.....    | Salt Lake City..... |
| Virginia.....       | Park Agnew.....                     | Bellows Falls.....  | Alfred E. Watson.....    | Hartford.....       |
| Washington.....     | John H. Schively.....               | Alexandria.....     | Asa Rogers.....          | Petersburg.....     |
| West Virginia.....  | W. M. O. Dawson.....                | Seattle.....        | J. W. Lysons.....        | Seattle.....        |
| Wisconsin.....      | Joseph B. Treat.....                | Charleston.....     | A. B. White.....         | Parkersburg.....    |
| Wyoming.....        | J. A. Van Orsdel.....               | Monroe.....         | G. P. Stickney.....      | Milwaukee.....      |
|                     |                                     | Cheyenne.....       | Fred. Bond.....          | Cheyenne.....       |



**People's Party National Committee.**

Appointed by the National Convention at St. Louis, June 22, 1896.

|                        |                               |                  |                          |
|------------------------|-------------------------------|------------------|--------------------------|
| <i>Chairman</i> .....  | MARION BUTLER, Raleigh, N. C. |                  |                          |
| <i>Secretary</i> ..... | J. A. EDGERTON, Lincoln, Neb. |                  |                          |
| Ala.....               | R. F. Kolb.....               | Birmingham       | R. H. Seymour.....       |
| Ark.....               | W. O. O'Neill.....            | Prescott.....    | Dr. A. H. Noon.....      |
| Cal.....               | J. R. Sovereign.....          | Sulphur Spgs     | A. W. Files.....         |
| Col.....               | John S. Dore.....             | Fresno.....      | E. M. Hamilton.....      |
| Conn.....              | John C. Bell.....             | Montrose.....    | H. S. Tompkins.....      |
| Del.....               | W. W. Wheeler.....            | Meriden.....     | Dr. J. Perkins.....      |
| D. of C.....           | Benj. L. Kent.....            | Washington       | C. Beadenkopf.....       |
| Fla.....               | S. S. Harvey.....             | Quintette.....   | Rev. H. Lytle.....       |
| Ga.....                | J. L. Sibley.....             | Marietta.....    | H. W. Roed.....          |
| Idaho.....             | J. H. Anderson.....           | Weiser.....      | A. J. Cook.....          |
| Illinois.....          | H. E. Taubeneck.....          | Marshall.....    | J. D. Hess.....          |
| Ind.....               | Joshua Strange.....           | Arcana.....      | D. H. Fernandez.....     |
| Iowa.....              | W. H. Watkins.....            | Arton.....       | G. W. Payne.....         |
| Kans.....              | J. W. H. Robb.....            | Creston.....     | S. B. Crane.....         |
| Ky.....                | A. H. Cardin.....             | Marion.....      | John M. Allen.....       |
| La.....                | A. A. Gunby.....              | Monroe.....      | J. T. Howell.....        |
| Maine.....             | L. C. Bateman.....            | Auburn.....      | L. W. Smith.....         |
| Md.....                | C. C. Kemp.....               | Baltimore.....   | Hiram Vrooman.....       |
| Mass.....              | G. F. Washburn.....           | Boston.....      | E. Gerry Brown.....      |
| Mich.....              | John O. Zabel.....            | Petersburg.....  | Ed. E. McBride.....      |
| Minn.....              | W. R. Dohbyn.....             | Minneapolis..... | T. J. Meighen.....       |
| Miss.....              | R. K. Pruitt.....             | Ackerman.....    | Frank Burkitt.....       |
| Mo.....                | P. J. Dixon.....              | Chillicothe..... | J. H. Hillis.....        |
| Mont.....              | A. E. Spriggs.....            | Townsend.....    | M. L. Stewart.....       |
| Neb.....               | Wm. V. Allen.....             | Madison.....     | J. H. Edmisten.....      |
| Nev.....               | J. B. McCullough.....         | Reno.....        | C. E. Allen.....         |
| N. H.....              | D. B. Currier.....            | Hanover.....     | G. J. Greenleaf.....     |
| N. J.....              | J. R. Buchanan.....           | Newark.....      | John Wilcox.....         |
| N. M.....              | M. P. Stamm.....              | Albuquerque..... | T. B. Mills.....         |
| N. Y.....              | C. R. White.....              | Miller Crns..... | Lafe Pence.....          |
| N. C.....              | Marion Butler.....            | Raleigh.....     | Z. T. Garrett.....       |
| N. Dak.....            | Walter Muir.....              | Hunton.....      | Dr. W. A. Bentley.....   |
| Ohio.....              | Hugh Preyor.....              | Cleveland.....   | D. D. Chidester.....     |
| Okl.....               | J. S. Soule.....              | Guthrie.....     | R. E. Bray.....          |
| Oregon.....            | J. W. Marksby.....            | Gold Hill.....   | John C. Luce.....        |
| Penna.....             | Jerome B. Aiken.....          | Washington.....  | W. M. Deisher.....       |
| S. Dak.....            | A. J. Plowman.....            | Deadwood.....    | H. S. Volkmar.....       |
| Tenn.....              | J. H. McDowell.....           | Union City.....  | J. P. Buchanan.....      |
| Texas.....             | C. S. Granberry.....          | Austin.....      | H. L. Bentley.....       |
| Utah.....              | James Hogan.....              | Ogden.....       | Mrs. K. S. Hilliard..... |
| Va.....                | G. W. B. Hale.....            | Rocky Mount..... | J. H. Hobson.....        |
| Vt.....                | A. J. Beebe.....              | Swanton.....     | A. T. Way.....           |
| Wash.....              | E. W. Way.....                | Seattle.....     | A. P. Tugwell.....       |
| W. Va.....             | N. W. Fitzgerald.....         | Terra Alta.....  | W. R. Neale.....         |
| Wis.....               | Robt. Schilling.....          | Milwaukee.....   | C. M. Butt.....          |
| Wyo.....               | L. C. Tidball.....            | Sheridan.....    | Earl Hoffer.....         |
|                        |                               |                  | Sundance.....            |
|                        |                               |                  | Peter Esperson.....      |
|                        |                               |                  | Cheyenne.....            |

**People's Party National Committee.**

(NON-FUSION.)

Appointed by the National Convention at Cincinnati, O., September 6, 1898.

|                        |                           |                  |                         |
|------------------------|---------------------------|------------------|-------------------------|
| <i>Chairman</i> .....  | MILTON PARK, Dallas, Tex. |                  |                         |
| <i>Secretary</i> ..... | W. S. MORGAN, Hardy, Ark. |                  |                         |
| Fla.....               | F. H. Lytle.....          | Stanton.....     | A. P. Baskin.....       |
| Ga.....                | C. E. McGregor.....       | Warrenton.....   | W. Phillips.....        |
| Ill.....               | F. R. Cole.....           | Chicago.....     | J. D. Hess.....         |
| Ind.....               | J. C. Smith.....          | Monticello.....  | D. Linton.....          |
| Minn.....              | E. A. Twitchell.....      | Minneapolis..... | J. B. Dukes.....        |
| Miss.....              | F. Burkitt.....           | Oklona.....      | R. K. Pruitt.....       |
| Mo.....                | Paul J. Dixon.....        | Chillicothe..... | J. H. Hillis.....       |
| N. J.....              | E. A. Wallace.....        | So. Orange.....  | T. B. Richmond.....     |
| Ohio.....              | John Seitz.....           | Tiffin.....      | R. McCammon.....        |
|                        |                           |                  | Sulphur Spgs.....       |
|                        |                           |                  | J. M. H. Frederick..... |
|                        |                           |                  | Akron.....              |

**Socialist Labor Party.**

National Corresponding and Financial Secretary—Henry Kuhn, 61 Beekman Street, New York City. Recording Secretary—John J. Kinnally. Treasurer—Alvan S. Brown. National Executive Committee—The preceding and Lucien Sanial, Arthur Keep, Peter Fiebigler, Patrick Murphy, and Joseph H. Sauter.

The party is organized in local organizations known as "sections," such sections existing in thirty-two States and two Territories. Any ten persons in any city or town of the United States may form a section, providing they acknowledge the platform and constitution of the Socialist Labor Party and do not belong to any other political party. In places where no section exists, or where none can be formed, any person complying with the aforesaid provisions may become a member-at-large upon application to the National Executive Committee. Sections are not permitted to charge initiation fees. All questions of importance arising within the party are decided by general vote. At each meeting of the section a chairman is elected, and the same rule holds good with all standing committees.

## National Democratic National Committee.

Appointed by the National Convention at Indianapolis, Ind., September 2, 1896.

Chairman.....GEORGE FOSTER PEABODY, 27 Pine Street, New York.  
Secretary.....JOHN P. FRENZEL, Indianapolis, Ind.

## Prohibition National Committee.

Chairman.....SAMUEL DICKIE, Albion, Mich.  
Vice-Chairman.....JAMES H. TATE, Dyer, Tenn.  
Secretary.....W. T. WARDWELL, 26 Broadway, New York.

|                     |                        |                  |                     |                      |                 |
|---------------------|------------------------|------------------|---------------------|----------------------|-----------------|
| Alabama.....        | J. C. Orr.....         | Hartzell.        | Mississippi.....    | Henry Ware.....      | Pass Christian. |
| Arkansas.....       | Geo. C. Christian..... | Eureka Springs.  | Missouri.....       | R. T. Bond.....      | Fayette.        |
| California.....     | J. A. B. Wilson.....   | San Francisco.   |                     | C. E. Stokes.....    | Mexico.         |
|                     | J. W. Webb.....        | Fresno.          | Montana.....        | E. M. Gardner.....   | Bozeman.        |
| Colorado.....       | John Hipp.....         | Denver.          | NewHampshire.....   | H. O. Jackson.....   | Littleton.      |
| Connecticut.....    | F. C. Bradley.....     | North Haven.     |                     | Isaac B. Vale.....   | Manchester.     |
|                     | J. N. Stanley.....     | Highland Park.   | New Jersey.....     | W. H. Nicholson..... | Haddonfield.    |
| Dist. Columbia..... | H. B. Moulton.....     | Washington.      |                     | R. J. S. White.....  | Montclair.      |
|                     | J. R. Maloney.....     | Washington.      | New York.....       | Wm. T. Wardwell..... | New York City.  |
| Delaware.....       | J. R. Jewell.....      | Smurra.          |                     | F. E. Baldwin.....   | Elmira.         |
|                     | Aloysius Green.....    | Whitesville.     | North Carolina..... | T. P. Johnson.....   | Salisbury.      |
| Florida.....        | W. F. Alexander.....   | Waldo.           |                     | N. W. Newby.....     | Farmers.        |
|                     | J. R. Finch.....       | Palatka.         | North Dakota.....   | H. M. Kiff.....      | Tower City.     |
| Georgia.....        | Frank J. Sibley.....   | Atlanta.         |                     | H. H. Mott.....      | Grafton.        |
|                     | A. A. De Loach.....    | Atlanta.         | Pennsylvania.....   | A. A. Stevens.....   | Trayton.        |
| Illinois.....       | O. W. Stewart.....     | Chicago.         |                     | H. D. Patton.....    | Lancaster.      |
|                     | C. M. Whipple.....     | Rockford.        | Rhode Island.....   | H. B. Metcalf.....   | Pawtucket.      |
| Indiana.....        | F. T. McWhirter.....   | Indianapolis.    |                     | Smith Quimby.....    | Providence.     |
|                     | Miss Mary Hadley.....  | Bloomingtondale. | South Dakota.....   | J. A. Lucas.....     | Sioux Falls.    |
| Iowa.....           | Malcolm Smith.....     | Cedar Rapids.    |                     | J. F. Hanson.....    | Mt. Vernon.     |
|                     | W. L. Ferris.....      | Cherokee.        | Tennessee.....      | J. A. Tate.....      | Dyer.           |
| Kentucky.....       | Geo. W. Bain.....      | Lexington.       |                     | E. S. Cheves.....    | Unicoi.         |
|                     | J. H. Moore.....       | Covington.       | Texas.....          | J. B. Cranfill.....  | Waco.           |
| Maine.....          | Volney B. Cushing..... | Bangor.          |                     | E. C. Heath.....     | Rockwall.       |
|                     | N. F. Woodbury.....    | Auburn.          | Vermont.....        | C. W. Wyman.....     | Brattleboro.    |
| Maryland.....       | Edwin Higgins.....     | Baltimore.       |                     | H. C. Barnes.....    | Swanton.        |
|                     | Levin S. Melson.....   | Bishopville.     | Virginia.....       | J. W. Bodley.....    | Staunton.       |
| Massachusetts.....  | Frank M. Forbush.....  | Boston.          | Washington.....     | C. Davis.....        | Seattle.        |
|                     | A. W. Richardson.....  | Springfield.     | West Virginia.....  | T. R. Carskadon..... | Keyser.         |
| Michigan.....       | Chas. P. Russell.....  | Detroit.         |                     | Frank Burt.....      | Mannington.     |
|                     | Fred. E. Britten.....  | Detroit.         | Wisconsin.....      | S. D. Hastings.....  | Green Bay.      |
| Minnesota.....      | B. B. Haugan.....      | Fergus Falls.    |                     | O. B. Olsen.....     | Eau Claire.     |
|                     | W. J. Dean.....        | Minneapolis.     |                     |                      |                 |

## Silver Republican National Committee.

|                    |                       |               |                    |                       |                 |
|--------------------|-----------------------|---------------|--------------------|-----------------------|-----------------|
| Alabama.....       | Cutler Smith.....     | Mobile.       | Missouri.....      | J. D. Clarkson.....   | Carthage.       |
| Arkansas.....      | Thomas Boles.....     | Ft. Smith.    | Montana.....       | C. S. Hartman.....    | Bozeman.        |
| California.....    | Nathan Cole, Jr.....  | Los Angeles.  | Nebraska.....      | D. D. Gregory.....    | Omaha.          |
| Colorado.....      | A. M. Stevenson.....  | Denver.       | New Jersey.....    | James H. Fleming..... | Newark.         |
| Connecticut.....   | Joseph Sheldon.....   | New Haven.    | New York.....      | B. S. Dean.....       | Jamestown.      |
| Delaware.....      | C. G. Prettyman.....  | Milford.      | North Dakota.....  | H. M. Creel.....      | Devil's Lake.   |
| Idaho.....         | F. T. Dubois.....     | Blackfoot.    | Ohio.....          | J. J. Harper.....     | Wash'ton C. H.  |
| Illinois.....      | J. N. Teller.....     | Chicago.      | Oklahoma.....      | F. S. Peck.....       | Edmond.         |
| Indiana.....       | F. J. Van Vorhis..... | Indianapolis. | Oregon.....        | C. W. Talmadge.....   | McMinnville.    |
| Iowa.....          | William Connor.....   | Des Moines.   | South Dakota.....  | B. H. Lien.....       | Sioux Falls.    |
| Kansas.....        | F. B. Lawrence.....   | Eldorado.     | Utah.....          | W. C. Jones.....      | Salt Lake City. |
| Kentucky.....      | A. J. Mossett.....    | Newport.      | Washington.....    | G. W. Thompson.....   | Tacoma.         |
| Louisiana.....     | S. L. Carey.....      | Jennings.     | West Virginia..... | J. B. Minenger.....   | Point Pleasant. |
| Massachusetts..... | Norman Cameron.....   | Boston.       | Wisconsin.....     | D. F. Powell.....     | La Crosse.      |
| Michigan.....      | C. E. Watkins.....    | Grand Rapids. | Wyoming.....       | A. A. Jackson.....    | Laramie.        |
| Minnesota.....     | F. A. Day.....        | Fairmont.     |                    |                       |                 |

## National Republican League of the United States.

THE National Republican League of the United States was organized in Chickering Hall, New York City, December 15-17, 1887, by delegates from about 350 Republican clubs of the United States, assembled in national convention, pursuant to a call issued by the Republican Club of New York City. It is composed of the Republican clubs of the United States, organized by States and united in a national organization. Its purpose is "Organization and Education." It aims to enlist recruits for the Republican party, particularly the younger men and the "first voters." National conventions have since been held at Baltimore, Md., February 28, 1889; Nashville, Tenn., March 4, 1890; Cincinnati, O., April 23, 1891; Buffalo, N. Y., September 16, 1892; Louisville, Ky., May 10, 1893; Denver, Col., June 26, 1894; Cleveland, O., June 19, 1895; Milwaukee, Wis., August 25, 1896; Detroit, Mich., July 13, 1897, and Omaha, Neb., July 13, 1898. *Officers—President*, George Stone, San Francisco, Cal.; *Treasurer*, Mahlon D. Young, Philadelphia; *Secretary*, D. H. Stine, Newport, Ky. *Headquarters*, Auditorium Hotel, Chicago.

## Liberty Party National Central Committee.

Chairman ..... L. B. LOGAN, Alliance, O.  
 Vice-Chairman ..... JOHN P. ST. JOHN, Olathe, Kan.  
 Secretary ..... D. J. THOMAS, Alliance, O.

## National Association of Democratic Clubs.

President—Chauncey F. Black, Pennsylvania. Treasurer—William A. Clarke, Butte, Mont.  
 Secretary—(Vacant). Executive Committee—Benton McMillin, Tennessee; George H. Lambert, New  
 Jersey; E. Chambers Smith, North Carolina; C. C. Richards, Utah; John R. McLean, Ohio; E. B.  
 Howell, Georgia; H. D. Money, Mississippi; James C. Dahlman, Nebraska; Stephen M. White, Cali-  
 fornia; Edward Murphy, Jr., New York; Lloyd L. Jackson, Maryland; John L. Mitchell, Wisconsin;  
 Charles J. Faulkner, West Virginia; William J. Stone, Missouri; George Fred. Williams, Massa-  
 chusetts; J. L. Slayden, Texas; J. C. Sibley, Pennsylvania. Headquarters, Hutchins Building, Tenth  
 and D Streets, N. W., Washington, D. C.

## National Farmers' Alliance

President—Elwood Furnas, Nevada, Iowa. Secretary and Treasurer—August Post, Moulton,  
 Iowa.  
 Vice-President—Hon. A. L. Stuntz, State Centre, Iowa. Lecturer—George E. Lawrence, Marion, Ohio.

The following is the platform of the National Farmers' Alliance:

That the National Farmers' Alliance will adhere to the principles set forth in our declaration of purposes, and maintain the order as the opponent of unjust trusts and combines, and favor the education of our membership in political sentiment, in harmony with our principles, controlling no political party and being controlled by none, but each individual may use his own judgment in the exercise of his right of franchise and in his choice of methods by which our demands may be secured.

That we favor the enactment into law of an effective anti-option bill prohibiting gambling in farm products.

That we favor such strict legislation, both State and National, as will prohibit the adulteration of all food products.

The National Farmers' Alliance and Industrial Union, a statement in reference to which appears below, is a separate organization covering all of the Southern, most of the Western, and some of the Eastern States. At its annual meeting in 1890, at Ocala, Fla., it adopted what is known as the Ocala platform. (See THE WORLD ALMANAC for 1891, page 93.)

## National Farmers' Alliance and Industrial Union.

President—J. C. Wilborn, Old Point, S. C. Executive Committee—John Breinig, Junction,  
 W. Va.; D. P. Duncan, Columbia, S. C.; C. W. Gravit, Mandana, N. Y.; W. A. Gardner, Andrews' Settlement, Pa.  
 Vice-President—Jacob J. Miller, Waynesboro, Pa.  
 Secretary-Treasurer—A. B. Welch, Victor, N. Y.  
 Lecturers—J. P. Sossman, Charlotte, N. C.; J. C. Hanley, St. Paul, Minn.

The platform of the Union, besides calling for the government control of railroads, telegraphs, and telephones, and the election of United States Senators by the people, makes the following demands:

We demand a National currency, safe, sound, and flexible; issued by the General Government only; a full legal tender for all debts and receivable for all dues, and an equitable and efficient means of distribution of banking corporations, and in sufficient volume to transact the business of the country on a cash basis. (a) We demand the free and unlimited coinage of silver and gold at the legal ratio of 16 to 1. (b) We demand a graduated income tax. (c) That our National legislation shall be so framed in the future as not to build up one industry at the expense of another. (d) We believe that the money of the country should be kept as much as possible in the hands of the people, and hence we demand that all National and State revenues shall be limited to the necessary expenses of the Government economically and honestly administered. (e) We demand that postal savings banks be established by the Government for the safe deposits of the savings of the people, and to facilitate exchange. (f) We are unalterably opposed to the issue by the United States of interest-bearing bonds, and demand the payment of all coin obligations of the United States, as provided by existing laws, in either gold or silver coin, at the option of the Government and not at the option of the creditor.

We demand that no land shall be held by corporations for speculative purposes or by railroads in excess of their needs as carriers, and all lands now owned by aliens should be reclaimed by the Government and held for actual settlers only. We demand free mail delivery in the rural districts. We demand that the inhabitants of all the territory coming to the United States as the result of the war with Spain be as speedily as possible permitted to organize a free government of their own, based on the consent of the governed.

## National Grange, Patrons of Husbandry.

Master—Aaron Jones, South Bend, Ind. Overseer—O. H. Hale, North Stockholm, N. Y. Lecturer—Alpha Messer, Rochester, Vt. Steward—John T. Cox, Redington, N. J. Assistant Steward—J. A. Newcomb, Golden, Col. Chaplain—S. O. Bowen, Eastford, Ct. Treasurer—Mrs. Eva S. McDowell, Columbus, O. Secretary—John Trimble, Washington, D. C. Gatekeeper—A. B. Judson, Silver City, Iowa. Ceres—Mrs. Lena M. Messick, Bridgeville, Del. Pomona—Mrs. Sarah G. Baird, Edina Mills, Minn. Flora—Mrs. E. L. A. Wiggin, Maysville Centre, Me. L. A. S.—Mrs. Amanda M. Horton, Fruit Ridge, Mich. Secretary's Address—John Trimble, 514 F Street, Washington, D. C.

The following reforms are officially favored by the National Grange, representing the farmers of the United States: 1. Postal savings banks. 2. Enactment of pure food laws. 3. Rural free-mail delivery. 4. Additional powers to the Interstate Commerce Commission. 5. Speedy construction of the Nicaragua Canal by the United States. 6. To prevent the pooling of railroads. 7. Impartial investigation of foreign trade relations. 8. Election of United States Senators by popular vote. 9. Settlement of international differences by arbitration.

The National Grange has established 27,689 subordinate granges in 44 States and Territories.

## General Labor Organizations.

**American Federation of Labor.**—President, Samuel Gompers, 423 G Street, N. W., Washington, D. C.; Secretary, Frank Morrison, same address; Treasurer, John B. Lennon, Bloomington, Ill.; First Vice-President, P. J. Maguire, Philadelphia, Pa.; Second Vice-President, James Duncan, Boston, Mass.; Third Vice-President, James O'Connell, Washington, D. C.; Fourth Vice-President, John Mitchell, Indianapolis; Fifth Vice-President, Max Morris, Denver, Col.; Sixth Vice-President, Thomas I. Kidd, Chicago, Ill. The Federation is composed of 71 affiliated national unions, 11 State branches, 110 city central unions, and 674 local unions. The aggregate membership is 700,000. The affiliated unions publish about 235 weekly or monthly papers, devoted to the cause of labor. The official organ is the *American Federationist*, edited by Samuel Gompers. About 400 organizers of local unions are acting under the orders of the Federation. The objects and aims of the American Federation of Labor are officially stated to be to render employment and the means of subsistence less precarious by securing to the workers an equitable share of the fruits of their labor.

As means to this end, it proposes: First—A free federation of all trade and labor unions in America. Second—The establishment of self-governing unions of wage-workers in every trade and legitimate occupation, without exception, where none now exists. Third—The formation of public opinion by the agencies of platform, press, and legislation. Fourth—The furtherance of civilization and industrial progress by securing to the workers a reduction in the hours of labor.

**Knights of Labor.**—General Master Workman, John W. Parsons, New York City, General Worthy Foreman, I. D. Chamberlain, Pueblo, Col.; General Secretary-Treasurer, John W. Hayes, 43 B Street, N. W., Washington, D. C.; Executive Board—Andrew D. Best, New York; Henry Bostock, Pendleton, Ind.; J. S. Fitzpatrick, Montreal, Canada. This organization claims a membership of 200,000. General Assembly organized at Reading, Pa., in 1878.

**Socialist Trade and Labor Alliance.**—Was organized in New York in December, 1895, by trades unions seceding from the Knights of Labor and the American Federation of Labor. Its numerical strength is 25,000. Its purpose is stated by its promoters to be: To supplant what is known in the labor movement as pure and simple trades unionism. The former scatters its forces by dividing them among the 'capitalistic' political parties. The Alliance unites the economic with the political struggle, and is backed by the Socialist Labor party. The General Secretary is William L. Brower, 23 Duane Street, New York City.

For "Statistics of Labor Strikes" see THE WORLD ALMANAC for 1898, page 94.

## Labor Legislation.

### ANTI-BOYCOTTING AND ANTI-BLACKLISTING LAWS.

The States having laws prohibiting *boycotting* in terms are Colorado, Illinois, and Wisconsin.

The States having laws prohibiting *blacklisting* in terms are Alabama, Colorado, Connecticut, Florida, Georgia, Illinois, Indiana, Iowa, Kansas, Minnesota, Missouri, Montana, Nevada, North Dakota, Oklahoma, Utah, Virginia, and Wisconsin.

The following States have laws which may be fairly construed as prohibiting *boycotting*: Alabama, Connecticut, Florida, Georgia, Maine, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, New Hampshire, New York, North Dakota, Oklahoma, Oregon, South Dakota, Texas, Utah, Vermont, and Wisconsin.

The following States have laws which may be fairly construed as prohibiting *blacklisting*: Georgia, Michigan, New Hampshire, New York, Oklahoma, Oregon, Rhode Island, and South Dakota.

In the following States it is unlawful for any employer to exact an agreement, either written or verbal, from an employe not to join or become a member of any labor organization, as a condition of employment: California, Colorado, Idaho, Indiana, Massachusetts, Minnesota, Missouri, New Jersey, New York, Ohio, and Pennsylvania.

THE WORLD ALMANAC is indebted to Commissioner Wright, of the U. S. Department of Labor, for the summary of eight hours, anti-boycotting, and anti-blacklisting laws, and the table on the next page, revised to date.

### EIGHT-HOUR LAWS.

**California.**—Eight hours of labor constitute a day's work, unless it is otherwise expressly stipulated by the parties to a contract. The time of service of all laborers, workmen, and mechanics employed upon any public works of, or work done for, the State, or for any political sub-division thereof, whether the work is to be done by contract or otherwise, is limited and restricted to eight hours in any one calendar day, and a stipulation that no workman, laborer, or mechanic in the employ of the contractor or sub-contractor shall be required or permitted to work more than eight hours in any one calendar day, except in cases of extraordinary emergency, shall be contained in every contract to which the State or any political sub-division thereof is a party. In the case of drivers, conductors, and gripmen of street-cars for the carriage of passengers, a day's work consists of twelve hours. Employment of minor children for more than eight hours per day is absolutely prohibited, except in vincticultural or horticultural pursuits, or in domestic or household occupations.

**Colorado.**—Eight hours constitute a day's work for all workmen employed by the State, or any county, township, school district, municipality, or incorporated town.

**Connecticut.**—Eight hours of labor constitute a lawful day's work unless otherwise agreed.

**District of Columbia.**—Eight hours constitute a day's work for all laborers or mechanics employed by or on behalf of the District of Columbia.

**Idaho.**—Eight hours' actual work constitute a lawful day's work on all State and municipal works.

**Illinois.**—Eight hours are a legal day's work in all mechanical employments, except on farms, and when otherwise agreed; does not apply to service by the day, week, or month, or prevent contracts for longer hours.

**Indiana.**—Eight hours of labor constitute a legal day's work for all classes of mechanics, workmen, and laborers, excepting those engaged in agricultural and domestic labor. Overwork by agreement and for extra compensation is permitted. The employment of persons under fourteen years of age for more than eight hours per day is absolutely prohibited.

**Kansas.**—Eight hours constitute a day's work for all laborers, mechanics, or other persons employed by or on behalf of the State or any county, city, township, or other municipality.

**Massachusetts.**—Eight hours shall constitute a day's work for all laborers, workmen, and mechanics employed by or on behalf of any city or town in the Commonwealth.

**Missouri.**—Eight hours constitute a legal day's work. The law does not prevent an agreement

LABOR LEGISLATION—Continued.

to work for a longer or a shorter time and does not apply to laborers and farm hands in the service of farmers or others engaged in agriculture.

**Montana.**—Eight hours constitute a legal day's work for persons engaged to operate or handle any first-motion or direct-acting hoisting engine, or any geared or indirect-acting hoisting engine at any mine employing fifteen or more men underground when the duties of fireman are performed by the person so engaged; also for any stationary engineer operating a stationary engine developing fifty or more horse-power when such engineer has charge or control of a boiler or boilers in addition to his other duties. The law applies only to such steam plants as are in continuous operation or are operated twenty or more hours in each twenty-four hours, and does not apply to persons running any engine more than eight hours in each twenty-four for the purpose of relieving another employe in case of sickness or other unforeseen cause.

**Nebraska.**—Eight hours constitute a legal day's work for all classes of mechanics, servants, and laborers, except those engaged in farm or domestic labor.

**New Jersey.**—Eight hours constitute a day's labor on any day whereon any general or municipal election shall be held.

**New York.**—Eight hours constitute a day's work for mechanics, workmen, and laborers, except in farm or domestic labor. Overwork for extra pay is permitted, except upon work by or for the State or a municipal corporation, or by contractors or sub-contractors therewith. The law applies to those employed by the State or municipality, or by persons contracting for State work, and each contract to which the State or a municipal corporation is a party shall contain a stipulation that no workman, laborer, or mechanic in the employ of the contractor, sub-contractor, etc., shall be permitted or required to work more than eight hours in any one calendar day, except in cases of extraordinary emergency.

**Ohio.**—Eight hours shall constitute a day's work in all engagements to labor in any mechanical, manufacturing, or mining business, unless otherwise expressly stipulated in the contract. But in case of conductors, engineers, firemen, or trainmen of railroads, a day's work consists of ten hours.

**Pennsylvania.**—Eight hours of labor shall be deemed and held to be a legal day's work in all cases of labor and service by the day where there is no agreement or contract to the contrary. This does not apply to farm or agricultural labor by the year, month, or week, to labor in factories, laundries, and renovating establishments, or to labor on street railways.

Eight hours out of the twenty-four shall make and constitute a day's labor in penitentiaries and reformatory institutions receiving support from the State, also for all mechanics, workmen, and laborers in the employ of the State, or of any municipal corporation therein, or otherwise engaged on public works; this shall be deemed to apply to mechanics, workmen, or laborers in the employ of persons contracting with the State or any municipal corporation therein, for the performance of public work.

**Utah.**—Eight hours constitute a day's work upon all public works and in all underground mines or workings, smelters, and all other institutions for the reduction or refining of ores.

**Wisconsin.**—In all engagements to labor in any manufacturing or mechanical business, where there is no express contract to the contrary, a day's work shall consist of eight hours; but the law does not apply to contracts for labor by the week, month, or year. In all manufactories, workshops, or other places used for mechanical or manufacturing purposes, the time of labor of children under the age of eighteen, and of women employed therein, shall not exceed eight hours in the day.

**Wyoming.**—Eight hours' actual work constitute a legal day's work in all mines and public works.

**United States.**—Eight hours shall constitute a day's work for all laborers, workmen, and mechanics who may be employed by or on behalf of the United States.

LIST OF BUREAUS OF LABOR AND LABOR STATISTICS IN THE UNITED STATES

| TITLE OF BUREAU.                         | Where Located.          | Organized. | Chief Officer.         | Title.       |
|--|-------------------------|------------|------------------------|--------------|
| United States Department of Labor.....   | Washington, D. C.....   | 1884       | Carroll D. Wright..... | Commissioner |
| Bureau of Statistics of Labor.....       | Boston, Mass.....       | 1869       | Horace G. Wadlin.....  | Chief.       |
| Bureau of Industrial Statistics.....     | Harrisburg, Pa.....     | 1872       | James M. Clark.....    | Chief.       |
| Bureau of Labor Statistics.....          | Hartford, Ct.....       | 1873       | Harry E. Back.....     | Commissioner |
| Bureau of Agriculture, Lab. & Statistics | Frankfort, Ky.....      | 1876       | Lucas Moore.....       | Commissioner |
| Bureau of Labor Statistics.....          | Columbus, Ohio.....     | 1877       | John P. Jones.....     | Commissioner |
| Bureau of Statistics of Labor & Indust's | Trenton, N. J.....      | 1878       | William Stainsby.....  | Chief.       |
| Bureau of Labor Statistics & Inspection  | Jefferson City, Mo..... | 1879       | Thomas P. Rixey.....   | Commissioner |
| Bureau of Labor Statistics.....          | Springfield, Ill.....   | 1879       | David Ross.....        | Secretary.   |
| Bureau of Statistics.....                | Indianapolis, Ind.....  | 1879       | John B. Conner.....    | Chief.       |
| Bureau of Labor Statistics.....          | Albany, N. Y.....       | 1883       | John McMackin.....     | Commissioner |
| Bureau of Labor Statistics.....          | San Francisco, Cal..... | 1883       | F. V. Meyers.....      | Commissioner |
| Bureau of Labor & Industrial Statistics  | Lansing, Mich.....      | 1883       | Joseph L. Cox.....     | Commissioner |
| Bureau of Labor, Census, and Industrial  | Madison, Wis.....       | 1883       | Halford Erickson.....  | Commissioner |
| Statistics.....                          | Des Moines, Ia.....     | 1884       | W. E. O'Bleness.....   | Commissioner |
| Bureau of Labor Statistics.....          | Baltimore, Md.....      | 1884       | J. D. Wade.....        | Chief.       |
| Bureau of Industrial Statistics.....     | Topeka, Kan.....        | 1885       | W. L. A. Johnson.....  | Commissioner |
| Bureau of Labor & Industrial Statistics  | Providence, R. I.....   | 1887       | Henry E. Tiepke.....   | Commissioner |
| Bureau of Industrial Statistics.....     | Lincoln, Neb.....       | 1887       | S. J. Kent.....        | Deputy Com.  |
| Bureau of Labor Statistics.....          | Raleigh, N. C.....      | 1887       | B. R. Lacy.....        | Commissioner |
| Bureau of Industrial & Labor Statistics  | Augusta, Me.....        | 1887       | Samuel W. Matthews     | Commissioner |
| Bureau of Labor.....                     | St. Paul, Minn.....     | 1887       | Martin F. McHale.....  | Commissioner |
| Bureau of Labor Statistics.....          | Denver, Col.....        | 1887       | Peter Jennings.....    | Deputy Com.  |
| Bureau of Labor.....                     | Wheeling, W. Va.....    | 1889       | I. V. Barton.....      | Commissioner |
| Department of Agriculture and Labor.     | Bismarck, N. D.....     | 1889       | H. U. Thomas.....      | Commissioner |
| Bureau of Labor Statistics and Mines.    | Nashville, Tenn.....    | 1891       | R. A. Shiflett.....    | Commissioner |
| Bureau of Agriculture, Lab. & Industry   | Helena, Mont.....       | 1893       | J. H. Childerhead..... | Commissioner |
| Bureau of Labor.....                     | Concord, N. H.....      | 1893       | L. H. Carroll.....     | Commissioner |
| Bureau of Statistics, Labor, Agricul-    | Olympia, Wash.....      | 1897       | W. P. C. Adams.....    | Deputy Com.  |
| ture, and Immigration.....               | Richmond, Va.....       | 1898       | A. P. Montague.....    | Commissioner |
| Bureau of Labor & Industrial Statistics  |                         |            |                        |              |

The Idaho State Constitution authorizes a Bureau of Immigration, Labor, and Statistics, but the Legislature has never made appropriations for its support or enacted laws therefor.

**Qualifications for Voting in Each State of the Union.**

(Communicated to THE WORLD ALMANAC and corrected to date by the Attorneys-General of the respective States.)  
 In all the States except Colorado, Idaho, Utah, and Wyoming the right to vote at general elections is restricted to males of 21 years of age and upward. Women are entitled to vote at school elections in several States. They are entitled by law to full suffrage in the States of Colorado, Idaho, Utah, and Wyoming. (See article entitled "Woman Suffrage.")

| STATES.        | Requirements as to Citizenship.   | PREVIOUS RESIDENCE REQUIRED. |            |          |              | Persons Excluded from Suffrage.   |
|----------------|---|------------------------------|------------|----------|--------------|---|
|                |   | In State.                    | In County. | In Town. | In Precinct. |   |
| Alabama*       | Citizen of United States or alien who has declared intention.   | 1 yr...                      | 3 mo.      | 30dys    | 30 dys       | Convicted of treason or other felonies, idiots, or insane.  |
| Arizona†*      | Citizen of United States or alien who has declared intention (a)  | 6 mo.                        | 10dys      | 10dys    | 10 dys       | Idiot, insane, felon.   |
| Arkansas*      | Citizen of United States or alien who has declared intention.   | 1 yr...                      | 6 mo.      | 30dys    | 30 dys       | Idiots, insane, convicted of felony, failure to pay poll-tax, U. S. soldiers on duty in State.                      |
| California*    | Citizen by nativity, naturalization (90 days prior to election), or treaty of Queretaro.                          | 1 yr...                      | 90dys      | .....    | 30 dys       | Chinese, idiots, insane, embezzlers of public moneys, convicted of infamous crime. †                                |
| Colorado*      | Citizen or alien, male or female, who has declared intention four months prior to election.                       | 6 mo.                        | 90dys      | .....    | 10 dys       | Convicted of crime, bribery in public office, under guardianship, <i>non compos mentis</i> , insane.                |
| Conn. * .....  | Citizen of United States who can read English language.   | 1 yr...                      | .....      | 6 mo.    | .....        | Convicted of heinous crime, unless pardoned.  |
| Delaware*      | Citizen who shall have paid a registration fee of \$1, and who is duly registered as a qualified voter.           | 1 yr...                      | 3 mo.      | .....    | 30 dys       | Insane persons and paupers or persons convicted of felony.  |
| Dis. of Col.   | See foot note on following page.  |                              |            |          |              |   |
| Florida* ..    | Citizen of the United States....  | 1 yr...                      | 6 mo.      | 6 mo.    | 30 dys       | Idiots, duelists, convicted of felony or any infamous crime.  |
| Georgia* ..    | Citizen of the U. S. who has paid all his taxes since 1877.   | 1 yr...                      | 6 mo.      | .....    | .....        | Convicted of felony, unless pardoned, idiots, and insane.   |
| Idaho * .....  | Citizen of the United States, male or female.   | 6 mo.                        | 30dys      | 3 mo.    | 10 dys       | Idiots, insane, convicted of felony or treason.   |
| Illinois * ... | Citizen of the United States.....   | 1 yr...                      | 90dys      | 30dys    | 30 dys       | Convicted of felony or bribery in elections, unless restored to citizenship.  |
| Indiana* ...   | Citizen or alien who has declared intention and resided one year in United States.                                | 6 mo.                        | 60dys      | 60dys    | 30 dys       | United States soldiers, sailors, and marines, and persons convicted of infamous crime.                              |
| Iowa * .....   | Citizen of the United States. ...   | 6 mo.                        | 60dys      | (e)      | (e)          | Idiots, insane, convicted of infamous crime.  |
| Kansas * ...   | Citizen of United States or alien who has declared intention (b)  | 6 mo.                        | 30dys      | 30dys    | 30 dys       | Felons, insane, under guardianship (d).   |
| Kent'ky*.      | Citizen of the United States.....   | 1 yr...                      | 6 mo.      | 60dys    | 60 dys       | Convicted of treason, or felony, or bribery, idiots, and insane.  |
| Louisia'a *    | Citizen of United States (f).....   | 2 yrs.                       | 1 yr...    | .....    | 6 mo.        | Idiots, insane, convicted of felony or treason, unless pardoned, with express restoration of franchise.             |
| Maine* .....   | Citizen of the United States ....   | 3 mo.                        | 3 mo.      | 3 mo.    | 3 mo.        | Paupers and Indians not taxed.  |
| Maryla'd*      | Citizen of the United States ....   | 1 yr...                      | 6 mo.      | .....    | .....        | Convicted of felony, unless pardoned, lunatics, persons <i>non compos mentis</i> .                                  |
| Mass. * .....  | Citizen who can read and write (b).   | 1 yr...                      | 6 mo.      | 6 mo.    | 6 mo.        | Paupers and persons under guardianship.   |
| Michigan*      | Citizen or alien who declared intention to become a citizen prior to May 8, 1892 (b).                             | 6 mo.                        | 20dys      | 20dys    | 20 dys       | Indians with tribal relations, duelists and accessories.  |
| Minn. * .....  | Citizen of United States who has been such for 3 months preceding election.                                       | 6 mo.                        | 30dys      | 30dys    | 30 dys       | Convicted of treason or felony, unless pardoned, under guardianship, insane, Indians un-taxed.                      |
| Miss. * .....  | Citizen of the United States who can read or understand Constitution.   | 2 yrs.                       | 1 yr...    | 1 yr...  | 1 yr (c)     | Insane, idiots, Indians not taxed, felons, persons who have not paid taxes.   |
| Missouri*.     | Citizen of United States or alien who has declared intention not less than 1 year or more than 5 before el-ction. | 1 yr...                      | 60dys      | 60dys    | 60 dys       | Persons in poorhouses or asylums at public expense, those in prison, or who have been convicted of infamous crimes. |
| Montana*.      | Citizen of the United States (b)  | 1 yr...                      | 30dys      | 30dys    | 30 dys       | Convicted of felony, unless pardoned, idiots, insane, U. S. soldiers, seamen, and marines, Indians.                 |
| Nebraska*      | Citizen of United States or alien who has declared intention thirty days before election.                         | 6 mo.                        | 40dys      | 10dys    | 10 dys       | Convicted of felony, unless restored to civil rights, persons <i>non compos mentis</i> .                            |
| Nevada * ..    | Citizen of the United States.....   | 6 mo.                        | 30dys      | .....    | 30 dys       | Idiots, insane, unpardoned convicts, Indians, Chinese.  |

\* Australian Ballot law or a modification of it in force † Or a person unable to read the Constitution in English and to write his name. (a) Or citizens of Mexico who shall have elected to become citizens under the treaties of 1848 and 1854. Poll-tax must be paid for current year. (b) Women can vote in school elections. (c) Clergymen are qualified after six months' residence in precinct. (d) Also public subscribers, persons guilty of bribery, or dishonorably discharged soldiers from the United States service, unless reinstated. (e) Only actual residence required. (f) If unable to read and write, the right to register and vote is conditional on his bona-fide ownership of property assessed in the State at a valuation of not less than \$300, and, if such property be personal only, all taxes due shall have been paid.

QUALIFICATIONS FOR VOTING—Continued.

| STATES.                     | Requirements as to Citizenship.  | PREVIOUS RESIDENCE REQUIRED. |                 |                |                  | Persons Excluded from Suffrage.   |
|-----------------------------|--|------------------------------|-----------------|----------------|------------------|---|
|                             |  | In State.                    | In County.      | In Town.       | In Precinct.     |   |
| N. Hamp.*                   | Citizen of the United States (a)   | 6 mo.                        | 6 mo.           | 6 mo.          | 6 mo.            | Insane or paupers.  |
| N. Jersey*                  | Citizen of the United States...  | 1 yr..                       | 5 mo.           | .....          | .....            | Idiots, paupers, insane, convicted of crime, unless pardoned or restored by law.  |
| N. M. Ter.                  | Citizen of the United States...  | 6 mo.                        | 3 mo.           | .....          | 30 dys           | Convicted of felony, unless pardoned, U. S. soldier or camp follower, Indians (h).  |
| N. York*..                  | Citizen who shall have been a citizen for ninety days prior to election.   | 1 yr..                       | 4 mo.           | 30 dys         | 30 dys           | Offenders against the elective franchise rights, being guilty of bribery, and betting on elections, and persons convicted of bribery or of any infamous crime and not restored to citizenship by the Executive. |
| N. Car.....                 | Citizen of the United States.....  | 1 yr..                       | 90 dys          | .....          | .....            | Convicted of felony or other infamous crime, idiots, lunatics (i).  |
| N. Dak. *..                 | Citizen of the United States and civilized Indian.† (a)  | 1 yr..                       | 6 mo.           | .....          | 90 dys           | Under guardianship, persons non compos mentis, or convicted of felony and treason, unless restored to civil rights.   |
| Ohio* .....                 | Citizen of the United States (a)   | 1 yr..                       | 30dys           | 20dys          | 20 dys           | Idiots, insane, and felons, persons in U. S. military and naval service on duty in Ohio.  |
| Okl. Ter...<br>Oregon * ... | Citizen of the United States (a)<br>White male citizen of United States or alien who has declared intention (a).         | 6 mo.<br>6 mo.               | 60dys<br>None.  | 60dys<br>None. | 30 dys<br>None.. | Indians having tribal relations. Idiots, insane, convicted of felony, Chinese.  |
| Penna. * ...                | Citizen of the United States at least one month, and if 22 years old or more must have paid tax within two years.        | 1 yr. .                      | .....           | .....          | .....            | 2 mo. Convicted of perjury and fraud as election officers, or bribery of voters.  |
| Rhode I. *<br>S. Car.....   | Citizen of the United States...<br>Citizen of the United States (e)  | 2yr(b)<br>2yr(c)             | .....<br>1 yr.. | 6 mo.<br>4 mo. | .....<br>4 mo.   | Paupers, lunatics (g).<br>Convicted of felony, crimes against election laws, unless pardoned, idiots, insane, paupers.  |
| S. Dak. * ...               | Citizen of the United States or alien who has declared intention, Indian who has severed tribal relations (a).           | 6 mo. §                      | 30dys           | 10 dys         | 10 dys           | Under guardianship, insane, convicted of treason or felony, unless pardoned, U. S. soldiers, seamen, and marines.   |
| Tenn. * .....               | Citizen of the U. S. who has paid poll-tax of preceding year.  | 1 yr..                       | 6 mo.           | .....          | .....            | Convicted of bribery or other infamous offence.   |
| Texas* .....                | Citizen of the U. S. or alien who has declared intention six months prior to election.                                   | 1 yr..                       | 6 mo.           | .....          | (d)              | Idiots, lunatics, paupers, convicted of felony, United States soldiers, marines, and seamen.  |
| Utah* .....                 | Citizen of the United States, male or female, who has been a citizen ninety days.  | 1 yr..                       | 4 mo.           | .....          | 60 dys           | Idiots, insane, convicted of treason or crime against elective franchise, unless pardoned.  |
| Vermont*                    | Citizen of the United States.....  | 1 yr..                       | .....           | 3 mo.          | 30 dys           | Those who have not obtained the approbation of the board of civil authority of the town in which they reside.   |
| Virginia*..<br>Wash'n* ..   | Citizen of the United States.....<br>Citizen of the United States and all residents of Territory prior to Statehood (a). | 1 yr..<br>1 yr..             | 3 mo.<br>90dys  | 3 mo.<br>30dys | .....<br>30 dys  | Idiots, lunatics (f).<br>Idiots, lunatics, convicted of infamous crimes, Indians not taxed.   |
| West Va. *                  | Citizen of the State.....  | 1 yr..                       | 60dys           | .....          | (d)              | Paupers, idiots, lunatics, convicted of treason, felony, or bribery at elections.   |
| Wis. * .....                | Citizen of United States or alien who has declared intention.  | 1 yr..                       | .....           | 10dys          | 10 dys           | Under guardianship, Indians having tribal relations, insane, convicted of treason or felony, betting on elections.  |
| Wyom. * ...                 | Citizen of the United States, male or female.  | 1 yr..                       | 60dys           | .....          | 10 dys           | Idiots, insane, convicted of infamous crimes, unable to read State Constitution in the English language.  |

\* Australian Ballot law or a modification of it in force. † Indian must have severed tribal relations. § One year's residence in the United States prior to election required. (a) Women can vote in school elections. (b) Owners of real estate, one year. (c) Ministers in charge of an organized church and teachers of public schools are entitled to vote after six months' residence in the State. (d) Actual residence in the precinct or district required. (e) Who has paid six months before election any poll-tax then due, and can read and write any section of the State Constitution, or can show that he owns and has paid all taxes due the previous year on property in the State assessed at \$300 or more. (f) Or convicted of bribery at election, embezzlement of public funds, treason, felony, and petty larceny, duelists and abettors, unless pardoned by Legislature. (g) Or persons non compos mentis, convicted of bribery or infamous crime, until restored to right to vote, under guardianship. (h) Except Pueblo Indians, if "acequia" officers. (i) Also those who deny the being of Almighty God.

Residents of the District of Columbia never had the right to vote therein for national officers, or on other matters of national concern, after the territory embraced in it was ceded to the United States, and became the seat of the general government. But from 1802 to June 20, 1874, the citizens of Washington, and from January 1, 1790, to said date the citizens of Georgetown, were entitled to vote on municipal subjects and for certain municipal officers. The citizens of the portion of the District outside of Washington and Georgetown were entitled to the privilege of voting on municipal subjects from April 20, 1871, to June 20, 1874, but that suffrage was abolished in the District of Columbia June 20, 1874, by an act of Congress of that date.

For laws requiring Registration of Voters, see next page.

## Requirements Regarding Registration of Voters.

(Continuation of "Qualifications for Voting," on preceding pages.)

THE registration of voters is required in the States of Alabama, California, Colorado, Connecticut, Delaware, Florida, Georgia, Idaho, Illinois (at each Congressional election), Louisiana, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Montana, Nevada, New Jersey, North Carolina, Pennsylvania (voter not registered can vote upon proof of residence), South Carolina, Tennessee, Utah, Virginia, and the Territories of Arizona and New Mexico.

In New York it is required in cities and villages containing upward of 5,000 population. Personal appearance not required in towns or villages of less than 5,000 inhabitants.

In Vermont must take freemen's oath before voting first time, no registration required.

In Iowa in cities having 3,500 inhabitants. In Nebraska in cities of over 7,000 inhabitants.

In Kentucky in cities and towns having a population of 3,000 or more, in Kansas in cities of the first and second class, in North Dakota in cities and villages of 1,000 inhabitants and over, in Ohio in cities of first and second class, in Maine in all cities and in towns having 500 or more voters. In Oklahoma Territory in cities of the first class.

In Missouri it is required in cities of 100,000 inhabitants and over, and in Wisconsin in cities of 2,000 inhabitants or more and in townships of 3,000 inhabitants or more.

In Rhode Island non-taxpayers are required to register yearly before December 31. In Texas in cities of 10,000 inhabitants or over. South Dakota has a registration law, but if voter is not registered he may prove qualifications when he offers to vote.

In the State of Washington all voters in all cities and towns and all voting precincts having a voting population of 250 or more must be registered.

The registration of voters is not required in Indiana or New Hampshire. It is prohibited in Arkansas and West Virginia by constitutional provision.

Oregon has a registration law which requires all persons desiring to exercise the right of voting to register with a notary public, justice of the peace, or the county clerk, between the first Monday in January and the fifteenth day of May, 1900, and between those dates biennially thereafter. If elector has not registered he may, by proof of his residence and qualifications upon his own oath and that of six electors who know him, be permitted to vote.

In Wyoming no person can vote without registering. If sick or absent at time of registration, can make proof of fact by two witnesses, and be registered on election day.

## Woman Suffrage.

IN 1899 woman suffrage bills were defeated in the Legislatures of Massachusetts, Maine, Connecticut, Vermont, Illinois, Oklahoma, Arizona, Indiana, Missouri, Michigan, and California.

Woman suffrage amendments to the Constitution were defeated by the people in the State elections of 1898 in South Dakota and Washington.

In Colorado, Idaho, Utah, and Wyoming women have full suffrage and vote for all officers, including Presidential electors. The Woman Suffrage law was adopted in Wyoming in 1870, and in Colorado in 1893, and woman suffrage is a constitutional provision in Utah and Wyoming.

In Indiana women may hold any office under the school laws, but cannot vote for any such officer.

In Kansas women exercise the suffrage largely in municipal elections.

In some form, mainly as to taxation or the selection of school officers, woman suffrage exists in a limited way in Arizona, Connecticut, Delaware, Illinois, Iowa, Kentucky, Massachusetts, Michigan, Minnesota, Montana, Nebraska, New Hampshire, New Jersey, New York, North Dakota, Ohio, Oklahoma, Oregon, South Dakota, Texas, Vermont, Washington, and Wisconsin.

In many European countries, in Australia and New Zealand in Cape Colony, in Canada, and in parts of India women vote on various terms for municipal or school officers.

In the British House of Lords, June 26, 1899, a bill legalizing the election of women as councillors and aldermen was defeated by a vote of 182 to 68.

The New York State Association Opposed to the Extension of Suffrage to Women is an organization of women having its headquarters in New York. The Executive Committee is as follows: Mrs. Francis M. Scott, Chairman; Miss Eleanor G. Hewitt, Mrs. George White Field, Mrs. Richard Watson Gilder, Mrs. Gilbert E. Jones, Mrs. Elihu Root, Mrs. George Waddington, Mrs. Rossiter Johnson, Mrs. Winfield Moody, Mrs. Arthur M. Dodge, and Mrs. George Phillips. Mrs. Phillips is Secretary, 445 West Twenty-first Street, New York, and Mrs. Waddington, Treasurer. There are also societies in Massachusetts (Mrs. Robert W. Lord, Boston, Secretary), Illinois (Mrs. James B. Barnett, Chicago, Secretary), Iowa, and Washington, and others are being organized.

The National Women's Suffrage Association, Miss Susan B. Anthony, President, Mrs. C. Chapman Catt, Chairman of the Committee on Organization; office, Pulitzer Building, New York.

## The Life-Saving Service.

THE ocean and lake coasts of the United States are picketed with the stations of the Life-Saving Service attached to the United States Treasury Department. Sumner I. Kimball is general superintendent, with headquarters at Washington, and there is a corps of inspectors, superintendents, station keepers, and crews, extending over the entire coast line, together with a Board on Life-Saving Appliances, composed of experts selected from the Revenue Marine Service, the Army, the Life-Saving Service, and civilians.

At the close of the last fiscal year the life-saving establishment embraced 265 stations, 193 being on the Atlantic coast, 56 on the lakes, 15 on the Pacific coast, and 1 at the falls of the Ohio, Louisville, Ky. In the following table are the statistics of the service:

|                              | Year Ending<br>June 30,<br>1899. | Since Introduction<br>of Life-Saving Sys-<br>tem in 1871, to<br>June 30, 1899. |  | Year Ending<br>June 30,<br>1899. | Since Introduction<br>of Life-Saving Sys-<br>tem in 1871, to<br>June 30, 1899. |
|------------------------------|----------------------------------|--|--|----------------------------------|--|
| Disasters.....               | 498                              | 11,170   | Shipwrecked Persons Succored<br>at Stations..... | 751                              | 14,627   |
| Value Property Involved..... | \$3,104,640                      | \$169,425,599  | Days' Succor Afforded.....                       | 1,450                            | 36,649   |
| Value Property Saved.....    | \$6,261,900                      | \$37,021,447   | Vessels Totally Lost on U. S.<br>Coasts.....     | 72                               | .....  |
| Value Property Lost.....     | \$1,842,740                      | \$37,407,152   |  |                                  |  |
| Persons Involved.....        | 3,903                            | 85,891   |  |                                  |  |
| Persons Lost.....            | 561                              | 908  |  |                                  |  |

In addition to the foregoing there were 294 casualties to smaller craft, such as sailboats, row-boats, etc., on which there were 671 persons, of whom 664 were saved and 7 lost. The cost of the maintenance of the service during the year was \$1,509,831.01.



## Naturalization Laws of the United States.

THE conditions under and the manner in which an alien may be admitted to become a citizen of the United States are prescribed by Sections 2,165-74 of the Revised Statutes of the United States.

### DECLARATION OF INTENTIONS.

The alien must declare upon oath before a circuit or district court of the United States or a district or supreme court of the Territories, or a court of record of any of the States having common law jurisdiction and a seal and clerk, two years at least prior to his admission, that it is, *bona fide*, his intention to become a citizen of the United States, and to renounce forever all allegiance and fidelity to any foreign prince or State, and particularly to the one of which he may be at the time a citizen or subject.

### OATH ON APPLICATION FOR ADMISSION.

He must at the time of his application to be admitted declare on oath, before some one of the courts above specified, "that he will support the Constitution of the United States, and that he absolutely and entirely renounces and abjures all allegiance and fidelity to every foreign prince, potentate, State, or sovereignty, and particularly, by name, to the prince, potentate, State, or sovereignty of which he was before a citizen or subject," which proceedings must be recorded by the clerk of the court.

### CONDITIONS FOR CITIZENSHIP.

If it shall appear to the satisfaction of the court to which the alien has applied that he has made a declaration to become a citizen two years before applying for final papers, and has resided continuously within the United States for at least five years, and within the State or Territory where such court is at the time held one year at least; and that during that time "he has behaved as a man of good moral character, attached to the principles of the Constitution of the United States, and well disposed to the good order and happiness of the same," he will be admitted to citizenship.

### TITLES OF NOBILITY.

If the applicant has borne any hereditary title or order of nobility he must make an express renunciation of the same at the time of his application.

### SOLDIERS.

Any alien of the age of twenty-one years and upward who has been in the armies of the United States, and has been honorably discharged therefrom, may become a citizen on his petition, without any previous declaration of intention, provided that he has resided in the United States at least one year previous to his application, and is of good moral character. (It is judicially decided that residence of one year in a particular State is not requisite.)

### MINORS.

Any alien under the age of twenty-one years who has resided in the United States three years next preceding his arriving at that age, and who has continued to reside therein to the time he may make application to be admitted a citizen thereof, may, after he arrives at the age of twenty-one years, and after he has resided five years within the United States, including the three years of his minority, be admitted a citizen; but he must make a declaration on oath and prove to the satisfaction of the court that for two years next preceding it has been his *bona fide* intention to become a citizen.

### CHILDREN OF NATURALIZED CITIZENS.

The children of persons who have been duly naturalized, being under the age of twenty-one years at the time of the naturalization of their parents, shall, if dwelling in the United States, be considered as citizens thereof.

### CITIZENS' CHILDREN WHO ARE BORN ABROAD.

The children of persons who now are or have been citizens of the United States are, though born out of the limits and jurisdiction of the United States, considered as citizens thereof.

### CHINESE.

The naturalization of Chinamen is expressly prohibited by Section 14, Chapter 126, Laws of 1882.

### PROTECTION ABROAD TO NATURALIZED CITIZENS.

Section 2,000 of the Revised Statutes of the United States declares that "all naturalized citizens of the United States while in foreign countries are entitled to and shall receive from this Government the same protection of persons and property which is accorded to native-born citizens."

### THE RIGHT OF SUFFRAGE.

The right to vote comes from the State, and is a State gift. Naturalization is a Federal right and is a gift of the Union, not of any one State. In nearly one-half of the Union aliens (who have declared intentions) vote and have the right to vote equally with naturalized or native-born citizens. In the other half only actual citizens may vote. (See Table of Qualifications for Voting in each State, on another page.) The Federal naturalization laws apply to the whole Union alike, and provide that no alien may be naturalized until after five years' residence. Even after five years' residence and due naturalization he is not entitled to vote unless the laws of the State confer the privilege upon him, and he may vote in several States six months after landing, if he has declared his intention, under United States law, to become a citizen.

## Passport Regulations.

**RULES governing the granting and issuing of passports in the United States:**

**1. BY WHOM ISSUED.**—No one but the Secretary of State may grant and issue passports in the United States.—Revised Statutes, sec. 4075, 4078.

A citizen of the United States desiring to procure a passport while he is temporarily abroad should apply to the diplomatic representative of the United States in the country where he happens to be; or, in the absence of a diplomatic representative, to the consul-general of the United States; or, in the absence of both, to the consul of the United States. The necessary statement may be made before the nearest consular officer of the United States.

**2. TO CITIZENS ONLY.**—The law forbids the granting of a passport to any person who is not a citizen of the United States.—Revised Statutes, sec. 4076.

A person who has only made the declaration of intention to become a citizen of the United States cannot receive a passport.

**3. APPLICATIONS.**—A citizen of the United States in this country in order to procure a passport must make a written application, in the form of an affidavit, to the Secretary of State.

The affidavit must be attested by an officer authorized to administer oaths, and if he has an official seal it must be affixed. If he has no seal, his official character must be authenticated by certificate of the proper legal officer.

If the applicant signs by mark, two attesting witnesses to his signature are required.

The applicant is required to state the date and place of his birth, his occupation, and the place of his permanent residence, and to declare that he goes abroad for temporary sojourn and intends to return to the United States with the purpose of residing and performing the duties of citizenship therein.

The applicant must take the oath of allegiance to the Government of the United States.

The application must be accompanied by a description of the person applying, and should state the following particulars, viz.: Age, — years; stature, — feet — inches (English measure); forehead, —; eyes, —; nose, —; mouth, —; chin, —; hair, —; complexion, —; face, —.

The application must be accompanied by a certificate from at least one credible witness that the applicant is the person he represents himself to be, and that the facts stated in the affidavit are true to the best of the witness's knowledge and belief.

**4. NATIVE CITIZENS.**—An application containing the information indicated by rule 3 will be sufficient evidence in the case of native citizens.

**5. A PERSON BORN ABROAD WHOSE FATHER WAS A NATIVE OF THE UNITED STATES.**—In addition to the statements required by rule 3, his application must show that his father was born in the United States, has resided therein, and was a citizen at the time of the applicant's birth. The Department may require that this affidavit be supported by that of one other citizen acquainted with the facts.

**6. NATURALIZED CITIZENS.**—In addition to the statements required by rule 3, a naturalized citizen must transmit his certificate of naturalization, or a duly certified copy of the court record thereof, with his application. It will be returned to him after inspection. He must state in his affidavit when and from what port he emigrated to this country, what ship he sailed in, where he has lived since his arrival in the United States, when and before what court he was naturalized, and that he is the identical person described in the certificate of naturalization. The signature to the application should conform in orthography to the applicant's name as written in the naturalization paper, which the Department follows.

**7. THE WIFE OR WIDOW OF A NATURALIZED CITIZEN.**—In addition to the statements required by rule 3, she must transmit for inspection her husband's naturalization certificate, must state that she is the wife or widow of the person described therein, and must set forth the facts of his emigration, naturalization, and residence, as required in the rule governing the application of a naturalized citizen.

**8. THE CHILD OF A NATURALIZED CITIZEN CLAIMING CITIZENSHIP THROUGH THE NATURALIZATION OF THE FATHER.**—In addition to the statements required by rule 3, the applicant must state that he or she is the son or daughter, as the case may be, of the person described in the naturalization certificate, which must be submitted for inspection, and must set forth the facts of his emigration, naturalization, and residence, as required in the rule governing the application of a naturalized citizen.

**9. EXPIRATION OF PASSPORT.**—A passport expires two years from the date of its issuance. A new one will be issued upon a new application, and if the applicant be a naturalized citizen, the old passport will be accepted in lieu of a naturalized certificate, if the application upon which it was issued is found to contain sufficient information as to the emigration, residence, and naturalization of the applicant.

**10. WIFE, MINOR CHILDREN, AND SERVANTS.**—When an applicant is accompanied by his wife, minor children, or servant, being an American citizen, it will be sufficient to state the fact, giving the respective ages of the children and the citizenship of the servant, when one passport will suffice for all. For any other person in the party a separate passport will be required. A woman's passport may include her minor children and servant under the above-named conditions.

**11. PROFESSIONAL TITLES.**—They will not be inserted in passports.

**12. FEE.**—By act of Congress approved March 23, 1888, a fee of one dollar is required to be collected for every citizen's passport. That amount in currency or postal money order should accompany each application. Orders should be payable to the Disbursing Clerk of the Department of State. Drafts or checks will not be received.

**13. BLANK FORMS OF APPLICATION.**—They will be furnished by the Department to persons who desire to apply for passports, upon their stating whether they are native or naturalized citizens or claim through the naturalization of husband or father. Forms are not furnished, except as samples, to those who make a business of procuring passports.

**14. ADDRESS.**—Communications should be addressed to the Department of State, Passport Division, and each communication should give the post-office address of the person to whom the answer is to be directed.

**15. REJECTION OF APPLICATION.**—The Secretary of State may refuse to issue a passport to any one who, he has reason to believe, desires it for an unlawful or improper purpose, or who is unable or unwilling to comply with the rules.

Section 4075 of the Revised Statutes of the United States providing that "the Secretary of State may grant and issue passports, and cause passports to be granted, issued, and verified in foreign countries by such diplomatic or consular officers of the United States, and under such rules as the President shall designate and prescribe for and on behalf of the United States," the foregoing rules are hereby prescribed for the granting and issuing of passports in the United States.

The Secretary of State is authorized to make regulations on the subject of issuing and granting passports additional to these rules and not inconsistent with them.

EXECUTIVE MANSION, Washington, May 21, 1893.

WILLIAM MCKINLEY.

## The United States Board on Geographic Names.

AN EXECUTIVE ORDER issued by President Harrison Sept. 4, 1890, requires that uniform usage in regard to geographic nomenclature and orthography shall obtain throughout the Executive Departments of the Government, and particularly upon maps and charts issued by the various departments and bureaus. To this Board must be referred all unsettled questions concerning geographic names which arise in the departments, and its decisions are to be accepted by the departments as the standard authority in such matters.

### MEMBERS OF THE BOARD.

*Chairman*—Henry Gannett, United States Geological Survey.

*Secretary*—Marcus Baker, United States Geological Survey.

Andrew H. Allen, Department of State; A. B. Johnson, of the Light-House Board; Commander Joseph E. Craig, Hydrographic Office, Navy Department; A. Von Haake, Post-Office Department; Otis T. Mason, Smithsonian Institution; Herbert G. Ogden, United States Coast and Geodetic Survey; Harry King, General Land Office; Capt. G. W. Goethals, Captain of Engineers, U. S. A.

# Constitution of the United States.

## Preamble.

WE, the people of the United States, in order to form a more perfect Union, establish justice, insure domestic tranquillity, provide for the common defence, promote the general welfare, and secure the blessings of liberty to ourselves and our posterity, do ordain and establish this CONSTITUTION for the United States of America.

## ARTICLE I.

### Legislative powers.

SECTION I. All legislative powers herein granted shall be vested in a Congress of the United States, which shall consist of a Senate and House of Representatives.

### House of Representatives.

SECTION II. 1. The House of Representatives shall be composed of members chosen every second year by the people of the several States, and the electors in each State shall have the qualifications requisite for electors of the most numerous branch of the State Legislature.

### Qualifications of Representatives.

2. No person shall be a Representative who shall not have attained to the age of twenty-five years, and been seven years a citizen of the United States, and who shall not, when elected, be an inhabitant of that State in which he shall be chosen.

### Apportionment of Representatives.

3. Representatives and direct taxes shall be apportioned among the several States which may be included within this Union according to their respective numbers, which shall be determined by adding to the whole number of free persons, including those bound to service for a term of years, and excluding Indians not taxed, three-fifths of all other persons. The actual enumeration shall be made within three years after the first meeting of the Congress of the United States, and within every subsequent term of ten years, in such manner as they shall by law direct. The number of Representatives shall not exceed one for every thirty thousand, but each State shall have at least one Representative; and until such enumeration shall be made, the State of New Hampshire shall be entitled to choose 3; Massachusetts, 8; Rhode Island and Providence Plantations, 1; Connecticut, 5; New York, 6; New Jersey, 4; Pennsylvania, 8; Delaware, 1; Maryland, 6; Virginia, 10; North Carolina, 5; South Carolina, 5, and Georgia, 3.\*

### Vacancies, how filled.

4. When vacancies happen in the representation from any State, the Executive Authority thereof shall issue writs of election to fill such vacancies.

### Officers, how appointed.

5. The House of Representatives shall choose their Speaker and other officers, and shall have the sole power of impeachment.

### Senate.

SECTION III. 1. The Senate of the United States shall be composed of two Senators from each State, chosen by the Legislature thereof, for six years; and each Senator shall have one vote.

### Classification of Senators.

2. Immediately after they shall be assembled in consequence of the first election, they shall be divided as equally as may be into three classes. The seats of the Senators of the first class shall be vacated at the expiration of the second year, of the second class at the expiration of the fourth year, and of the third class at the expiration of the sixth year, so that one-third may be chosen every second year: and if vacancies happen by resignation, or otherwise, during the recess of the Legislature of any State, the Executive thereof may make temporary appointment until the next meeting of the Legislature, which shall then fill such vacancies.

### Qualifications of Senators.

3. No person shall be a Senator who shall not have attained to the age of thirty years, and been nine years a citizen of the United States, and who shall not, when elected, be an inhabitant of that State for which he shall be chosen.

### President of the Senate.

4. The Vice-President of the United States shall be President of the Senate, but shall have no vote unless they be equally divided.

5. The Senate shall choose their other officers, and also a President pro tempore, in the absence of the Vice-President, or when he shall exercise the office of President of the United States.

### Senate a court for trial of impeachments.

6. The Senate shall have the sole power to try all impeachments. When sitting for that purpose, they shall be on oath or affirmation. When the President of the United States is tried, the Chief Justice shall preside; and no person shall be convicted without the concurrence of two-thirds of the members present.

### Judgment in case of conviction.

7. Judgment in cases of impeachment shall not extend further than to removal from office, and disqualification to hold and enjoy any office of honor, trust, or profit under the United States; but the party convicted shall nevertheless be liable and subject to indictment, trial, judgment, and punishment, according to law.

### Elections of Senators and Representatives.

SECTION IV. 1. The times, places, and manner of holding elections for Senators and Representatives shall be prescribed in each State by the Legislature thereof; but the Congress may at any time by law make or alter such regulations, except as to places of choosing Senators.

### Meeting of Congress.

2. The Congress shall assemble at least once in every year, and such meeting shall be on the first Monday in December, unless they shall by law appoint a different day.

### Organization of Congress.

SECTION V. 1. Each House shall be the judge of the elections, returns, and qualifications of its own members, and a majority of each shall constitute a quorum to do business; but a smaller number may adjourn from day to day, and may be authorized to compel the attendance of absent members in such manner and under such penalties as each House may provide.

### Rule of proceedings.

2. Each House may determine the rules of its proceedings, punish its members for disorderly behavior, and with the concurrence of two-thirds expel a member.

### Journals of each House.

3. Each House shall keep a journal of its proceedings, and from time to time publish the same, excepting such parts as may in their judgment require secrecy; and the yeas and nays of the members of either House on any question shall, at the desire of one-fifth of those present, be entered on the journal.

### Adjournment of Congress.

4. Neither House, during the session of Congress, shall, without the consent of the other, adjourn for more than three days, nor to any other place than that in which the two Houses shall be sitting.

### Pay and privileges of members.

SECTION VI. 1. The Senators and Representatives shall receive a compensation for their services, to be ascertained by law, and paid out of the Treasury of the United States. They shall in all cases, except treason, felony, and breach of the peace, be privileged from arrest during their attendance at the session of their respective Houses, and in going to and returning from the same; and for any speech or debate in either House they shall not be questioned in any other place.

### Other officers prohibited.

2. No Senator or Representative shall, during the time for which he was elected, be appointed to any civil office under the authority of the United States which shall have been created, or the emoluments whereof shall have been increased during such time; and no person holding any office under the United States shall be a member of either House during his continuance in office.

### Revenue bills.

SECTION VII. 1. All bills for raising revenue shall originate in the House of Representatives, but the Senate may propose or concur with amendments, as on other bills.

### How bills become laws.

2. Every bill which shall have passed the House of Representatives and the Senate shall, before it become a law, be presented to the President of the United States; if he approve, he shall sign it, but if not, he shall return it, with his objections, to that House in which it shall have originated, who shall enter the objections at large on their journal, and proceed to reconsider it. If after such reconsideration two-thirds of that House shall agree to pass the bill, it shall be sent, together with the objections, to the other House, by which it shall likewise be reconsidered; and if approved by two-thirds of that House it shall become a law. But in all such cases the votes of both Houses shall be determined by yeas and nays, and the names of the persons voting for and against the bill shall be entered on the journal of each House respectively. If any bill shall not be returned by the President within ten days (Sundays excepted) after it shall have been presented to him, the same shall be a law in like manner as if he had signed it, unless the Congress by their adjournment prevent its return; in which case it shall not be a law.

\* See Article XIV., Amendments.

**Approval and veto powers of the President.** 3. Every order, resolution, or vote to which the concurrence of the Senate and House of Representatives may be necessary (except on a question of adjournment) shall be presented to the President of the United States and before the same shall take effect shall be approved by him, or being disapproved by him, shall be re-passed by two-thirds of the Senate and the House of Representatives, according to the rules and limitations prescribed in the case of a bill.

**Powers vested in Congress.** SECTION VIII. 1. The Congress shall have power:  
To lay and collect taxes, duties, imposts, and excises, to pay the debts and provide for the common defence and general welfare of the United States: but all duties, imposts, and excises shall be uniform throughout the United States.

2. To borrow money on the credit of the United States.  
3. To regulate commerce with foreign nations, and among the several States, and with the Indian tribes.  
4. To establish an uniform rule of naturalization and uniform laws on the subject of bankruptcies throughout the United States.

5. To coin money, regulate the value thereof, and of foreign coin, and fix the standard of weights and measures.

6. To provide for the punishment of counterfeiting the securities and current coin of the United States.

7. To establish post-offices and post-roads.  
8. To promote the progress of science and useful arts by securing for limited times to authors and inventors the exclusive rights to their respective writings and discoveries.

9. To constitute tribunals inferior to the Supreme Court.

10. To define and punish piracies and felonies committed on the high seas, and offences against the law of nations.

11. To declare war, grant letters of marque and reprisal, and make rules concerning captures on land and water.

12. To raise and support armies, but no appropriation of money to that use shall be for a longer term than two years.

13. To provide and maintain a navy.

14. To regulate the government and regulation of the land and naval forces.

15. To provide for calling forth the militia to execute the laws of the Union, suppress insurrections, and rebel

lions.

16. To provide for organizing, arming, and disciplining the militia, and for governing such part of them as may be employed in the service of the United States, reserving to the States respectively the appointment of the officers, and the authority of training the militia according to the discipline prescribed by Congress.

17. To exercise exclusive legislation in all cases whatsoever over such district (not exceeding ten miles square) as may, by cession of particular States and the acceptance of Congress, become the seat of Government of the United States, and to exercise like authority over all places purchased by the consent of the Legislature of the State in which the same shall be, for the erection of forts, magazines, arsenals, dry-docks, and other needful buildings.

18. To make all laws which shall be necessary and proper for carrying into execution the foregoing powers, and all other powers vested by this Constitution in the Government of the United States, or in any department or officer thereof.

**Immigrants, how admitted.** SECTION IX. 1. The migration or importation of such persons as any of the States now existing shall think proper to admit shall not be prohibited by the Congress prior to the year one thousand eight hundred and eight, but a tax or duty may be imposed on such importation, not exceeding ten dollars for each person.

**Habeas corpus.** 2. The privilege of the writ of habeas corpus shall not be suspended, unless when in cases of rebellion or invasion the public safety may require it.

**Attainder.** 3. No bill of attainder or ex post facto law shall be passed.

**Direct taxes.** 4. No capitation or other direct tax shall be laid, unless in proportion to the census or enumeration hereinbefore directed to be taken.

**Regulations regarding customs duties.** 5. No tax or duty shall be laid on articles exported from any State.

6. No preference shall be given by any regulation of commerce or revenue to the ports of one State over those of another, nor shall vessels bound to or from one State be obliged to enter, clear, or pay duties in another.

**Moneys, how drawn.** 7. No money shall be drawn from the Treasury but in consequence of appropriations made by law; and a regular statement and account of the receipts and expenditures of all public money shall be published from time to time.

**Titles of nobility prohibited.** 8. No title of nobility shall be granted by the United States. And no person holding any office of profit or trust under them shall, without the consent of the Congress, accept of any present, emolument, office, or title of any kind whatever from any king, prince, or foreign state.

**Powers of States defined.** SECTION X. 1. No State shall enter into any treaty, alliance, or confederation, grant letters of marque and reprisal, coin money, emit bills of credit, make anything but gold and silver coin a tender in payment of debts, pass any bill of attainder, ex post facto law, or law impairing the obligation of contracts, or grant any title of nobility.

2. No State shall, without the consent of the Congress, lay any impost or duties on imports or exports, except what may be absolutely necessary for executing its inspection laws, and the net produce of all duties and imposts, laid by any State on imports or exports, shall be for the use of the Treasury of the United States; and all such laws shall be subject to the revision and control of the Congress.

3. No State shall, without the consent of Congress, lay any duty of tonnage, keep troops or ships of war in time of peace, enter into any agreement or compact with another State, or with a foreign power, or engage in war, unless actually invaded, or in such imminent danger as will not admit of delay.

## ARTICLE II.

**Executive power, in whom vested.** SECTION I. 1. The Executive power shall be vested in a President of the United States of America. He shall hold his office during the term of four years, and, together with the Vice-President, chosen for the same term, be elected as follows:

**Electors.** 2. Each State shall appoint, in such manner as the Legislature thereof may direct, a number of electors, equal to the whole number of Senators and Representatives to which the State may be entitled in the Congress; but no Senator or Representative or person holding an office of trust or profit under the United States shall be appointed an elector.

**Proceedings of electors.** 3. [The electors shall meet in their respective States and vote by ballot for two persons, of whom one at least shall not be an inhabitant of the same State with themselves. And they shall make a list of all the persons voted for, and of the number of votes for each, which list they shall sign and certify and transmit, sealed, to the seat of the government of the United States, directed to the President of the Senate. The President of the Senate shall, in the presence of the Senate and House of Representatives, open all the certificates, and the votes shall then be counted. The person having the greatest number of votes shall be the President, if such number be a majority of the whole number of electors appointed, and if there be more than one who have such majority, and have an equal number of votes, then the House of Representatives shall immediately choose by ballot one of them for President.

**Proceedings of the House of Representatives.** 4. And if no person have a majority, then from the five highest on the list the said House shall in like manner choose the President. But in choosing the President, the vote shall be taken by States, the representation from each State having one vote. A quorum, for this purpose, shall consist of a member or members from two-thirds of the States, and a majority of all the States shall be necessary to a choice. In every case, after the choice of the President, the person having the greatest number of votes of the electors shall be the Vice-President. But if there should remain two or more who have equal votes, the Senate shall choose from them by ballot the Vice-President.\*

**Time of choosing electors.** 5. The Congress may determine the time of choosing the electors and the day on which they shall give their votes, which day shall be the same throughout the United States.

\* This clause is superseded by Article XII., Amendments.

- Qualifications of the President.** 5. No person except a natural born citizen, or a citizen of the United States at the time of the adoption of this Constitution, shall be eligible to the office of President; neither shall any person be eligible to that office who shall not have attained to the age of thirty-five years and been fourteen years a resident within the United States.
- Provision in case of his disability.** 6. In case of the removal of the President from office, or of his death, resignation, or inability to discharge the powers and duties of the said office, the same shall devolve on the Vice-President, and the Congress may by law provide for the case of removal, death, resignation, or inability, both of the President and Vice-President, declaring what officer shall then act as President, and such officer shall act accordingly until the disability be removed or a President shall be elected.
- Salary of the President.** 7. The President shall, at stated times, receive for his services a compensation, which shall neither be increased nor diminished during the period for which he shall have been elected, and he shall not receive within that period any other emolument from the United States, or any of them.
- Oath of the President.** 8. Before he enter on the execution of his office he shall take the following oath or affirmation: "I do solemnly swear (or affirm) that I will faithfully execute the office of President of the United States, and will, to the best of my ability, preserve, protect, and defend the Constitution of the United States."
- Duties of the President.** SECTION II. 1. The President shall be Commander-in-Chief of the Army and Navy of the United States, and of the militia of the several States when called into the actual service of the United States; he may require the opinion, in writing, of the principal officer on each of the executive departments upon any subject relating to the duties of their respective offices, and he shall have power to grant reprieves and pardons for offences against the United States except in cases of impeachment.
2. He shall have power, by and with the advice and consent of the Senate, to make treaties, provided two-thirds of the Senators present concur; and he shall nominate, and by and with the advice and consent of the Senate shall appoint ambassadors, other public ministers and consuls, judges of the Supreme Court, and all other officers of the United States whose appointments are not herein otherwise provided for, and which shall be established by law; but the Congress may by law vest the appointment of such inferior officers as they think proper in the President alone, in the courts of law, or in the heads of departments.
3. The President shall have power to fill up all vacancies that may happen during the recess of the Senate by granting commissions, which shall expire at the end of their next session.
- May make treaties, appoint ambassadors, judges, etc.** 2. He shall have power, by and with the advice and consent of the Senate, to make treaties, provided two-thirds of the Senators present concur; and he shall nominate, and by and with the advice and consent of the Senate shall appoint ambassadors, other public ministers and consuls, judges of the Supreme Court, and all other officers of the United States whose appointments are not herein otherwise provided for, and which shall be established by law; but the Congress may by law vest the appointment of such inferior officers as they think proper in the President alone, in the courts of law, or in the heads of departments.
- May fill vacancies.** 3. The President shall have power to fill up all vacancies that may happen during the recess of the Senate by granting commissions, which shall expire at the end of their next session.
- May make recommendations to and convene Congress.** SECTION III. He shall from time to time give to the Congress information of the state of the Union, and recommend to their consideration such measures as he shall judge necessary and expedient; he may, on extraordinary occasions, convene both Houses, or either of them, and in case of disagreement between them with respect to the time of adjournment, he may adjourn them to such time as he shall think proper; he shall receive ambassadors and other public ministers; he shall take care that the laws be faithfully executed, and shall commission all the officers of the United States.
- How officers may be removed.** SECTION IV. The President, Vice-President, and all civil officers of the United States shall be removed from office on impeachment for and conviction of treason, bribery, or other high crimes and misdemeanors.

**ARTICLE III.**

- Judicial power, how invested.** SECTION I. The judicial power of the United States shall be vested in one Supreme Court, and in such inferior courts as the Congress may from time to time ordain and establish. The judges, both of the Supreme and inferior courts, shall hold their offices during good behavior, and shall at stated times receive for their services a compensation which shall not be diminished during their continuance in office.
- To what cases it extends.** SECTION II. 1. The judicial power shall extend to all cases in law and equity arising under this Constitution, the laws of the United States, and treaties made, or which shall be made, under their authority; to all cases affecting ambassadors, other public ministers, and consuls; to all cases of admiralty and maritime jurisdiction; to controversies to which the United States shall be a party; to controversies between two or more States, between a State and citizens of another State, between citizens of different States, between citizens of the same State claiming lands under grants of different States, and between a State, or the citizens thereof, and foreign States, citizens, or subjects.
- Jurisdiction of the Supreme Court.** 2. In all cases affecting ambassadors, other public ministers, and consuls, and those in which a State shall be a party, the Supreme Court shall have original jurisdiction. In all the other cases before-mentioned the Supreme Court shall have appellate jurisdiction both as to law and fact, with such exceptions and under such regulations as the Congress shall make.
- Rules respecting trials.** 3. The trial of all crimes, except in cases of impeachment, shall be by jury, and such trial shall be held in the State where the said crimes shall have been committed; but when not committed within any State the trial shall be at such place or places as the Congress may by law have directed.
- Treason defined.** SECTION III. 1. Treason against the United States shall consist only in levying war against them, or in adhering to their enemies, giving them aid and comfort. No person shall be convicted of treason unless on the testimony of two witnesses to the same overt act, or on confession in open court.
- How punished.** 2. The Congress shall have power to declare the punishment of treason, but no attainder of treason shall work corruption of blood or forfeiture except during the life of the person attained.

**ARTICLE IV.**

- Rights of States and records.** SECTION I. Full faith and credit shall be given in each State to the public acts, records, and judicial proceedings of every other State. And the Congress may by general laws prescribe the manner in which such acts, records, and proceedings shall be proved, and the effect thereof.
- Privileges of citizens.** SECTION II. 1. The citizens of each State shall be entitled to all privileges and immunities of citizens in the several States.
- Executive requisitions.** 2. A person charged in any State with treason, felony, or other crime, who shall flee from justice, and be found in another State, shall on demand of the Executive authority of the State from which he fled, be delivered up, to be removed to the State having jurisdiction of the crime.
- Laws regulating service or labor.** 3. No person held to service or labor in one State, under the laws thereof, escaping into another, shall, in consequence of any law or regulation therein, be discharged from such service or labor, but shall be delivered up on claim of the party to whom such service or labor may be due.
- New States, how formed and admitted.** SECTION III. 1. New States may be admitted by the Congress into this Union; but no new State shall be formed or erected within the jurisdiction of any other State, nor any State be formed by the junction of two or more States, or parts of States, without the consent of the Legislatures of the States concerned, as well as of the Congress.
- Power of Congress over public lands.** 2. The Congress shall have power to dispose of and make all needful rules and regulations respecting the territory or other property belonging to the United States; and nothing in this Constitution shall be so construed as to prejudice any claims of the United States, or of any particular State.
- Republican government guaranteed.** SECTION IV. The United States shall guarantee to every State in this Union a republican form of government, and shall protect each of them against invasion, and, on application of the Legislature, or of the Executive (when the Legislature cannot be convened), against domestic violence.

**ARTICLE V.**

- Constitution, how amended.** The Congress, whenever two-thirds of both Houses shall deem it necessary, shall propose amendments to this Constitution, or, on the application of the Legislatures of two-thirds of the several States, shall call a convention for proposing amendments, which, in either case, shall be valid to all intents and purposes, when ratified by three-fourths of the several States, or by three-fourths of the members of the convention, provided that no State, without its consent, shall be deprived or its equal suffrage in the Senate.

**ARTICLE VI.**

- Validity of debts recognized.** 1. All debts contracted and engagements entered into before the adoption of this Constitution shall be as valid against the United States under this Constitution as under the Confederation.

- Supreme law of the land defined. 2. This Constitution and the laws of the United States which shall be made in pursuance thereof and all treaties made, or which shall be made, under the authority of the United States, shall be the supreme law of the land, and the judges in every State shall be bound thereby; anything in the Constitutions or laws of any State to the contrary notwithstanding.
- Oath; of whom required and for what. 3. The Senators and Representatives before mentioned, and the members of the several State Legislatures, and all executive and judicial officers, both of the United States and of the several States, shall be bound by oath or affirmation to support this Constitution; but no religious test shall ever be required as a qualification to any office or public trust under the United States.

## ARTICLE VII.

- Ratification of the Constitution. The ratification of the Conventions of nine States shall be sufficient for the establishment of this Constitution between the States so ratifying the same.

## AMENDMENTS TO THE CONSTITUTION.

## ARTICLE I.

- Religion and free speech. Congress shall make no law respecting an establishment of religion, or prohibiting the free exercise thereof; or abridging the freedom of speech or of the press; or the right of the people peaceably to assemble, and to petition the Government for a redress of grievances.

## ARTICLE II.

- Right to bear arms. A well-regulated militia being necessary to the security of a free State, the right of the people to keep and bear arms shall not be infringed.

## ARTICLE III.

- Soldiers in time of peace. No soldier shall, in time of peace, be quartered in any house without the consent of the owner, nor in time of war but in a manner to be prescribed by law.

## ARTICLE IV.

- Right of search. The right of the people to be secure in their persons, houses, papers, and effects, against unreasonable searches and seizures, shall not be violated, and no warrants shall issue but upon probable cause, supported by oath or affirmation, and particularly describing the place to be searched, and the persons or things to be seized.

## ARTICLE V.

- Capital crimes and arrest thereof. No person shall be held to answer for a capital or other infamous crime unless on a presentment or indictment of a grand jury, except in cases arising in the land or naval forces, or in the militia, when in actual service, in time of war or public danger; nor shall any person be subject for the same offence to be twice put in jeopardy of life or limb; nor shall be compelled in any criminal case to be a witness against himself, nor be deprived of life, liberty, or property, without due process of law; nor shall private property be taken for public use without just compensation.

## ARTICLE VI.

- Right to speedy trial. In all criminal prosecutions, the accused shall enjoy the right to a speedy and public trial, by an impartial jury of the State and district wherein the crime shall have been committed, which district shall have been previously ascertained: by law, and to be informed of the nature and cause of the accusation; to be confronted with the witnesses against him; to have compulsory process for obtaining witnesses in his favor, and to have the assistance of counsel for his defence.

## ARTICLE VII.

- Trial by jury. In suits at common law, where the value in controversy shall exceed twenty dollars, the right of trial by jury shall be preserved, and no fact tried by a jury shall be otherwise re-examined in any court of the United States than according to the rules of the common law.

## ARTICLE VIII.

- Excessive bail. Excessive bail shall not be required, nor excessive fines imposed, nor cruel and unusual punishments inflicted.

## ARTICLE IX.

- Enumeration of rights. The enumeration in the Constitution of certain rights shall not be construed to deny or disparage others retained by the people.

## ARTICLE X.

- Reserved rights of States. The powers not delegated to the United States by the Constitution, nor prohibited by it to the States, are reserved to the States respectively, or to the people.

## ARTICLE XI.

- Judicial power. The judicial power of the United States shall not be construed to extend to any suit in law or equity, commenced or prosecuted against one of the United States, by citizens of another State, or by citizens or subjects of any foreign State.

## ARTICLE XII.

- Electors in Presidential elections. The electors shall meet in their respective States, and vote by ballot for President and Vice-President, one of whom at least shall not be an inhabitant of the same State with themselves: they shall name in their ballots the person voted for as President, and in distinct ballots the person voted for as Vice-President; and they shall make distinct lists of all persons voted for as President, and of all persons voted for as Vice-President, and of the number of votes for each, which list they shall sign and certify, and transmit, sealed, to the seat of the Government of the United States, directed to the President of the Senate; the President of the Senate shall, in the presence of the Senate and House of Representatives, open all the certificates, and the votes shall then be counted: the person having the greatest number of votes for President shall be the President, if such number be a majority of the whole number of electors appointed; and if no person have such majority, then from the persons having the highest numbers, not exceeding three, on the list of those voted for as President, the House of Representatives shall choose immediately, by ballot, the President. But in choosing the President, the votes shall be taken by States, the representation from each State having one vote; a quorum for this purpose shall consist of a member or members from two-thirds of the States, and a majority of all the States shall be necessary to a choice. And if the House of Representatives shall not choose a President, whenever the right of choice shall devolve upon them, before the fourth day of March next following, then the Vice-President shall act as President, as in the case of the death or other constitutional disability of the President. The person having the greatest number of votes as Vice-President shall be the Vice-President, if such number be a majority of the whole number of electors appointed, and if no person have a majority, then from the two highest numbers on the list the Senate shall choose the Vice-President; a quorum for the purpose shall consist of two-thirds of the whole number of Senators, and a majority of the whole number shall be necessary to a choice. But no person constitutionally ineligible to the office of President shall be eligible to that of Vice-President of the United States.

## ARTICLE XIII.

- Slavery prohibited. 1. Neither slavery nor involuntary servitude, except as a punishment for crime whereof the party shall have been duly convicted, shall exist within the United States, or any place subject to their jurisdiction.  
2. Congress shall have power to enforce this article by appropriate legislation.

## CONSTITUTION OF THE UNITED STATES—Continued.

## ARTICLE XIV.

- Protection for all citizens.** 1. All persons born or naturalized in the United States, and subject to the jurisdiction thereof, are citizens of the United States and of the State wherein they reside. No State shall make or enforce any law which shall abridge the privileges or immunities of citizens of the United States; nor shall any State deprive any person of life, liberty, or property without due process of law, nor deny to any person within its jurisdiction the equal protection of the laws.
- Appointment of Representatives.** 2. Representatives shall be apportioned among the several States according to their respective numbers, counting the whole number of persons in each State, excluding Indians not taxed. But when the right to vote at any election for the choice of electors for President and Vice-President of the United States, Representatives in Congress, the executive and judicial officers of a State, or the members of the Legislature thereof, is denied to any of the male members of such State, being of twenty-one years of age, and citizens of the United States, or in any way abridged, except for participation in rebellion or other crime, the basis of representation therein shall be reduced in the proportion which the number of such male citizens shall bear to the whole number of male citizens twenty-one years of age in such State.
- Rebellion against the United States.** 3. No person shall be a Senator or Representative in Congress, or elector of President and Vice-President, or holding any office, civil or military, under the United States, or under any State, who, having previously taken an oath, as a member of Congress, or as an officer of the United States, or as a member of any State Legislature, or as an executive or judicial officer of any State, to support the Constitution of the United States, shall have engaged in insurrection or rebellion against the same, or given aid and comfort to the enemies thereof. But Congress may, by a vote of two-thirds of each House, remove such disability.
- The public debt.** 4. The validity of the public debt of the United States, authorized by law, including debts incurred for payment of pensions and bounties for services in suppressing insurrection and rebellion, shall not be questioned. But neither the United States nor any State shall assume or pay any debt or obligation incurred in aid of insurrection or rebellion against the United States, or any claim for the loss or emancipation of any slave; but all such debts, obligations, and claims shall be held illegal and void.
5. The Congress shall have power to enforce by appropriate legislation the provisions of this article.

## ARTICLE XV.

- Right of suffrage.** 1. The right of the citizens of the United States to vote shall not be denied or abridged by the United States or by any State on account of race, color, or previous condition of servitude.
2. The Congress shall have power to enforce the provisions of this article by appropriate legislation.

## RATIFICATION OF THE CONSTITUTION.

The Constitution was ratified by the thirteen original States in the following order :

Delaware, December 7, 1787, unanimously.

Pennsylvania, December 12, 1787, vote 46 to 23.

New Jersey, December 18, 1787, unanimously.

Georgia, January 2, 1788, unanimously.

Connecticut, January 9, 1788, vote 128 to 40.

Massachusetts, February 6, 1788, vote 187 to 169.

Maryland, April 28, 1788, vote 63 to 12.

South Carolina, May 23, 1788, vote 149 to 73.

New Hampshire, June 21, 1788, vote 57 to 46.

Virginia, June 25, 1788, vote 89 to 79.

New York, July 26, 1788, vote 30 to 28.

North Carolina, November 21, 1789, vote 193 to 75.

Rhode Island, May 29, 1790, vote 34 to 32.

## RATIFICATION OF THE AMENDMENTS.

I. to X. inclusive were declared in force December 15, 1791.

XI. was declared in force January 8, 1795.

XII., regulating elections, was ratified by all the States except Connecticut, Delaware, Massachusetts, and New Hampshire, which rejected it. It was declared in force September 28, 1804.

XIII. The emancipation amendment was ratified by 31 of the 36 States; rejected by Delaware and Kentucky, not acted on by Texas; conditionally ratified by Alabama and Mississippi. Proclaimed December 18, 1865.

XIV. Reconstruction amendment was ratified by 23 Northern States; rejected by Delaware, Kentucky, Maryland, and 10 Southern States, and not acted on by California. The 10 Southern States subsequently ratified under pressure. Proclaimed July 28, 1866.

XV. Negro citizenship amendment was not acted on by Tennessee, rejected by California, Delaware, Kentucky, Maryland, New Jersey, and Oregon; ratified by the remaining 30 States. New York rescinded its ratification January 5, 1870. Proclaimed March 30, 1870.

## National Municipal League.

*President*—James C. Carter, New York. *First Vice-President*—Charles Richardson, Philadelphia. *Second Vice-President*—Samuel B. Capen, Boston. *Third Vice-President*—Thomas N. Strong, Portland, Ore. *Fourth Vice-President*—Edmund J. James, Chicago. *Fifth Vice-President*—H. Dickson Bruns, New Orleans. *Secretary*—Clinton Rogers Woodruff, 1112 Girard Building, Philadelphia. *Treasurer*—George Burnham, Jr., Philadelphia. *Executive Committee*—Chairman, Charles J. Bonaparte, Baltimore; Hector McIntosh, Philadelphia; Joseph A. Miller, Providence; George W. Ochs, New York; Harry A. Garfield, Cleveland; Oliver McClintock, Pittsburgh, Pa.; William G. Low, Brooklyn; Dudley Tibbits, Troy; F. N. Hartwell, Louisville; John A. Butler, Milwaukee; George W. Guthrie, Pittsburgh, and the officers. The League is composed of associations formed in cities of the United States, and having as an object the improvement of municipal government. It has no connection with State or National parties or issues, and confines itself strictly to municipal affairs. Any association belonging to the League may withdraw at any time.

In affiliation with the National League are over seventy municipal reform associations, comprised of the Good Government Clubs, Municipal Leagues, Reform Leagues, Taxpayers' Associations, and other local reform associations of cities throughout the Union.

## League of American Municipalities.

*President*—H. V. Johnson, Mayor of Denver, Col. *Vice-Presidents*—J. A. Johnson, Mayor of Fargo, N. Dak.; C. T. Driscoll, Mayor of New Haven, Ct.; W. C. Flower, Mayor of New Orleans. *Treasurer*—Thomas P. Taylor, Bridgeport, Ct. *Secretary*—B. F. Gilkinson, Downing Building, New York City. *Trustees*—J. Adger Smyth, Mayor of Charleston, S. C.; Chas. S. Ashley, Mayor of New Bedford, Mass.; and J. T. Hartley, Columbus, Ohio.

The objects of the League of American Municipalities are as follows: The general improvement and facilitation of every branch of municipal administration by the following means: First—The perpetuation of the organization as an agency for the co-operation of American cities in the practical study of all questions pertaining to municipal administration. Second—The holding of annual conventions for the discussion of contemporaneous municipal affairs. Third—The establishment and maintenance of a central bureau of information for the collection, compilation, and dissemination of statistics, reports, and all kinds of information relative to municipal government. The membership of the League includes nearly all of the important cities in this country. The annual meeting for 1900 will be held at Charleston, S. C.

Presidents of the United States.

| NAME.                       | Birthplace.            | Year. | Paternal Ancestry. | Residence. | Inaugurated. |      | Politics. | Place of Death.           | Year. | Age.  |
|-----------------------------|------------------------|-------|--------------------|------------|--------------|------|-----------|---------------------------|-------|-------|
|                             |                        |       |                    |            | Year.        | Age. |           |                           |       |       |
| 1 George Washington.....    | Westmoreland Co., Va.  | 1732  | English            | Va.....    | 1789         | 57   | Fed...    | Mt. Vernon, Va.....       | 1799  | 67    |
| 2 John Adams.....           | Quincy, Mass.....      | 1735  | English            | Mass.....  | 1797         | 62   | Fed...    | Quincy, Mass.....         | 1826  | 90    |
| 3 Thomas Jefferson.....     | Shadwell, Va.....      | 1743  | Welsh              | Va.....    | 1801         | 58   | Rep.†     | Monticello, Va.....       | 1826  | 83    |
| 4 James Madison.....        | Port Conway, Va.....   | 1751  | English            | Va.....    | 1809         | 58   | Rep...    | Montpelier, Va.....       | 1836  | 85    |
| 5 James Monroe.....         | Westmoreland Co., Va.  | 1758  | Scotch.            | Va.....    | 1817         | 59   | Rep.†     | New York City.....        | 1831  | 73    |
| 6 John Quincy Adams.....    | Quincy, Mass.....      | 1767  | English            | Mass.....  | 1825         | 58   | Rep.†     | Washington, D. C.....     | 1848  | 80    |
| 7 Andrew Jackson.....       | Union Co., N. C.*      | 1767  | Scotch-Irish.      | Tenn.....  | 1829         | 62   | Dem...    | Hernutage, Tenn.....      | 1845  | 78    |
| 8 Martin Van Buren.....     | Kinderhook, N. Y.....  | 1782  | Dutch.....         | N. Y.....  | 1837         | 55   | Dem...    | Lindenwood, N. Y.....     | 1862  | 79    |
| 9 William H. Harrison.....  | Berkeley, Va.....      | 1773  | English            | O.....     | 1841         | 68   | Whig.     | Washington, D. C.....     | 1841  | 68    |
| 10 John Tyler.....          | Greenvay, Va.....      | 1790  | English            | Va.....    | 1841         | 51   | Dem...    | Richmond, Va.....         | 1863  | 73    |
| 11 James K. Polk.....       | Mecklenburg Co., N. C. | 1795  | Scotch-Irish.      | Tenn.....  | 1845         | 50   | Dem...    | Nashville, Tenn.....      | 1849  | 53    |
| 12 Millard Fillmore.....    | Orange Co., Va.....    | 1784  | English            | La.....    | 1849         | 65   | Whig.     | Washington, D. C.....     | 1850  | 65    |
| 14 Franklin Pierce.....     | Hillsboro, N. H.....   | 1804  | English            | N. H.....  | 1853         | 49   | Dem...    | Concord, N. H.....        | 1869  | 64    |
| 15 James Buchanan.....      | Cove Gap, Pa.....      | 1791  | Scotch-Irish.      | Pa.....    | 1857         | 66   | Dem...    | Wheatland, Pa.....        | 1868  | 77    |
| 16 Abraham Lincoln.....     | Larne Co., Ky.....     | 1809  | English            | Ill.....   | 1861         | 52   | Rep.†     | Washington, D. C.....     | 1865  | 56    |
| 17 Andrew Johnson.....      | Raleigh, N. C.....     | 1808  | English            | Tenn.....  | 1865         | 57   | Rep.†     | Carter's Depot, Tenn..... | 1875  | 66    |
| 18 Ulysses S. Grant.....    | Point Pleasant, O..... | 1822  | Scotch.            | D. C.....  | 1869         | 47   | Rep.†     | Mt. McGregor, N. Y.....   | 1885  | 63    |
| 19 Rutherford B. Hayes..... | Delaware, O.....       | 1829  | Scotch.....        | O.....     | 1877         | 54   | Rep.†     | Fremont, O.....           | 1893  | 70    |
| 20 James A. Garfield.....   | Cuyahoga Co., O.....   | 1831  | English            | O.....     | 1881         | 49   | Rep.†     | Long Branch, N. J.....    | 1881  | 49    |
| 21 Chester A. Arthur.....   | Fairfield, Vt.....     | 1830  | Scotch-Irish.      | N. Y.....  | 1881         | 51   | Rep.†     | New York City.....        | 1886  | 56    |
| 22 Grover Cleveland.....    | Caldwell, N. J.....    | 1837  | English            | N. Y.....  | 1885         | 48   | Dem...    | .....                     | ..... | ..... |
| 23 Benjamin Harrison.....   | North Bend, O.....     | 1833  | English            | Ind.....   | 1889         | 55   | Rep.†     | .....                     | ..... | ..... |
| 24 Grover Cleveland.....    | Caldwell, N. J.....    | 1837  | English            | N. Y.....  | 1893         | 56   | Dem...    | .....                     | ..... | ..... |
| 25 William McKinley.....    | Niles, O.....          | 1843  | Scotch-Irish.      | O.....     | 1897         | 54   | Rep.†     | .....                     | ..... | ..... |

\* Jackson called himself a South Carolinian and his biographer, Kendall, recorded his birthplace in Lancaster County, S. C. but Parton has published documentary evidence to show that Jackson was born in Union County, N. C. less than a quarter mile from the South Carolina line. † The Democratic party of to-day claims lineal descent from the first Republican party and President Jefferson as its founder. ‡ Political parties were disorganized at the time of the election of John Quincy Adams. He claimed to be a Republican, but his doctrines were decidedly Federalistic. The opposition to his Administration took the name of Democrats and elected Jackson President.

More details of the lives of the Presidents were given in THE WORLD ALMANAC for 1897, pages 116 and 117.

The Presidential Succession.

THE Presidential succession is fixed by chapter 4 of the acts of the Forty-ninth Congress, first session. In case of the removal, death, resignation, or inability of both the President and Vice-President, then the Secretary of State shall act as President until the disability of the President or Vice-President is removed or a President is elected. If there be no Secretary of State, then the Secretary of the Treasury will act; and the remainder of the order of succession is as follows: The Secretary of War, Attorney-General, Postmaster-General, Secretary of the Navy, and Secretary of the Interior. The acting President must, upon taking office, convene Congress, if not at the time in session, in extraordinary session, giving twenty days' notice. This act applies only to such Cabinet officers as shall have been appointed by the advice and consent of the Senate, and are eligible under the Constitution to the Presidency.

Justices of the United States Supreme Court.

(Names of the Chief Justices in italics.)

| NAME.                             | SERVICE.  |        |       |       | NAME.                                | SERVICE.  |        |       |       |
|-----------------------------------|-----------|--------|-------|-------|--------------------------------------|-----------|--------|-------|-------|
|                                   | Term.     | Years. | Born. | Died. |                                      | Term.     | Years. | Born. | Died. |
| <i>John Jay</i> , N. Y.....       | 1789-1795 | 6      | 1745  | 1829  | Samuel Nelson, N. Y.....             | 1845-1872 | 27     | 1792  | 1873  |
| John Rutledge, S. C.....          | 1789-1791 | 2      | 1739  | 1800  | Levi Woodbury, N. H.....             | 1845-1851 | 6      | 1780  | 1851  |
| William Cushing, Mass.....        | 1789-1810 | 21     | 1733  | 1810  | Robert C. Grier, Pa.....             | 1846-1870 | 23     | 1794  | 1870  |
| James Wilson, Pa.....             | 1789-1798 | 9      | 1742  | 1798  | Benj. R. Curtis, Mass.....           | 1851-1857 | 6      | 1800  | 1874  |
| John Blair, Va.....               | 1789-1796 | 7      | 1732  | 1800  | Nathan Clifford, Me.....             | 1853-1861 | 8      | 1811  | 1889  |
| Robert H. Harrison, Md.....       | 1789-1790 | 1      | 1745  | 1790  | Nathan Clifford, Me.....             | 1858-1881 | 23     | 1803  | 1881  |
| James Iredell, N. C.....          | 1789-1793 | 4      | 1751  | 1799  | Noah H. Swayne, Ohio.....            | 1861-1881 | 20     | 1801  | 1884  |
| Thomas Johnson, Md.....           | 1791-1793 | 2      | 1732  | 1819  | Samuel F. Miller, Iowa.....          | 1862-1890 | 28     | 1816  | 1890  |
| William Paterson, N. J.....       | 1793-1806 | 13     | 1745  | 1806  | David Davis, Ill.....                | 1862-1877 | 15     | 1815  | 1885  |
| <i>John Rutledge</i> , S. C.....  | 1793-1795 | 2      | 1739  | 1800  | Stephen J. Field, Cal.....           | 1863-1897 | 34     | 1816  | 1899  |
| Samuel Chase, Md.....             | 1796-1811 | 15     | 1743  | 1811  | <i>Salmon P. Chase</i> , Ohio.....   | 1864-1873 | 9      | 1808  | 1873  |
| <i>Oliver Ellsworth</i> , Ct..... | 1796-1800 | 4      | 1745  | 1807  | William Strong, Pa.....              | 1870-1880 | 10     | 1808  | 1895  |
| Bushrod Washington, Va.           | 1798-1829 | 31     | 1757  | 1829  | Joseph P. Bradley, N. J.....         | 1870-1892 | 22     | 1813  | 1892  |
| Alfred Moore, N. C.....           | 1799-1804 | 5      | 1755  | 1810  | Ward Hunt, N. Y.....                 | 1872-1882 | 10     | 1811  | 1886  |
| <i>John Marshall</i> , Va.....    | 1801-1835 | 34     | 1755  | 1835  | <i>Morrison R. Waite</i> , Ohio..... | 1874-1888 | 14     | 1816  | 1888  |
| William Johnson, S. C.....        | 1804-1833 | 30     | 1771  | 1834  | John M. Harlan, Ky.....              | 1877..... | .....  | 1833  | ..... |
| Brock Livingston, N. Y.....       | 1806-1823 | 17     | 1757  | 1823  | William B. Woods, Ga.....            | 1880-1887 | 7      | 1824  | 1887  |
| Thomas Todd, Ky.....              | 1807-1826 | 19     | 1765  | 1826  | Stanley Matthews, Ohio.....          | 1881-1889 | 8      | 1824  | 1889  |
| Joseph Story, Mass.....           | 1811-1845 | 34     | 1779  | 1845  | Horace Gray, Mass.....               | 1881..... | .....  | 1828  | ..... |
| Gabriel Duval, Md.....            | 1811-1836 | 25     | 1752  | 1844  | Samuel Blatchford, N. Y.....         | 1882-1893 | 11     | 1820  | 1893  |
| Smith Thompson, N. Y.....         | 1823-1843 | 20     | 1767  | 1843  | Lucius Q. C. Lamar, Miss.....        | 1888-1893 | 5      | 1825  | 1893  |
| Robert Trimble, Ky.....           | 1826-1828 | 2      | 1777  | 1828  | <i>Melville W. Fuller</i> , Ill..... | 1888..... | .....  | 1833  | ..... |
| John McLean, Ohio.....            | 1829-1861 | 32     | 1785  | 1861  | David J. Brewer, Kan.....            | 1889..... | .....  | 1837  | ..... |
| Henry Baldwin, Pa.....            | 1830-1844 | 14     | 1779  | 1844  | Henry B. Brown, Mich.....            | 1890..... | .....  | 1836  | ..... |
| James M. Wayne, Ga.....           | 1835-1867 | 32     | 1790  | 1867  | George Shiras, Jr., Pa.....          | 1892..... | .....  | 1832  | ..... |
| <i>Roger B. Taney</i> , Md.....   | 1836-1864 | 28     | 1777  | 1864  | Howell E. Jackson, Tenn.....         | 1893-1895 | 2      | 1832  | 1895  |
| Philip F. Barbour, Va.....        | 1836-1841 | 5      | 1783  | 1841  | Edward D. White, La.....             | 1893..... | .....  | 1845  | ..... |
| John Catron, Tenn.....            | 1837-1865 | 28     | 1786  | 1865  | Rufus W. Peckham, N. Y.....          | 1895..... | .....  | 1837  | ..... |
| John McKinley, Ala.....           | 1837-1852 | 15     | 1780  | 1852  | Joseph McKenna, Cal.....             | 1897..... | .....  | 1843  | ..... |
| Peter V. Daniel, Va.....          | 1841-1860 | 19     | 1785  | 1860  |                                      |           |        |       |       |

Should changes occur in these tables and those on the following four pages while THE ALMANAC is passing through the press, they will be found noted on page 13.



Vice-Presidents of the United States.

| NAME.                        | Birthplace.          | Year. | Paternal Ancestry. | Residence. | Qualified. | Politics. | Place of Death.       | Year. | Age at Death. |
|------------------------------|----------------------|-------|--------------------|------------|------------|-----------|-----------------------|-------|---------------|
| 1 John Adams.....            | Quincy, Mass.        | 1735  | English.....       | Mass..     | 1789       | Fed..     | Quincy, Mass.....     | 1826  | 90            |
| 2 Thomas Jefferson.....      | Shadwell, Va.        | 1743  | Welsh.....         | Va.....    | 1797       | Rep..     | Monticello, Va.....   | 1826  | 83            |
| 2 Aaron Burr.....            | Newark, N. J.        | 1756  | English.....       | N. Y..     | 1801       | Rep..     | Staten Island, N. Y.  | 1836  | 80            |
| 4 George Clinton.....        | Ulster Co., N. Y.    | 1739  | English.....       | N. Y..     | 1805       | Rep..     | Washington, D. C.     | 1812  | 73            |
| 5 Elbridge Gerry.....        | Marblehead, Mass.    | 1744  | English.....       | Mass..     | 1813       | Rep..     | Washington, D. C.     | 1814  | 70            |
| 6 Daniel D. Tompkins.....    | Scarsdale, N. Y.     | 1774  | English.....       | N. Y..     | 1817       | Rep..     | Staten Island, N. Y.  | 1825  | 51            |
| 7 John C. Calhoun.....       | Abbeville, S. C.     | 1782  | Scotch-Irish.      | S. C..     | 1825       | Rep..     | Washington, D. C.     | 1850  | 68            |
| 8 Martin Van Buren.....      | Kinderhook, N. Y.    | 1782  | Dutch.....         | N. Y..     | 1835       | Dem..     | Kinderhook, N. Y.     | 1862  | 79            |
| 9 Richard M. Johnson.....    | Louisville, Ky.      | 1780  | English.....       | Ky.....    | 1837       | Dem..     | Frankfort, Ky.....    | 1859  | 79            |
| 10 John Tyler.....           | Greenway, Va.        | 1790  | English.....       | Va.....    | 1841       | Dem..     | Richmond, Va.....     | 1862  | 72            |
| 11 George M. Dallas.....     | Hiladephia, Pa.      | 1781  | English.....       | Pa.....    | 1845       | Dem..     | Philadelphia, Pa..... | 1864  | 72            |
| 12 Millard Fillmore.....     | Summer Hill, N. C.   | 1800  | English.....       | N. Y..     | 1849       | Whig.     | Buffalo, N. Y.....    | 1874  | 74            |
| 13 William R. King.....      | Sampson Co., N. C.   | 1786  | English.....       | Ala....    | 1853       | Dem..     | Dallas Co., Ala.....  | 1853  | 67            |
| 14 John C. Breckinridge..... | Lexington, Ky.       | 1801  | Scotch.....        | Ky.....    | 1857       | Dem..     | Lexington, Ky.....    | 1875  | 54            |
| 15 Hannibal Hamlin.....      | Paris, Me.           | 1809  | English.....       | Me.....    | 1861       | Rep..     | Bangor, Me.....       | 1891  | 81            |
| 16 Andrew Johnson.....       | Raleigh, N. C.       | 1808  | English.....       | Tenn..     | 1865       | Rep..     | Carter Co., Tenn..    | 1875  | 66            |
| 17 Schuyler Colfax.....      | New York City, N. Y. | 1823  | English.....       | Ind..      | 1869       | Rep..     | Mankato, Minn.        | 1885  | 62            |
| 18 Henry Wilson.....         | Farmington, N. H.    | 1812  | English.....       | Mass..     | 1873       | Rep..     | Washington, D. C.     | 1875  | 63            |
| 19 William A. Wheeler.....   | Malone, N. Y.        | 1819  | English.....       | N. Y..     | 1877       | Rep..     | Malone, N. Y.....     | 1887  | 68            |
| 20 Chester A. Arthur.....    | Fairfield, Vt.       | 1830  | Scotch-Irish.      | N. Y..     | 1881       | Rep..     | New York City, N. Y.  | 1886  | 56            |
| 21 Thos. A. Hendricks.....   | Muskingum Co., O.    | 1819  | Scotch-Irish.      | Ind..      | 1885       | Dem..     | Indianapolis, Ind..   | 1885  | 66            |
| 22 Levi P. Morton.....       | Shoreham, Vt.        | 1824  | Scotch.....        | N. Y..     | 1889       | Rep..     | .....                 | ..... | .....         |
| 23 Adlai E. Stevenson.....   | Christian Co., Ky.   | 1835  | Scotch-Irish.      | Ill..      | 1893       | Dem..     | .....                 | ..... | .....         |
| 24 Garret A. Hobart.....     | Long Branch, N. J.   | 1844  | English.....       | N. J..     | 1897       | Rep..     | .....                 | ..... | .....         |

Presidents pro tempore of the United States Senate.

| Congress. | Years.    | Name.                   | State.  | Born. | Died. | Congress. | Years.  | Name.                    | State.  | Born. | Died. |
|-----------|-----------|-------------------------|---------|-------|-------|-----------|---------|--------------------------|---------|-------|-------|
| 1, 2      | 1789-92   | John Langdon.....       | N. H.   | 1739  | 1819  | 19, 20    | 1826-28 | Nathaniel Macon.....     | N. C.   | 1757  | 1837  |
| 2         | 1792      | Richard H. Lee.....     | Va..... | 1732  | 1794  | 20-22     | 1828-32 | Samuel Smith.....        | Md..... | 1752  | 1859  |
| 2, 3      | 1792-94   | John Langdon.....       | N. H.   | 1739  | 1819  | 22        | 1832    | L. W. Tazewell.....      | Va..... | 1774  | 1860  |
| 3         | 1794-95   | Ralph Izard.....        | S. C.   | 1742  | 1804  | 22, 23    | 1832-34 | Hugh L. White.....       | Vt..... | 1773  | 1840  |
| 3, 4      | 1795-96   | Henry Tazewell.....     | Va..... | 1753  | 1799  | 23        | 1834-35 | Geo. Poindexter.....     | Miss.   | 1779  | 1853  |
| 4         | 1796-97   | Samuel Livermore.....   | N. H.   | 1732  | 1803  | 24        | 1835-36 | John Tyler.....          | Va..... | 1790  | 1862  |
| 4, 5      | 1797      | William Bingham.....    | Pa..... | 1751  | 1804  | 24-26     | 1836-41 | William R. King.....     | Ala.... | 1786  | 1853  |
| 5         | 1797      | William Bradford.....   | R. I.   | 1739  | 1808  | 26, 27    | 1841-42 | Saml. L. Southard.....   | N. J..  | 1787  | 1842  |
| 5         | 1797-98   | Jacob Read.....         | S. C.   | 1752  | 1816  | 27-29     | 1842-46 | W. P. Mangum.....        | N. C.   | 1792  | 1861  |
| 5         | 1798      | Theo. Sedgwick.....     | Mass.   | 1746  | 1813  | 29, 30    | 1846-49 | D. R. Atchison.....      | Mo..... | 1807  | 1886  |
| 5         | 1798-99   | John Laurence.....      | N. Y..  | 1750  | 1810  | 31, 32    | 1850-52 | William R. King.....     | Ala.... | 1786  | 1853  |
| 5         | 1799      | James Ross.....         | Pa..... | 1762  | 1847  | 32, 33    | 1852-54 | D. R. Atchison.....      | Mo..... | 1807  | 1886  |
| 6         | 1799-1800 | Samuel Livermore.....   | N. H.   | 1732  | 1803  | 33, 34    | 1854-57 | Jesse D. Bright.....     | Ind..   | 1812  | 1875  |
| 6         | 1800      | Uriah Tracy.....        | Ct..... | 1755  | 1807  | 34        | 1857    | James M. Mason.....      | Va..... | 1798  | 1871  |
| 6         | 1800-1801 | John E. Howard.....     | Md..... | 1752  | 1827  | 35, 36    | 1857-61 | Benj. Fitzpatrick.....   | Ala.... | 1802  | 1869  |
| 6         | 1801      | James Hillhouse.....    | Co.     | 1749  | 1822  | 36-38     | 1861-64 | Solomon Foot.....        | Vt..... | 1802  | 1868  |
| 7         | 1801-02   | Abraham Baldwin.....    | Ga..... | 1754  | 1807  | 38        | 1864-65 | Daniel Clark.....        | N. H.   | 1809  | 1891  |
| 7         | 1802-03   | Stephen R. Bradley..... | Vt..... | 1754  | 1830  | 39        | 1865-67 | Lafayette S. Foster..... | Ct..... | 1806  | 1880  |
| 8         | 1803-04   | John Brown.....         | Ky..... | 1757  | 1837  | 40        | 1867-69 | Benj. F. Wade.....       | Ohio.   | 1800  | 1878  |
| 8         | 1804-05   | Jesse Franklin.....     | N. C.   | 1758  | 1823  | 41, 42    | 1869-73 | Henry B. Anthony.....    | R. I..  | 1815  | 1884  |
| 8         | 1805      | Joseph Anderson.....    | Tenn.   | 1757  | 1837  | 43        | 1873-75 | M. H. Carpenter.....     | Wis..   | 1824  | 1881  |
| 9, 10     | 1805-08   | Samuel Smith.....       | Md..... | 1752  | 1839  | 44, 45    | 1875-79 | Thomas W. Ferry.....     | Mich.   | 1827  | 1896  |
| 10        | 1808-09   | Stephen R. Bradley..... | Vt..... | 1754  | 1830  | 46        | 1879-81 | A. G. Thurman.....       | Ohio.   | 1813  | 1895  |
| 10, 11    | 1809      | John Millledge.....     | Ga..... | 1757  | 1818  | 47        | 1881    | Thomas F. Bayard.....    | Del..   | 1828  | 1898  |
| 11        | 1809-10   | Andrew Gregg.....       | Pa..... | 1755  | 1835  | 47        | 1881-83 | David Davis.....         | Ill..   | 1815  | 1886  |
| 11, 12    | 1810-11   | John Gaillard.....      | S. C.   | ..... | 1826  | 48        | 1883-85 | Geo. F. Edmunds.....     | Vt..... | 1828  | ..... |
| 11, 12    | 1811-12   | John Pope.....          | Ky..... | 1770  | 1845  | 49        | 1885-87 | John Sherman.....        | Ohio.   | 1823  | ..... |
| 12, 13    | 1812-13   | Wm. H. Crawford.....    | Ga..... | 1751  | 1829  | 49-51     | 1887-91 | John J. Ingalls.....     | Kan.    | 1837  | ..... |
| 13        | 1813-14   | Jos. B. Varnum.....     | N. Y..  | 1750  | 1821  | 51        | 1891-93 | J. F. Marrison.....      | Veb.    | 1833  | ..... |
| 13-15     | 1814-18   | John Gaillard.....      | S. C.   | ..... | 1826  | 53        | 1893-95 | Isham G. Harris.....     | Tenn.   | 1818  | 1897  |
| 15, 16    | 1818-19   | James Barbour.....      | Va..... | 1775  | 1842  | 54-55     | 1895-   | William P. Frye.....     | Me..... | 1831  | ..... |
| 16-19     | 1820-26   | John Gaillard.....      | S. C.   | ..... | 1826  | .....     | .....   | .....                    | .....   | ..... | ..... |

Speakers of the U. S. House of Representatives.

| Congress. | Years.    | Name.                  | State.  | Born. | Died. | Congress. | Years.  | Name.                   | State.  | Born. | Died. |
|-----------|-----------|------------------------|---------|-------|-------|-----------|---------|-------------------------|---------|-------|-------|
| 1         | 1789-91   | F. A. Muhlenberg.....  | Pa..... | 1750  | 1801  | 28        | 1843-45 | John W. Jones.....      | Va..... | 1805  | 1848  |
| 2         | 1791-93   | Jonathan Trumbull..... | Ct..... | 1740  | 1809  | 29        | 1845-47 | John W. Davis.....      | Ind..   | 1799  | 1850  |
| 3         | 1793-95   | F. A. Muhlenberg.....  | Pa..... | 1750  | 1801  | 30        | 1847-49 | Robert C. Winthrop..... | Mass..  | 1809  | 1894  |
| 4, 5      | 1795-99   | Jonathan Dayton.....   | N. J..  | 1760  | 1824  | 31        | 1849-51 | Howell Cobb.....        | Ga..... | 1815  | 1868  |
| 6         | 1799-1801 | Theo. Sedgwick.....    | Mass.   | 1746  | 1813  | 32, 33    | 1851-55 | Linn Boyd.....          | Ky..... | 1800  | 1879  |
| 7-9       | 1801-07   | Nathaniel Macon.....   | N. C.   | 1757  | 1837  | 34        | 1855-57 | Nathaniel P. Banks..... | Mass..  | 1816  | 1894  |
| 10, 11    | 1807-11   | Henry B. Varnum.....   | Mass.   | 1750  | 1821  | 35        | 1857-59 | James L. Orr.....       | S. C.   | 1822  | 1873  |
| 12, 13    | 1811-14   | Joseph Clay.....       | Kv..... | 1777  | 1825  | 36        | 1859-61 | Wm. Pennington.....     | N. J..  | 1796  | 1862  |
| 13        | 1814-15   | Langdon Cheves.....    | S. C.   | 1776  | 1857  | 37        | 1861-63 | Galusha A. Grow.....    | Pa..... | 1822  | ..... |
| 14-16     | 1815-20   | Henry Clay.....        | Ky..... | 1777  | 1852  | 38-40     | 1863-69 | Schuyler Colfax.....    | Ind..   | 1823  | 1885  |
| 16        | 1820-21   | John W. Taylor.....    | N. Y..  | 1754  | 1854  | 41-42     | 1869-75 | James G. Blaine.....    | Me..... | 1830  | 1893  |
| 17        | 1821-23   | Philip P. Barbour..... | Va..... | 1783  | 1841  | 44        | 1875-76 | Michael C. Kerr.....    | Ind..   | 1827  | 1876  |
| 18        | 1823-25   | Henry Clay.....        | Ky..... | 1777  | 1852  | 44-46     | 1876-81 | Samuel J. Randall.....  | Pa..... | 1828  | 1890  |
| 19        | 1825-27   | John W. Taylor.....    | N. Y..  | 1784  | 1854  | 47        | 1881-83 | John W. Keifer.....     | Ohio.   | 1836  | ..... |
| 20-23     | 1827-34   | Andrew Stevenson.....  | Va..... | 1784  | 1857  | 48-50     | 1883-89 | John G. Carlisle.....   | Ky..... | 1835  | ..... |
| 23        | 1834-35   | John Bell.....         | Tenn.   | 1797  | 1869  | 51        | 1889-91 | Thomas B. Reed.....     | Me..... | 1839  | ..... |
| 24, 25    | 1835-39   | James K. Polk.....     | Tenn.   | 1795  | 1849  | 52, 53    | 1891-95 | Charles F. Crisp.....   | Ga..... | 1845  | 1896  |
| 26        | 1839-41   | R. M. T. Hunter.....   | Va..... | 1809  | 1887  | 54, 55    | 1895-99 | Thomas B. Reed.....     | Me..... | 1839  | ..... |
| 27        | 1841-43   | John White.....        | Ky..... | 1805  | 1845  | 56        | 1899-   | David B. Henderson..... | La..... | 1840  | ..... |

# Presidential Cabinet Officers.\*

## SECRETARIES OF STATE.

| PRESIDENTS.      | Cabinet Officers.      | Residences.    | Date of Appointment. | PRESIDENTS.    | Cabinet Officers.        | Residences. | Date of Appointment. |
|------------------|------------------------|----------------|----------------------|----------------|--------------------------|-------------|----------------------|
| Washington       | Thomas Jefferson.....  | Va.....        | 1789                 | Taylor.....    | John M. Clayton.....     | Del.....    | 1849                 |
| "                | Edmund Randolph.....   | ".....         | 1794                 | Fillmore.....  | Daniel Webster.....      | Mass.....   | 1850                 |
| "                | Timothy Pickering..... | Mass.....      | 1795                 | "              | Edward Everett.....      | ".....      | 1852                 |
| Adams.....       | John Marshall.....     | Va.....        | 1797                 | Pierce.....    | William L. Marcy.....    | N. Y.....   | 1853                 |
| "                | James Madison.....     | ".....         | 1800                 | Buchanan.....  | Lewis Cass.....          | Mich.....   | 1857                 |
| Jefferson.....   | Robert Smith.....      | Md.....        | 1801                 | "              | Jeremiah S. Black.....   | Pa.....     | 1860                 |
| Madison.....     | James Monroe.....      | Va.....        | 1809                 | Lincoln.....   | William H. Seward.....   | N. Y.....   | 1861                 |
| "                | John Quincy Adams..... | Va.....        | 1811                 | Johnson.....   | Elihu B. Washburn.....   | N. Y.....   | 1865                 |
| Monroe.....      | Henry Clay.....        | Mass.....      | 1817                 | Grant.....     | Hamilton Fish.....       | Ill.....    | 1869                 |
| J. Q. Adams..... | Martin Van Buren.....  | Ky.....        | 1825                 | "              | William M. Everts.....   | N. Y.....   | 1869                 |
| Jackson.....     | Edward Livingston..... | N. Y.....      | 1829                 | Hayes.....     | James G. Blaine.....     | ".....      | 1877                 |
| "                | Louis McLane.....      | La.....        | 1831                 | Garfield.....  | F. T. Frelinghuysen..... | Me.....     | 1881                 |
| "                | John Forsyth.....      | Del.....       | 1833                 | Arthur.....    | Thomas F. Bayard.....    | N. J.....   | 1881                 |
| "                | Daniel Webster.....    | Ga.....        | 1834                 | Cleveland..... | James G. Blaine.....     | Del.....    | 1885                 |
| Van Buren.....   | Hugh S. Legaré.....    | ".....         | 1837                 | Harrison.....  | John W. Foster.....      | Me.....     | 1889                 |
| Harrison.....    | Abel P. Upshur.....    | Mass.....      | 1841                 | "              | Richard Olney.....       | Ind.....    | 1892                 |
| Tyler.....       | John C. Calhoun.....   | Cleveland..... | 1841                 | "              | Walter Q. Gresham.....   | Ill.....    | 1893                 |
| "                | James Buchanan.....    | S. C.....      | 1843                 | McKinley.....  | John Sherman.....        | Mass.....   | 1895                 |
| "                | ".....                 | Va.....        | 1843                 | "              | William R. Day.....      | Ohio.....   | 1897                 |
| Polk.....        | ".....                 | S. C.....      | 1844                 | "              | John Hay.....            | Ohio.....   | 1897                 |
| "                | ".....                 | Pa.....        | 1845                 | "              | ".....                   | Ohio.....   | 1898                 |

## SECRETARIES OF THE TREASURY.

|                  |                          |           |      |                |                           |           |      |
|------------------|--------------------------|-----------|------|----------------|---------------------------|-----------|------|
| Washington       | Alexander Hamilton.....  | N. Y..... | 1789 | Fillmore.....  | Thomas Corwin.....        | Ohio..... | 1850 |
| "                | Oliver Wolcott.....      | Ct.....   | 1795 | Pierce.....    | James Guthrie.....        | Ky.....   | 1853 |
| Adams.....       | Samuel Dexter.....       | Mass..... | 1797 | Buchanan.....  | Howell Cobb.....          | Ga.....   | 1857 |
| "                | Albert Gallatin.....     | Pa.....   | 1801 | "              | Philip F. Thomas.....     | Md.....   | 1860 |
| Jefferson.....   | George W. Campbell.....  | Pa.....   | 1801 | Lincoln.....   | John A. Dix.....          | N. Y..... | 1861 |
| "                | Alexander J. Dallas..... | Tenn..... | 1809 | "              | Salmon P. Chase.....      | Ohio..... | 1861 |
| Madison.....     | William H. Crawford..... | Pa.....   | 1814 | "              | William P. Fessenden..... | Me.....   | 1864 |
| "                | Richard Rush.....        | Ga.....   | 1816 | Johnson.....   | Hugh McCulloch.....       | Ind.....  | 1865 |
| Monroe.....      | Samuel D. Ingham.....    | Pa.....   | 1817 | Grant.....     | George S. Boutwell.....   | Mass..... | 1869 |
| J. Q. Adams..... | Louis McLane.....        | Pa.....   | 1825 | "              | Wm. A. Richardson.....    | ".....    | 1873 |
| Jackson.....     | William J. Duane.....    | Pa.....   | 1829 | "              | Benjamin H. Bristol.....  | Ky.....   | 1874 |
| "                | Roger B. Taney.....      | Del.....  | 1831 | "              | Lot M. Morrill.....       | Me.....   | 1876 |
| "                | Levi Woodbury.....       | Pa.....   | 1833 | Hayes.....     | John Sherman.....         | Ohio..... | 1877 |
| "                | Thomas Ewing.....        | Md.....   | 1834 | Garfield.....  | William Windom.....       | Minn..... | 1881 |
| Van Buren.....   | Walter Forward.....      | N. H..... | 1837 | Arthur.....    | Charles J. Folger.....    | N. Y..... | 1881 |
| Harrison.....    | John C. Spencer.....     | Ohio..... | 1841 | "              | Walter Q. Gresham.....    | Ind.....  | 1884 |
| Tyler.....       | George M. Bibb.....      | Pa.....   | 1841 | Cleveland..... | Hugh McCulloch.....       | ".....    | 1884 |
| "                | Robert J. Walker.....    | Ohio..... | 1841 | "              | Daniel Manning.....       | N. Y..... | 1885 |
| "                | William M. Meredith..... | Pa.....   | 1843 | Harrison.....  | Charles S. Fairchild..... | ".....    | 1887 |
| "                | ".....                   | N. Y..... | 1843 | "              | William Windom.....       | Minn..... | 1889 |
| Polk.....        | ".....                   | Ky.....   | 1844 | "              | Charles Foster.....       | Ohio..... | 1891 |
| Taylor.....      | ".....                   | Miss..... | 1845 | Cleveland..... | John G. Carlisle.....     | Ky.....   | 1893 |
| "                | ".....                   | Pa.....   | 1849 | McKinley.....  | Lyman J. Gage.....        | Ill.....  | 1897 |

## SECRETARIES OF WAR.

|                  |                            |           |      |                |                            |            |        |
|------------------|----------------------------|-----------|------|----------------|----------------------------|------------|--------|
| Washington       | Henry Knox.....            | Mass..... | 1789 | Taylor.....    | George W. Crawford.....    | Ga.....    | 1849   |
| "                | Timothy Pickering.....     | ".....    | 1795 | "              | Edward Bates.....          | Mo.....    | 1850   |
| "                | James McHenry.....         | Md.....   | 1796 | Fillmore.....  | Charles M. Conrad.....     | La.....    | 1850   |
| Adams.....       | John Marshall.....         | Mass..... | 1797 | Pierce.....    | Jefferson Davis.....       | Miss.....  | 1853   |
| "                | Samuel Dexter.....         | Va.....   | 1800 | Buchanan.....  | John B. Floyd.....         | Va.....    | 1857   |
| "                | Roger Griswold.....        | Mass..... | 1800 | "              | Joseph Holt.....           | Ky.....    | 1861   |
| Jefferson.....   | Henry Dearborn.....        | Cl.....   | 1801 | Lincoln.....   | Simon Cameron.....         | Pa.....    | 1861   |
| Madison.....     | William Eustis.....        | Mass..... | 1801 | "              | Edwin M. Stanton.....      | Ohio.....  | 1862   |
| "                | John Armstrong.....        | ".....    | 1809 | Johnson.....   | U. S. Grant (ad. in.)..... | Ohio.....  | 1865   |
| "                | James Monroe.....          | N. Y..... | 1813 | "              | Lor. Thomas (ad. in.)..... | Ill.....   | 1867   |
| "                | William H. Crawford.....   | Va.....   | 1814 | "              | John M. Schofield.....     | N. Y.....  | 1868   |
| Monroe.....      | Isaac Shelby.....          | Ga.....   | 1815 | Grant.....     | John A. Rawlins.....       | Ill.....   | 1869   |
| "                | Geo. Graham (ad. in.)..... | Ky.....   | 1817 | "              | William T. Sherman.....    | Ohio.....  | 1869   |
| "                | John C. Calhoun.....       | Va.....   | 1817 | "              | William W. Belknap.....    | Ohio.....  | 1869   |
| J. Q. Adams..... | James Barbour.....         | S. C..... | 1825 | "              | Alphonso Taft.....         | Ohio.....  | 1876   |
| "                | Peter B. Porter.....       | N. Y..... | 1828 | "              | James Don Cameron.....     | Pa.....    | 1876   |
| Jackson.....     | John H. Eaton.....         | N. Y..... | 1829 | Hayes.....     | George W. McCrary.....     | Pa.....    | 1877   |
| "                | Lewis Cass.....            | Tenn..... | 1831 | "              | Alexander Ramsey.....      | Ia.....    | 1879   |
| "                | Benjamin F. Butler.....    | Ohio..... | 1837 | Garfield.....  | Robert T. Lincoln.....     | Minn.....  | 1879   |
| Van Buren.....   | Joel R. Poinsett.....      | Ohio..... | 1837 | Arthur.....    | William C. Endicott.....   | Ill.....   | 1881   |
| Harrison.....    | John Bell.....             | S. C..... | 1841 | Cleveland..... | Redfield Proctor.....      | Mass.....  | 1885   |
| Tyler.....       | John McLean.....           | Tenn..... | 1841 | Harrison.....  | Stephen B. Elkins.....     | Vt.....    | 1889   |
| "                | John C. Spencer.....       | Ohio..... | 1841 | "              | Daniel S. Lamont.....      | W. Va..... | 1891   |
| "                | James M. Porter.....       | N. Y..... | 1841 | Cleveland..... | Russel A. Alger.....       | N. Y.....  | 1893   |
| "                | William Wilkins.....       | Pa.....   | 1843 | McKinley.....  | Elihu Root.....            | Mich.....  | 1897   |
| Polk.....        | William L. Marcy.....      | Pa.....   | 1844 | "              | ".....                     | N. Y.....  | 1899   |
| "                | ".....                     | N. Y..... | 1845 | "              | ".....                     | ".....     | "..... |

\* Should changes occur while THE ALMANAC is passing through the press they will be found noted on page 13.

SECRETARIES OF THE INTERIOR.

| PRESIDENTS.   | Cabinet Officers.           | Residences. | Date of Appointment. | PRESIDENTS.    | Cabinet Officers.       | Residences. | Date of Appointment. |
|---------------|-----------------------------|-------------|----------------------|----------------|-------------------------|-------------|----------------------|
| Taylor.....   | Thomas Ewing.....           | Ohio ...    | 1849                 | Grant.....     | Columbus Delano.....    | Ohio ...    | 1870                 |
| Fillmore..... | James A. Pearce.....        | Md.....     | 1850                 | Hayes.....     | Zachariah Chandler..... | Mich.....   | 1875                 |
| ".....        | Thos. M. T. McKernon.....   | Pa.....     | 1850                 | Garfield.....  | Carl Schurz.....        | Mo.....     | 1877                 |
| ".....        | Alexander H. H. Stuart..... | Va.....     | 1850                 | Arthur.....    | Samuel J. Kirkwood..... | Iowa.....   | 1881                 |
| Pierce.....   | Robert McClelland.....      | Mich.....   | 1853                 | Cleveland..... | Henry M. Teller.....    | Colo.....   | 1882                 |
| Buchanan..... | Jacob Thompson.....         | Miss.....   | 1857                 | ".....         | Lucius Q. C. Lamar..... | Miss.....   | 1885                 |
| Lincoln.....  | Caleb B. Smith.....         | Ind.....    | 1861                 | ".....         | William F. Vilas.....   | Wis.....    | 1888                 |
| ".....        | John P. Usher.....          | ".....      | 1863                 | Harrison.....  | John W. Noble.....      | Mo.....     | 1889                 |
| Johnson.....  | ".....                      | ".....      | 1865                 | Cleveland..... | Hoke Smith.....         | Ga.....     | 1893                 |
| ".....        | James Harlan.....           | Iowa.....   | 1865                 | ".....         | David R. Francis.....   | Mo.....     | 1896                 |
| ".....        | Orville H. Browning.....    | Ill.....    | 1866                 | McKinley.....  | Cornelius N. Bliss..... | N. Y.....   | 1897                 |
| Grant.....    | Jacob D. Cox.....           | Ohio.....   | 1869                 | ".....         | Ethan A. Hitchcock..... | Mo.....     | 1896                 |

SECRETARIES OF THE NAVY.

|                  |                           |           |      |                |                          |            |      |
|------------------|---------------------------|-----------|------|----------------|--------------------------|------------|------|
| Adams.....       | George Cabot*.....        | Mass..... | 1798 | Tyler.....     | Thomas W. Gilmer.....    | Va.....    | 1844 |
| Jefferson.....   | Benjamin Stoddert.....    | Md.....   | 1798 | Polk.....      | John Y. Mason.....       | ".....     | 1844 |
| ".....           | Robert Smith.....         | ".....    | 1801 | ".....         | George Bancroft.....     | Mass.....  | 1845 |
| ".....           | Robert Crowninshield..... | Mass..... | 1805 | Taylor.....    | John Y. Mason.....       | Va.....    | 1846 |
| Madison.....     | Paul Hamilton.....        | S. C..... | 1809 | Fillmore.....  | William B. Preston.....  | ".....     | 1849 |
| ".....           | William Jones.....        | Pa.....   | 1813 | ".....         | William A. Graham.....   | N. C.....  | 1850 |
| ".....           | B. W. Crowninshield.....  | Mass..... | 1814 | Pierce.....    | John P. Kennedy.....     | Md.....    | 1852 |
| Monroe.....      | Smith Thompson.....       | N. Y..... | 1818 | Buchanan.....  | James C. Dobbin.....     | N. C.....  | 1853 |
| ".....           | Samuel L. Southard.....   | N. J..... | 1823 | Lincoln.....   | Isaac Toucey.....        | Ct.....    | 1857 |
| ".....           | ".....                    | ".....    | 1825 | Johnson.....   | Gideon Welles.....       | ".....     | 1861 |
| J. Q. Adams..... | John Branch.....          | N. C..... | 1829 | Grant.....     | Adolph E. Borie.....     | Pa.....    | 1869 |
| Jackson.....     | Levi Woodbury.....        | N. H..... | 1831 | ".....         | George M. Robeson.....   | N. J.....  | 1869 |
| ".....           | Mahlon Dickerson.....     | N. J..... | 1834 | Hayes.....     | Richard W. Thompson..... | Ind.....   | 1877 |
| ".....           | ".....                    | ".....    | 1837 | ".....         | Nathan Goff, Jr.....     | W. Va..... | 1881 |
| Van Buren.....   | James K. Paulding.....    | N. Y..... | 1838 | Garfield.....  | William H. Hunt.....     | La.....    | 1881 |
| Harrison.....    | George E. Badger.....     | N. C..... | 1841 | Arthur.....    | William E. Chandler..... | N. H.....  | 1882 |
| Tyler.....       | Abel P. Upshur.....       | Va.....   | 1841 | Cleveland..... | William C. Whitney.....  | N. Y.....  | 1885 |
| ".....           | David Henshaw.....        | Mass..... | 1843 | Harrison.....  | Benjamin F. Tracy.....   | ".....     | 1889 |
| ".....           | ".....                    | ".....    | 1841 | Cleveland..... | Hilary A. Herbert.....   | Ala.....   | 1893 |
| ".....           | ".....                    | ".....    | 1843 | McKinley.....  | John D. Long.....        | Mass.....  | 1897 |

\*Appointed by the President and confirmed by the Senate, but did not act.

SECRETARIES OF AGRICULTURE.

|               |                       |          |      |               |                         |           |      |
|---------------|-----------------------|----------|------|---------------|-------------------------|-----------|------|
| Cleveland ... | Norman J. Colman..... | Mo.....  | 1889 | Cleveland ... | J. Sterling Morton..... | Neb.....  | 1893 |
| Harrison ...  | Jeremiah M. Rusk..... | Wis..... | 1889 | McKinley ...  | James Wilson.....       | Iowa..... | 1897 |

POSTMASTERS-GENERAL.\*

|                  |                           |           |      |                |                           |            |      |
|------------------|---------------------------|-----------|------|----------------|---------------------------|------------|------|
| Washington       | Samuel Osgood.....        | Mass..... | 1789 | Buchanan ...   | Joseph Holt.....          | Ky.....    | 1859 |
| ".....           | Timothy Pickering.....    | ".....    | 1791 | ".....         | Horatio King.....         | Me.....    | 1861 |
| ".....           | Joseph Habersham.....     | Ga.....   | 1795 | Lincoln.....   | Montgomery Blair.....     | Md.....    | 1861 |
| Adams.....       | ".....                    | ".....    | 1797 | ".....         | William Dennison.....     | Ohio.....  | 1864 |
| Jefferson.....   | Gideon Granger.....       | Ct.....   | 1801 | Johnson.....   | Alexander W. Randall..... | Wis.....   | 1865 |
| ".....           | ".....                    | ".....    | 1809 | Grant.....     | John A. J. Cresswell..... | Md.....    | 1869 |
| Madison.....     | Return J. Meigs, Jr.....  | Ohio..... | 1814 | ".....         | James W. Marshall.....    | Va.....    | 1874 |
| ".....           | ".....                    | ".....    | 1817 | ".....         | Marshall Jewell.....      | Ct.....    | 1874 |
| Monroe.....      | John McLean.....          | ".....    | 1823 | Hayes.....     | James N. Tyner.....       | Ind.....   | 1876 |
| ".....           | ".....                    | ".....    | 1825 | ".....         | David McK. Key.....       | Tenn.....  | 1877 |
| J. Q. Adams..... | William T. Barry.....     | Ky.....   | 1829 | ".....         | Horace Maynard.....       | ".....     | 1880 |
| Jackson.....     | Amos Kendall.....         | ".....    | 1835 | Garfield.....  | Thomas L. James.....      | N. Y.....  | 1881 |
| ".....           | ".....                    | ".....    | 1837 | Arthur.....    | Timothy O. Howe.....      | Wis.....   | 1881 |
| Van Buren.....   | John M. Niles.....        | Ct.....   | 1840 | ".....         | Walter Q. Gresham.....    | Ind.....   | 1883 |
| ".....           | Francis Granger.....      | N. Y..... | 1841 | Cleveland..... | Frank Hatton.....         | Iowa.....  | 1884 |
| Harrison.....    | ".....                    | ".....    | 1841 | ".....         | William F. Vilas.....     | Wis.....   | 1885 |
| Tyler.....       | Charles A. Wickliffe..... | Ky.....   | 1841 | Harrison.....  | Don M. Dickinson.....     | Mich.....  | 1888 |
| ".....           | Cave Johnson.....         | Tenn..... | 1845 | Cleveland..... | John Wanamaker.....       | Pa.....    | 1889 |
| Polk.....        | Jacob Collamer.....       | Vt.....   | 1849 | ".....         | Wilson S. Bissell.....    | N. Y.....  | 1893 |
| Taylor.....      | Nathan K. Hall.....       | N. Y..... | 1850 | McKinley.....  | William L. Wilson.....    | W. Va..... | 1895 |
| Fillmore.....    | Samuel D. Hubbard.....    | Ct.....   | 1852 | ".....         | James A. Gary.....        | Md.....    | 1897 |
| ".....           | James Campbell.....       | Pa.....   | 1853 | ".....         | Charles Emory Smith.....  | Pa.....    | 1898 |
| Pierce.....      | Aaron V. Brown.....       | Tenn..... | 1857 |                |                           |            |      |

\*The Postmaster-General was not considered a Cabinet officer until 1829.

ATTORNEYS-GENERAL.

|                |                         |           |      |                |                         |           |      |
|----------------|-------------------------|-----------|------|----------------|-------------------------|-----------|------|
| Washington     | Edmund Randolph.....    | Va.....   | 1789 | Madison.....   | Richard Rush.....       | Pa.....   | 1814 |
| ".....         | William Bradford.....   | Pa.....   | 1794 | Monroe.....    | ".....                  | ".....    | 1817 |
| ".....         | Charles Lee.....        | Va.....   | 1795 | ".....         | William Wirt.....       | Va.....   | 1817 |
| Adams.....     | ".....                  | ".....    | 1797 | J. Q. Adams    | ".....                  | ".....    | 1825 |
| Jefferson..... | Theophilus Parsons..... | Mass..... | 1801 | Jackson.....   | John McP. Berrien.....  | Ga.....   | 1829 |
| ".....         | Levi Lincoln.....       | ".....    | 1801 | ".....         | Roger B. Taney.....     | Md.....   | 1831 |
| ".....         | Robert Smith.....       | Md.....   | 1805 | ".....         | Benjamin F. Butler..... | N. Y..... | 1833 |
| ".....         | John Breckinridge.....  | Ky.....   | 1805 | Van Buren..... | ".....                  | ".....    | 1837 |
| ".....         | Cesar A. Rodney.....    | Del.....  | 1807 | ".....         | Felix Grundy.....       | Tenn..... | 1838 |
| Madison.....   | ".....                  | ".....    | 1809 | Harrison.....  | Henry D. Gilpin.....    | Pa.....   | 1840 |
| ".....         | William Pinkney.....    | Md.....   | 1811 | ".....         | John J. Crittenden..... | Ky.....   | 1841 |

ATTORNEYS-GENERAL—Continued.

| PRESIDENTS.    | Cabinet Officers.             | Residences. | Date of Appointment. | PRESIDENTS.     | Cabinet Officers.         | Residences. | Date of Appointment. |
|----------------|-------------------------------|-------------|----------------------|-----------------|---------------------------|-------------|----------------------|
| Tyler .....    | John J. Crittenden.....       | Ky .....    | 1841                 | Johnson .....   | William M. Evarts.....    | N. Y. ....  | 1868                 |
| " .....        | Hugh S. Legare.....           | S. C. ....  | 1841                 | Grant .....     | Ebenezer R. Hoar.....     | Mass. ....  | 1869                 |
| " .....        | John Nelson.....              | Md. ....    | 1843                 | " .....         | Amos T. Ackerman.....     | Ga .....    | 1870                 |
| Polk .....     | John Y. Mason.....            | Va .....    | 1845                 | " .....         | George H. Williams.....   | Or .....    | 1871                 |
| " .....        | Nathan Clifford.....          | Me.....     | 1846                 | " .....         | Edwards Pierrepont.....   | N. Y. ....  | 1875                 |
| " .....        | Isaac Toucey.....             | Ct.....     | 1848                 | " .....         | Alphonso Taft.....        | Ohio .....  | 1876                 |
| Taylor.....    | Reverdy Johnson.....          | Md.....     | 1849                 | Hayes .....     | Charles Devens.....       | Mass.....   | 1877                 |
| Fillmore ..... | John J. Crittenden.....       | Ky .....    | 1850                 | Garfield .....  | Wayne MacVeagh.....       | Pa .....    | 1881                 |
| Pierce .....   | Caleb Cushing.....            | Mass.....   | 1853                 | Arthur .....    | Benjamin H. Brewster..... | " .....     | 1881                 |
| Buchanan ..... | Jeremiah S. Black.....        | Pa .....    | 1857                 | Cleveland ..... | Augustus H. Garland.....  | Ark.....    | 1885                 |
| " .....        | Edwin M. Stanton.....         | Ohio .....  | 1860                 | Harrison .....  | William H. H. Miller..... | Ind.....    | 1889                 |
| Lincoln .....  | Edward Bates.....             | Mo.....     | 1861                 | Cleveland ..... | Richard Olney.....        | Mass.....   | 1893                 |
| " .....        | Titian J. Coffey (ad. in.) .. | Pa .....    | 1863                 | " .....         | Judson Harmon.....        | Ohio .....  | 1895                 |
| " .....        | James Speed.....              | Ky .....    | 1864                 | McKinley .....  | Joseph McKenna.....       | Cal.....    | 1897                 |
| Johnson .....  | James Speed.....              | Ky .....    | 1865                 | " .....         | John W. Griggs.....       | N. J. ....  | 1897                 |
| " .....        | Henry Stanbery.....           | Ohio .....  | 1866                 |                 |                           |             |                      |

NOTE.—Since the foundation of the Government, the individual States have been represented the following number of times in Cabinet positions: Massachusetts, 30; New York, 30; Pennsylvania, 26; Virginia, 22; Ohio, 22; Maryland, 16; Kentucky, 15; Connecticut, 9; Indiana, 9; Georgia, 8; Tennessee, 8; Illinois, 7; Missouri, 7; Maine, 6; South Carolina, 6; Delaware, 5; Wisconsin, 5; Michigan, 5; New Jersey, 5; Mississippi, 4; North Carolina, 4; Iowa, 4; Louisiana, 3; Minnesota, 3; New Hampshire, 3; West Virginia, 3; Vermont, 2; Alabama, 1; Arkansas, 1; Colorado, 1; Nebraska, 1; California, 1; Oregon, 1. The States which have not been represented in the Cabinet are: Florida, Idaho, Kansas, Montana, Nevada, North Dakota, Rhode Island, South Dakota, Texas, Washington, Wyoming.

Diplomatic Intercourse.

UNITED STATES MINISTERS ACCREDITED TO PRINCIPAL EUROPEAN COUNTRIES, AND MINISTERS FROM THOSE COUNTRIES TO THE UNITED STATES.

ALL representatives not otherwise designated bore the title of minister plenipotentiary or envoy extraordinary or both.

GREAT BRITAIN.

UNITED STATES MINISTERS TO GREAT BRITAIN.

| PRESIDENTS.       | Ministers.                       | States.    | Date.* | PRESIDENTS.     | Ministers.                     | States.    | Date.* |
|-------------------|----------------------------------|------------|--------|-----------------|--------------------------------|------------|--------|
| Washington .....  | Thomas Pinckney.....             | S. C. .... | 1792   | Taylor .....    | Abbott Lawrence.....           | Mass. .... | 1849   |
| " .....           | Rufus King.....                  | N. Y. .... | 1796   | Fillmore .....  | Joseph R. Ingersoll.....       | Pa.....    | 1852   |
| John Adams .....  | " .....                          | " .....    | 1796   | Pierce .....    | James Buchanan.....            | " .....    | 1853   |
| " .....           | " .....                          | " .....    | 1803   | " .....         | George M. Dallas.....          | " .....    | 1856   |
| Jefferson .....   | William Pinckney.....            | Md.....    | 1806   | Buchanan .....  | " .....                        | " .....    | 1856   |
| " .....           | Jonathan Russell, ch. d'aff. ..  | R. I. .... | 1811   | Lincoln .....   | Charles Francis Adams.....     | Mass.....  | 1861   |
| Madison .....     | John Quincy Adams.....           | Mass.....  | 1815   | Johnson .....   | " .....                        | " .....    | 1861   |
| " .....           | J. Adams Smith, ch. d'aff. ....  | " .....    | 1817   | " .....         | Reverdy Johnson.....           | Md.....    | 1868   |
| " .....           | Richard Rush.....                | Pa.....    | 1817   | Grant .....     | John Lothrop Motley.....       | Mass.....  | 1869   |
| J. Q. Adams ..... | Rufus King.....                  | N. Y. .... | 1825   | " .....         | Robert C. Schenck.....         | Ohio ..... | 1870   |
| " .....           | Albert Gallatin.....             | Pa.....    | 1826   | " .....         | Edwards Pierrepont.....        | N. Y. .... | 1876   |
| " .....           | W. B. Lawrence, ch. d'aff. ....  | N. Y. .... | 1827   | Hayes .....     | John Welsh.....                | Pa.....    | 1877   |
| " .....           | James Barbour.....               | Va.....    | 1828   | " .....         | Wm. J. Hoppin, ch. d'aff. .... | N. Y. .... | 1879   |
| Jackson .....     | Louis McLane.....                | Del.....   | 1829   | " .....         | James Russell Lowell.....      | Mass.....  | 1880   |
| " .....           | Washington Irving, ch. d'aff. .. | N. Y. .... | 1831   | Garfield .....  | " .....                        | " .....    | 1880   |
| " .....           | Martin Van Buren.....            | " .....    | 1831   | Arthur .....    | " .....                        | " .....    | 1880   |
| " .....           | Aaron Vail, ch. d'aff. ....      | " .....    | 1832   | Cleveland ..... | Edward J. Phelps.....          | Vt.....    | 1885   |
| " .....           | Andrew Stevenson.....            | Va.....    | 1836   | Harrison .....  | Robert T. Lincoln.....         | Ill.....   | 1889   |
| Tyler .....       | Edward Everett.....              | Mass.....  | 1841   | Cleveland ..... | Thomas F. Bayard, amb. ....    | Del.....   | 1893   |
| " .....           | Louis McLane.....                | Md.....    | 1845   | McKinley .....  | John Hay, ambassador.....      | Ohio.....  | 1897   |
| Polk .....        | George Bancroft.....             | N. Y. .... | 1846   | " .....         | Henry White, ch. d'aff. ....   | R. I. .... | 1898   |
| " .....           | " .....                          | " .....    | 1846   | " .....         | Joseph H. Choate, amb. ....    | N. Y. .... | 1899   |
| Taylor .....      | J. C. B. Davis, ch. d'aff. ....  | Mass.....  | 1849   |                 |                                |            |        |

BRITISH MINISTERS TO THE UNITED STATES.

| SOVEREIGNS.     | Ministers.                             | Date.* | SOVEREIGNS.   | Ministers.                           | Date.* |
|-----------------|--|--------|---------------|--------------------------------------|--------|
| George III..... | George Hammond.....                    | 1791   | Victoria..... | Henry Stephen Fox.....               | 1836   |
| " .....         | Phineas Bond, ch. d'aff. ....          | 1795   | " .....       | Richard Pakenham.....                | 1844   |
| " .....         | Robert Liston.....                     | 1796   | " .....       | John F. T. Crampton, ch. d'aff. ..   | 1847   |
| " .....         | Edward Thornton, ch. d'aff. ....       | 1800   | " .....       | Sir Henry Lytton Bulwer.....         | 1849   |
| " .....         | Anthony Merry.....                     | 1803   | " .....       | John F. T. Crampton, ch. d'aff. .... | 1851   |
| " .....         | David M. Erskine.....                  | 1806   | " .....       | " .....                              | 1852   |
| " .....         | Francis James Jackson.....             | 1809   | " .....       | Philip Griffith, ch. d'aff. ....     | 1853   |
| " .....         | John Philip Morier, ch. d'aff. ....    | 1810   | " .....       | John Savile Lumley, ch. d'aff. ....  | 1855   |
| " .....         | Augustus John Foster.....              | 1811   | " .....       | Lord Napier.....                     | 1857   |
| " .....         | Anthony St. John Baker, ch. d'aff. ..  | 1815   | " .....       | Lord Lyons.....                      | 1859   |
| " .....         | Charles Bagot.....                     | 1816   | " .....       | Joseph Hume Burnley, ch. d'aff. .... | 1864   |
| George IV.....  | Gibbs Crawford Antrobus, ch. d'aff. .. | 1819   | " .....       | Sir Frederick W. A. Bruce.....       | 1865   |
| " .....         | Sir Stratford Canning.....             | 1820   | " .....       | Francis Clark Ford, ch. d'aff. ....  | 1867   |
| " .....         | Henry Unwin Addington, ch. d'aff. .... | 1823   | " .....       | Sir Edward Thornton.....             | 1868   |
| " .....         | Charles Richard Vaughan.....           | 1825   | " .....       | Lionel S. Sackville West.....        | 1881   |
| William IV..... | " .....                                | 1825   | " .....       | Sir Julian Pauncefote.....           | 1889   |
| " .....         | Charles Bankhead, ch. d'aff. ....      | 1835   | " .....       | " .....                              | 1893   |

\* Date of commission. † Now Lord Pauncefote.

**FRANCE.**  
UNITED STATES MINISTERS TO FRANCE.

| PRESIDENTS.    | Ministers.                       | States.   | Date. | PRESIDENTS.    | Ministers.                       | States.   | Date. |
|----------------|----------------------------------|-----------|-------|----------------|----------------------------------|-----------|-------|
| Confederation  | Thomas Jefferson.....            | Va.....   | 1790  | Tyler.....     | Lewis Cass.....                  | Ohio..... | 1836  |
| Washington..   | William Short, ch. d'aff.....    | N. Y..... | 1792  | ".....         | Henry Ledyard, ch. d'aff.....    | Mich..... | 1842  |
| ".....         | Gouverneur Morris.....           | N. Y..... | 1794  | ".....         | William H. King.....             | Ala.....  | 1844  |
| ".....         | James Monroe.....                | Va.....   | 1796  | Polk.....      | J. L. Martin, ch. d'aff.....     | N. C..... | 1847  |
| ".....         | Charles C. Pinckney.....         | S. C..... | 1797  | ".....         | Richard Rush.....                | Va.....   | 1849  |
| John Adams..   | John Marshall.....               | Va.....   | 1797  | Taylor.....    | William C. Rives.....            | Va.....   | 1849  |
| ".....         | Elbridge Gerry.....              | Mass..... | 1797  | Fillmore.....  | ".....                           | ".....    | 1853  |
| ".....         | Oliver Ellsworth.....            | Ct.....   | 1799  | ".....         | Henry S. Sanford, ch. d'aff..... | Ct.....   | 1853  |
| ".....         | William Vans Murray.....         | Md.....   | 1799  | ".....         | John Y. Mason.....               | Va.....   | 1853  |
| ".....         | William R. Davie.....            | N. C..... | 1799  | Buchanan.....  | W. R. Calhoun, ch. d'aff.....    | S. C..... | 1859  |
| Jefferson..... | Robert R. Livingston.....        | N. Y..... | 1801  | ".....         | Charles J. Faulkner.....         | Va.....   | 1860  |
| ".....         | John Armstrong.....              | ".....    | 1804  | Lincoln.....   | William L. Dayton.....           | N. J..... | 1861  |
| Madison.....   | Jonathan Russell, ch. d'aff..... | R. I..... | 1810  | ".....         | John Bigelow.....                | N. Y..... | 1864  |
| ".....         | Joel Barlow.....                 | Ct.....   | 1811  | Johnson.....   | John Hay, ch. d'aff.....         | Ill.....  | 1866  |
| ".....         | William H. Crawford.....         | Ga.....   | 1813  | ".....         | John A. Dix.....                 | N. Y..... | 1866  |
| ".....         | Henry Jackson, ch. d'aff.....    | Ky.....   | 1815  | Grant.....     | Elhu B. Washburne.....           | Ill.....  | 1869  |
| ".....         | Albert Gallatin.....             | Pa.....   | 1816  | ".....         | Edward F. Noyes.....             | Ohio..... | 1877  |
| Monroe.....    | James Brown.....                 | La.....   | 1823  | Garfield.....  | Levi P. Morton.....              | N. Y..... | 1881  |
| ".....         | William C. Rives.....            | Va.....   | 1829  | Arthur.....    | ".....                           | ".....    | 1881  |
| Jackson.....   | Nathaniel Niles, ch. d'aff.....  | Vt.....   | 1829  | Cleveland..... | Robert M. McLane.....            | Md.....   | 1885  |
| ".....         | Edward Livingston.....           | La.....   | 1833  | Harrison.....  | Whitelaw Reid.....               | N. Y..... | 1889  |
| ".....         | Thomas P. Barton, ch. d'aff..... | Pa.....   | 1835  | ".....         | T. Jefferson Coolidge.....       | Mass..... | 1892  |
| ".....         | Lewis Cass.....                  | Ohio..... | 1836  | Cleveland..... | James B. Eustis, amb.....        | La.....   | 1893  |
| Van Buren..... | ".....                           | ".....    | 1836  | McKinley.....  | Horace Porter, amb.....          | N. Y..... | 1897  |

FRENCH MINISTERS TO THE UNITED STATES.

| GOVERNMENT.     | Ministers.                             | Date. | GOVERNMENT.    | Ministers.                               | Date. |
|-----------------|--|-------|----------------|--|-------|
| Louis XVI.....  | Count de Moustier.....                 | 1788  | Napoleon III.. | Count de Sartiges.....                   | 1851  |
| ".....          | M. Otto, ch. d'aff.....                | 1789  | ".....         | Viscount Jules Treillard, ch. d'aff..... | 1859  |
| ".....          | Celouel Ternant.....                   | 1791  | ".....         | Henri Mercier.....                       | 1860  |
| Convention..... | Edmond C. Genet.....                   | 1793  | ".....         | Viscount Jules Treillard, ch. d'aff..... | 1863  |
| Directory.....  | Joseph Fauchet.....                    | 1794  | ".....         | Louis de Geoffroy, ch. d'aff.....        | 1864  |
| Consulate.....  | Pierre Auguste Adet.....               | 1795  | ".....         | Marquis de Montholon.....                | 1865  |
| ".....          | ".....                                 | 1795  | ".....         | Jules Berthemy.....                      | 1866  |
| Napoleon I..... | L. A. Pichon, ch. d'aff.....           | 1801  | ".....         | Count de Faverney, ch. d'aff.....        | 1869  |
| ".....          | General Turraeu.....                   | 1805  | ".....         | Presvost Paradol.....                    | 1870  |
| ".....          | M. Serurier.....                       | 1811  | ".....         | Jules Berthemy.....                      | 1870  |
| Louis XVIII..   | ".....                                 | 1811  | Nat. Defence.. | Viscount Jules Treillard.....            | 1870  |
| ".....          | G. Hyde de Neuville.....               | 1816  | Pres. Thiers.. | Henry de Bellonnet, ch. d'aff.....       | 1871  |
| ".....          | Count de Menou, ch. d'aff.....         | 1822  | ".....         | Marquis de Noailles.....                 | 1872  |
| Charles X.....  | Baron de Mareuil.....                  | 1824  | Pr. MacMahon   | A. Bartholdi.....                        | 1874  |
| ".....          | Count de Menou, ch. d'aff.....         | 1827  | ".....         | F. de Vaugelas, ch. d'aff.....           | 1876  |
| ".....          | Roux de Rochelle.....                  | 1830  | ".....         | Mamime Outrey.....                       | 1877  |
| L. Philippe..   | M. Serurier.....                       | 1831  | ".....         | Theodore J. D. Roustan.....              | 1882  |
| ".....          | Alphonse Papeot, ch. d'aff.....        | 1835  | Pres. Grevy..  | J. Patenotre.....                        | 1891  |
| ".....          | Edouard Pontois.....                   | 1837  | Pres. Carnot.. | ".....                                   | 1891  |
| ".....          | Alphonse Papeot, ch. d'aff.....        | 1839  | ".....         | "..... ambassador.....                   | 1893  |
| ".....          | L. Adolph Aime Fourier de Bacourt..... | 1840  | Pres. Faure..  | ".....                                   | 1893  |
| ".....          | Alphonse Joseph Yver Papeot.....       | 1842  | ".....         | Jules Cambon, ambassador.....            | 1898  |
| L. Napoleon..   | Guillaume Tell Lavallee Poussin.....   | 1848  | Pres. Loubet.. | ".....                                   | 1898  |
| ".....          | E. A. Olivier Sain de Boislecotme..... | 1850  | ".....         | ".....                                   | 1898  |

**AUSTRIA AND AUSTRIA-HUNGARY.**  
UNITED STATES MINISTERS TO AUSTRIA.

| PRESIDENTS.    | Ministers.                        | States.   | Date. | PRESIDENTS.    | Ministers.                       | States.     | Date. |
|----------------|-----------------------------------|-----------|-------|----------------|----------------------------------|-------------|-------|
| Van Buren..... | Henry A. Muhlenberg.....          | Pa.....   | 1838  | Grant.....     | John Jay.....                    | N. Y.....   | 1869  |
| ".....         | J. R. Clay, ch. d'aff.....        | ".....    | 1840  | ".....         | Godlove S. Orth.....             | Ind.....    | 1875  |
| Tyler.....     | Daniel Jenifer.....               | Md.....   | 1841  | ".....         | Edward F. Beale.....             | D. C.....   | 1876  |
| Polk.....      | Wm. H. Stiles, ch. d'aff.....     | Ga.....   | 1845  | Hayes.....     | John A. Kasson.....              | Iowa.....   | 1877  |
| Taylor.....    | J. Watson Webb, ch. d'aff.....    | N. Y..... | 1849  | Garfield.....  | William Walter Phelps.....       | N. J.....   | 1881  |
| Fillmore.....  | C. J. McCurdy, ch. d'aff.....     | Ct.....   | 1850  | Arthur.....    | Alphonso Taft.....               | Ohio.....   | 1882  |
| ".....         | T. M. Foote, ch. d'aff.....       | N. Y..... | 1852  | ".....         | John M. Francis.....             | N. Y.....   | 1884  |
| Pierce.....    | H. R. Jackson, min. res.....      | Ga.....   | 1853  | Cleveland..... | A. M. Kiely.....                 | Va.....     | 1885  |
| Buchanan.....  | J. Glancy Jones.....              | Pa.....   | 1858  | ".....         | James Fenner Lee, ch. d'aff..... | Md.....     | 1885  |
| Lincoln.....   | Anson Burlingame.....             | Mass..... | 1861  | ".....         | Alexander R. Lawton.....         | Ga.....     | 1887  |
| ".....         | John Lothrop Motley.....          | ".....    | 1861  | Harrison.....  | Frederick D. Grant.....          | N. Y.....   | 1889  |
| Johnson.....   | George W. Lippitt, ch. d'aff..... | R. I..... | 1867  | Cleveland..... | Bartlett Tripp.....              | S. Dak..... | 1893  |
| ".....         | John Hay, ch. d'aff.....          | Ill.....  | 1867  | McKinley.....  | Charlesmagne Tower.....          | Pa.....     | 1897  |
| ".....         | Henry M. Watts.....               | Pa.....   | 1868  | ".....         | Addison C. Harris.....           | Ind.....    | 1899  |

AUSTRIAN MINISTERS TO THE UNITED STATES.

| EMPERORS.     | Ministers.                            | Date. | EMPERORS.     | Ministers.                                 | Date.  |
|---------------|---------------------------------------|-------|---------------|--|--------|
| Ferdinand I.. | Baron de Mareschal.....               | 1828  | Franz Joseph. | Count Ladislaus Hoyos.....                 | 1875   |
| ".....        | Chevalier Hulsemann, ch. d'aff.....   | 1841  | ".....        | Chevalier E. S. von Tavera, ch. d'aff..... | 1877   |
| Franz Joseph. | ".....                                | 1841  | ".....        | Baron Ernest von Mayr.....                 | 1879   |
| ".....        | "..... min. res.....                  | 1855  | ".....        | Count Lippe-Weissenfeld, ch. d'aff.....    | 1881   |
| ".....        | Count Nicholas Giorgi, min. res.....  | 1853  | ".....        | Baron Ignatz von Schaeffer.....            | 1882   |
| ".....        | Count Wardenbruck.....                | 1865  | ".....        | Count Lippe-Weissenfeld, ch. d'aff.....    | 1885   |
| ".....        | Baron de Frankenstein, ch. d'aff..... | 1867  | ".....        | Chevalier E. S. von Tavera.....            | 1887   |
| ".....        | Baron Charles de Lederer.....         | 1868  | ".....        | L. Hengelmuller von Hengervar.....         | 1896   |
| ".....        | Baron von Schwarz Senborn.....        | 1874  | ".....        | ".....                                     | "..... |

## RUSSIA.

## UNITED STATES MINISTERS TO RUSSIA.

| PRESIDENTS.      | Ministers.                   | States.   | Date. | PRESIDENTS.    | Ministers.                      | States.   | Date. |
|------------------|------------------------------|-----------|-------|----------------|---------------------------------|-----------|-------|
| Madison.....     | John Quincy Adams.....       | Mass..... | 1809  | Lincoln.....   | Bayard Taylor.....              | N. Y..... | 1862  |
| ".....           | Levet Harris, ch. d'aff..... | Pa.....   | 1814  | ".....         | Cassius M. Clay.....            | Ky.....   | 1863  |
| ".....           | William Pinkney.....         | Md.....   | 1816  | Grant.....     | Andrew G. Curtin.....           | Pa.....   | 1869  |
| Monroe.....      | George W. Campbell.....      | Tenn..... | 1818  | ".....         | James L. Orr.....               | S. C..... | 1872  |
| ".....           | Henry Middleton.....         | S. C..... | 1820  | ".....         | Marshall Jewell.....            | Ct.....   | 1873  |
| J. Q. Adams..... | ".....                       | ".....    | 1820  | ".....         | Eugene Schuyler, ch. d'aff..... | N. Y..... | 1874  |
| Jackson.....     | John Randolph.....           | Va.....   | 1830  | ".....         | George H. Boker.....            | Pa.....   | 1875  |
| ".....           | James Buchanan.....          | Pa.....   | 1832  | Hayes.....     | E. W. Stoughton.....            | N. Y..... | 1878  |
| ".....           | John R. Clay, ch. d'aff..... | ".....    | 1833  | ".....         | Wickham Hoffman, ch. d'aff..... | ".....    | 1879  |
| ".....           | William Wilkins.....         | ".....    | 1834  | ".....         | John W. Foster.....             | Ind.....  | 1880  |
| ".....           | John R. Clay, ch. d'aff..... | ".....    | 1835  | Garfield.....  | ".....                          | ".....    | 1880  |
| Van Buren.....   | George M. Dallas.....        | ".....    | 1837  | Arthur.....    | Wickham Hoffman, ch. d'aff..... | N. Y..... | 1881  |
| ".....           | W. W. Chew, ch. d'aff.....   | ".....    | 1839  | ".....         | William H. Hunt.....            | La.....   | 1882  |
| ".....           | Churchill C. Cambreleng..... | N. Y..... | 1840  | ".....         | Alphonso Taft.....              | Ohio..... | 1884  |
| Tyler.....       | Charles S. Todd.....         | Ky.....   | 1841  | Cleveland..... | George V. M. Lothrop.....       | Mich..... | 1885  |
| Polk.....        | Ralph J. Ingersoll.....      | Ct.....   | 1846  | ".....         | Lambert Tree.....               | Ill.....  | 1888  |
| ".....           | Arthur P. Bagby.....         | Ala.....  | 1848  | Harrison.....  | George W. Wurts, ch. d'aff..... | Pa.....   | 1889  |
| Fillmore.....    | Neil S. Brown.....           | Tenn..... | 1850  | ".....         | Charles Emory Smith.....        | ".....    | 1890  |
| Pierce.....      | Thomas H. Seymour.....       | Ct.....   | 1853  | Cleveland..... | Andrew D. White.....            | N. Y..... | 1892  |
| Buchanan.....    | Francis W. Pickens.....      | S. C..... | 1855  | ".....         | Clifton R. Breckinridge.....    | Ark.....  | 1894  |
| ".....           | John Appleton.....           | Me.....   | 1860  | McKinley.....  | Ethan A. Hitchcock.....         | Mo.....   | 1897  |
| Lincoln.....     | Cassius M. Clay.....         | Ky.....   | 1861  | ".....         | ".....                          | ".....    | 1898  |
| ".....           | Simon Cameron.....           | Pa.....   | 1862  | ".....         | Charlemagne Tower, amb.....     | Pa.....   | 1899  |

## RUSSIAN MINISTERS TO THE UNITED STATES.

| EMPERORS.        | Ministers.                         | Date. | EMPERORS.        | Ministers.                              | Date. |
|------------------|------------------------------------|-------|------------------|---|-------|
| Alexander I..... | Andre de Daschkoff, ch. d'aff..... | 1809  | Alex. II.....    | Constantine Catacazy.....               | 1869  |
| ".....           | Count Theodore de Pahlen.....      | 1810  | ".....           | Alexander Gorloff, ch. d'aff.....       | 1871  |
| ".....           | Andre de Daschkoff.....            | 1811  | ".....           | Baron Henri d'Offenberg.....            | 1872  |
| ".....           | Chevalier Pierra de Poletica.....  | 1819  | ".....           | Nicholas de Voigt, ch. d'aff.....       | 1874  |
| ".....           | George Ellisen, ch. d'aff.....     | 1822  | ".....           | Nicholas Shishkin.....                  | 1875  |
| ".....           | Baron de Tuyl.....                 | 1823  | ".....           | Michel Bartholomei.....                 | 1880  |
| Nicholas I.....  | Baron de Maltitz, ch. d'aff.....   | 1826  | Alex. III.....   | Charles de Struve.....                  | 1882  |
| ".....           | Baron de Krudener.....             | 1827  | ".....           | Baron Gustave Schilling, ch. d'aff..... | 1892  |
| ".....           | George Krehmer, ch. d'aff.....     | 1838  | ".....           | Prince Cantacuzene.....                 | 1893  |
| ".....           | Alexander de Bodisco.....          | 1838  | Nicholas II..... | ".....                                  | 1893  |
| Alex. II.....    | Edward de Stoekli.....             | 1854  | ".....           | E. de Kotzebue.....                     | 1896  |
| ".....           | Waldemar Bodisco, ch. d'aff.....   | 1868  | ".....           | Comte Cassini, ambassador.....          | 1898  |

## GERMANY.

## UNITED STATES MINISTERS TO THE GERMAN EMPIRE.

| PRESIDENTS.   | Ministers.                        | States.   | Date. | PRESIDENTS.    | Ministers.                    | States.   | Date. |
|---------------|-----------------------------------|-----------|-------|----------------|-------------------------------|-----------|-------|
| Grant.....    | George Bancroft.....              | N. Y..... | 1871  | Arthur.....    | A. A. Sargent.....            | Cal.....  | 1882  |
| ".....        | Nicholas Fish, ch. d'aff.....     | ".....    | 1874  | ".....         | John A. Kasson.....           | Iowa..... | 1884  |
| ".....        | J. C. Bancroft Davis.....         | ".....    | 1874  | Cleveland..... | George H. Pendleton.....      | Ohio..... | 1885  |
| Hayes.....    | H. Sidney Everett, ch. d'aff..... | Mass..... | 1877  | Harrison.....  | William Walter Phelps.....    | N. J..... | 1889  |
| ".....        | Bayard Taylor.....                | Pa.....   | 1878  | Cleveland..... | Theodore Runyon, amb.....     | ".....    | 1893  |
| ".....        | H. Sidney Everett, ch. d'aff..... | Mass..... | 1878  | ".....         | Edwin F. Uhl, ambassador..... | Mich..... | 1896  |
| ".....        | Andrew D. White.....              | N. Y..... | 1879  | McKinley.....  | Andrew D. White, amb.....     | N. Y..... | 1897  |
| Garfield..... | H. Sidney Everett, ch. d'aff..... | Mass..... | 1881  |                |                               |           |       |

## GERMAN MINISTERS TO THE UNITED STATES.

| EMPERORS.       | Ministers.                        | Date. | EMPERORS.       | Ministers.                         | Date. |
|-----------------|-----------------------------------|-------|-----------------|------------------------------------|-------|
| William I.....  | Baron Alvensleben, ch. d'aff..... | 1871  | William II..... | A. von Mumm, ch. d'aff.....        | 1891  |
| ".....          | Kurd von Schlozer.....            | 1871  | ".....          | Theodore von Holleben.....         | 1892  |
| ".....          | Count von Beust, ch. d'aff.....   | 1882  | ".....          | Baron von Saurma-Jeltsch, amb..... | 1893  |
| ".....          | Karl von Eisendecher.....         | 1883  | ".....          | Baron Max von Thielmann, amb.....  | 1895  |
| ".....          | H. von Alvensleben.....           | 1884  | ".....          | Herr von Holleben, amb.....        | 1898  |
| William II..... | Count Arco Valley.....            | 1888  |                 |                                    |       |

## ITALY.

## UNITED STATES MINISTERS TO ITALY.

| PRESIDENTS.   | Ministers.                 | States.   | Date. | PRESIDENTS.    | Ministers.                       | States.   | Date. |
|---------------|----------------------------|-----------|-------|----------------|----------------------------------|-----------|-------|
| Lincoln.....  | George P. Marsh.....       | Vt.....   | 1861  | Cleveland..... | John B. Stallo.....              | Ohio..... | 1885  |
| Johnson.....  | ".....                     | ".....    | 1861  | Harrison.....  | Albert G. Porter.....            | Ind.....  | 1889  |
| Grant.....    | ".....                     | ".....    | 1861  | ".....         | William Potter.....              | Pa.....   | 1892  |
| Hayes.....    | ".....                     | ".....    | 1861  | Cleveland..... | J. J. Van Alen, ambassador*..... | R. I..... | 1893  |
| Garfield..... | ".....                     | ".....    | 1861  | ".....         | Wayne MacVeagh, amb.....         | Pa.....   | 1893  |
| Arthur.....   | ".....                     | ".....    | 1861  | McKinley.....  | William F. Draper, amb.....      | Mass..... | 1897  |
| ".....        | William Waldorf Astor..... | N. Y..... | 1882  |                |                                  |           |       |

\* Mr. Van Alen was confirmed by the Senate but declined, and Mr. MacVeagh was appointed.

DIPLOMATIC INTERCOURSE—Continued.

ITALY—Continued.

ITALIAN MINISTERS TO THE UNITED STATES.

| KINGS.           | Ministers.                                | Date. | KINGS.            | Ministers.                            | Date. |
|------------------|---|-------|-------------------|---------------------------------------|-------|
| V. Emanuel . . . | Chevalier Joseph Bertinatti . . . . .     | 1861  | V. Emanuel . . .  | Baron Alberto Blanc . . . . .         | 1875  |
| " . . . . .      | Romeo Cantagalli, ch. d'aff. . . . .      | 1866  | Humbert . . . . . | Prince Camporeale, ch. d'aff. . . . . | 1880  |
| " . . . . .      | Chevalier Marcello Cerruti . . . . .      | 1867  | " . . . . .       | Baron de Fava . . . . .               | 1881  |
| " . . . . .      | Count Luigi Colobiano, ch. d'aff. . . . . | 1869  | " . . . . .       | Marquis Imperiali, ch. d'aff. . . . . | 1891  |
| " . . . . .      | Count Luigi Corti . . . . .               | 1870  | " . . . . .       | Baron de Fava . . . . .               | 1892  |
| " . . . . .      | Count Litta, ch. d'aff. . . . .           | 1874  | " . . . . .       | " " " ambassador . . . . .            | 1893  |

SPAIN.

UNITED STATES MINISTERS TO SPAIN.

| PRESIDENTS.       | Ministers.   | States.       | Date. | PRESIDENTS.         | Ministers.  | States.       | Date. |
|-------------------|--|---------------|-------|---------------------|---|---------------|-------|
| Washington . . .  | W. Carmichael, ch. d'aff. . . . .                                | Md. . . . .   | 1790  | Lincoln . . . . .   | Carl Schurz . . . . .   | Wis. . . . .  | 1861  |
| " . . . . .       | William Short, min. res. . . . .                                 | Va. . . . .   | 1794  | " . . . . .         | Gustavus Koeraer . . . . .  | Ill. . . . .  | 1862  |
| " . . . . .       | Thomas Pinckney . . . . .  | S. C. . . . . | 1794  | " . . . . .         | H. J. Perry, ch. d'aff. . . . .   | N. H. . . . . | 1864  |
| " . . . . .       | David Humphreys . . . . .  | Ct. . . . .   | 1796  | " . . . . .         | John P. Hale . . . . .  | " . . . . .   | 1865  |
| Jefferson . . . . | Charles Pinckney . . . . .                                       | S. C. . . . . | 1801  | Grant . . . . .     | Daniel E. Sickles . . . . .   | N. Y. . . . . | 1869  |
| " . . . . .       | G. W. Erving, ch. d'aff. . . . .                                 | Mass. . . . . | 1805  | " . . . . .         | Alvey A. Adee, ch. d'aff. . . . .   | " . . . . .   | 1873  |
| " . . . . .       | Official relations with Spain were broken off from 1808 to 1814. |               |       | " . . . . .         | Caleb Cushing . . . . .   | Mass. . . . . | 1874  |
| Madison . . . . . | G. W. Erving . . . . .   | Mass. . . . . | 1814  | Hayes . . . . .     | James Russell Lowell . . . . .  | " . . . . .   | 1877  |
| " . . . . .       | John Forsyth . . . . .   | Ga. . . . .   | 1819  | " . . . . .         | Lucius Fairchild . . . . .  | Wis. . . . .  | 1880  |
| " . . . . .       | Hugh Nelson . . . . .  | Va. . . . .   | 1823  | Garfield . . . . .  | " . . . . .   | " . . . . .   | 1880  |
| J. Q. Adams . . . | Alexander H. Everett . . . . .                                   | Mass. . . . . | 1825  | Arthur . . . . .    | Hannibal Hamlin . . . . .   | Me. . . . .   | 1881  |
| Jackson . . . . . | Cornelius P. Van Ness . . . . .                                  | Vt. . . . .   | 1829  | " . . . . .         | John W. Foster . . . . .  | Ind. . . . .  | 1883  |
| " . . . . .       | A. Middleton, Jr., ch. d'aff. . . . .                            | S. C. . . . . | 1836  | Cleveland . . . .   | Jabez L. M. Curry . . . . .   | Va. . . . .   | 1885  |
| Van Buren . . . . | John H. Eaton . . . . .  | Tenn. . . . . | 1837  | " . . . . .         | Perry Belmont . . . . .   | N. Y. . . . . | 1889  |
| " . . . . .       | Aaron Vail, ch. d'aff. . . . .                                   | N. Y. . . . . | 1840  | Harrison . . . . .  | Thomas W. Palmer . . . . .  | Mich. . . . . | 1889  |
| " . . . . .       | Washington Irving . . . . .                                      | N. Y. . . . . | 1842  | " . . . . .         | E. Burd Grubb . . . . .   | N. J. . . . . | 1890  |
| Tyler . . . . .   | Romulus M. Saunders . . . . .                                    | N. C. . . . . | 1846  | " . . . . .         | A. Loudon Snowden . . . . .   | Pa. . . . .   | 1892  |
| Polk . . . . .    | Daniel M. Barringer . . . . .                                    | " . . . . .   | 1849  | Cleveland . . . . . | Hannis Taylor . . . . .   | Ala. . . . .  | 1893  |
| Taylor . . . . .  | Pierre Soule . . . . .   | La. . . . .   | 1853  | McKinley . . . . .  | Stewart L. Woodford . . . . .   | N. Y. . . . . | 1897  |
| Pierce . . . . .  | Augustus C. Dodge . . . . .                                      | Ia. . . . .   | 1855  | " . . . . .         | Official relations with Spain were broken off, April, 1898, to April, 1899. |               |       |
| Buchanan . . . .  | William Preston . . . . .  | Ky. . . . .   | 1858  | " . . . . .         | Bellamy Storer . . . . .  | Ohio. . . . . | 1899  |

SPANISH MINISTERS TO THE UNITED STATES.

| SOVEREIGNS.          | Ministers.   | Date. | SOVEREIGNS.          | Ministers.                                    | Date. |
|----------------------|--|-------|----------------------|---|-------|
| Carlos IV. . . . .   | Diego de Gardoqui, ch. d'aff. . . . .                            | 1785  | Isabella II. . . . . | Gabriel Garcia y Tassara . . . . .            | 1857  |
| Monroe . . . . .     | Jose Ignacio de Viar, ch. d'aff. . . . .                         | 1789  | " . . . . .          | Facundo Gonzalez . . . . .                    | 1867  |
| " . . . . .          | Jose Ignacio de Viar, joint . . . . .                            | 1791  | Provis. Gov. . . . . | Mauricio Lopez Roberts . . . . .              | 1869  |
| " . . . . .          | Jose de Jaundenes, [ch. d'aff.] . . . . .                        | 1796  | Amadeo I. . . . .    | Admiral Don Jose Polo de Bernabe . . . . .    | 1872  |
| " . . . . .          | Carlos M. de Irujo . . . . .                                     | 1796  | Pr. Figueras . . . . | " " " " " " . . . . .                         | 1872  |
| " . . . . .          | Valentin de Foronda, ch. d'aff. . . . .                          | 1807  | " . . . . .          | " " " " " " . . . . .                         | 1872  |
| " . . . . .          | Official relations with Spain were broken off from 1808 to 1814. |       | " . . . . .          | Serrano . . . . .                             | 1874  |
| Fernan. VII. . . .   | Luis de Onis . . . . .   | 1809  | Alphonso XII. . . .  | Antonio Mantilla . . . . .                    | 1874  |
| " . . . . .          | Mateo de la Serna, ch. d'aff. . . . .                            | 1819  | " . . . . .          | Jose Brunetti, ch. d'aff. . . . .             | 1878  |
| " . . . . .          | Francisco Dionisio Vives . . . . .                               | 1820  | " . . . . .          | Felipe Mendez de Vigo y Osorio . . . . .      | 1879  |
| " . . . . .          | Joaquin de Anduaga . . . . .                                     | 1821  | " . . . . .          | Francisco Barca del Corral . . . . .          | 1881  |
| " . . . . .          | F. H. Kivas y Salmon, ch. d'aff. . . . .                         | 1823  | " . . . . .          | Enrique Dupuy de Lome, ch. d'aff. . . . .     | 1883  |
| " . . . . .          | Francisco Tacon . . . . .  | 1827  | " . . . . .          | Juan Valera y Alcala Galiano . . . . .        | 1884  |
| M. Christina. . .    | " . . . . .  | 1827  | Alph. III. . . . .   | Emilio de Murga . . . . .                     | 1886  |
| Isabella II. . . . . | Angel Calderon de la Barca . . . . .                             | 1835  | " . . . . .          | Miguel Suarez Gnanas . . . . .                | 1890  |
| " . . . . .          | Pedro Alcantara Argaiz . . . . .                                 | 1839  | " . . . . .          | Jose Felipe Segario, ch. d'aff. . . . .       | 1891  |
| " . . . . .          | Fidencio Bourman, ch. d'aff. . . . .                             | 1844  | " . . . . .          | Enrique Dupuy de Lome . . . . .               | 1892  |
| " . . . . .          | Angel Calderon de la Barca, min. res. . . . .                    | 1844  | " . . . . .          | E. de Murga . . . . .                         | 1893  |
| " . . . . .          | Jose Maria Magallon, ch. d'aff. . . . .                          | 1853  | " . . . . .          | Enrique Dupuy de Lome . . . . .               | 1896  |
| " . . . . .          | Leopoldo Augusto de Cueto . . . . .                              | 1854  | " . . . . .          | Louis Polo y Bernabe . . . . .                | 1898  |
| " . . . . .          | Alfonso Escalante . . . . .                                      | 1855  | " . . . . .          | Diplomatic intercourse broken off by the war. |       |
| " . . . . .          |  |       | " . . . . .          | Jose Brunetti, Duke of Arcos . . . . .        | 1899  |

Centennial of the Founding of the City of Washington.

PRESIDENT MCKINLEY'S annual message to Congress December 5, 1898, had the following: "In the year 1900 will occur the centennial anniversary of the founding of the city of Washington for the permanent capital of the Government of the United States by authority of an act of Congress, approved July 16, 1790. In May, 1800, the archives and general offices of the Federal Government were removed to this place. On the 17th of November, 1800, the National Congress met here for the first time, and assumed exclusive control of the federal district and city. This interesting event assumes all the more significance when we recall the circumstances attending the choosing of the site, the naming of the capital in honor of the father of his country, and the interest taken by him in the adoption of plans for its future development on a magnificent scale.

"A movement lately inaugurated by the citizens to have the anniversary celebrated with fitting ceremonies, including, perhaps, the establishment of a handsome permanent memorial to mark so historical an occasion, and to give it more than local recognition, has met with general favor on the part of the public.

"I recommend to the Congress the granting of an appropriation for this purpose, and the appointment of a committee from its respective bodies. It might also be advisable to authorize the President to appoint a committee from the country at large which, acting with the Congressional and District of Columbia Committees, can complete the plans for an appropriate national celebration."

An appropriate action was taken by the Fifty-fifth Congress at its third session. See "Acts of the Fifty-fifth Congress."

## United States Customs Duties.

## A TABLE OF LEADING ARTICLES IMPORTED, GIVING RATE AT ENTRY BY THE TARIFF ACT OF 1897.

N. e. s. indicates "when not elsewhere specified." Tables showing comparison with the Rates by the Tariff of 1883 and the McKinley Tariff of 1890 were printed in THE WORLD ALMANAC for 1895, and the Wilson Tariff of 1894 and the Dingley Tariff of 1897 in the edition of 1898.

| ARTICLES.   | Tariff Rate.         | ARTICLES.  | Tariff Rate.          |
|---|----------------------|--|-----------------------|
| Alcohol, amylic, or fusel oil.....                  | 1/2 c. per lb.       | Earthenware, porcelain, etc., decorated.....     | 60 p. c. ad val.      |
| Animals for breeding purposes.....                  | Free.                | Eggs.....  | 5c. per doz.          |
| Barley, bushel of 48 lbs.....                       | 30c. per bushel.     | Engravings.....                                  | 25 p. c. ad val.      |
| Beads.....  | 35 p. c. ad val.     | Extracts, meat.....                              | 35c. per lb.          |
| Beef, mutton, and pork.....                         | 20c. per gal.        | Fertilizers, guanos, manures.....                | Free.                 |
| Beer, ale, not in bottles.....                      | 40c.                 | Firearms.....                                    | (b)                   |
| Beer, porter, and ale, in bottles.....              | 40c.                 | Fish, American fisheries.....                    | Free.                 |
| Bindings, cotton.....                               | 45 p. c. ad val.     | Fish, smoked, dried.....                         | 3/4 c. per lb.        |
| Bindings, flax.....                                 | 45                   | Flannels.....                                    | 22c. per lb. and      |
| Bindings, wool.....                                 | 50c. per lb. and     |  | 30 p. c. ad val.      |
|   | 60 p. c. ad val.     | Flannels, value 40c. to 50c.....                 | 33c. per lb. and      |
| Blankets.....                                       | 22c. per lb. and     |  | 35 p. c. ad val.      |
|   | 30 p. c. ad val.     | Flax, manufactures of, n. e. s.....              | 45 p. c. ad val.      |
| Blankets, value 40c. to 50c.....                    | 33c. per lb. and 35  | Flowers, artificial.....                         | 50                    |
|   | p. c. ad val. (a)    | Fruits, preserved in their own juice.....        | 1c. per lb. and       |
|   | 60 p. c. ad val.     |  | 35 p. c. ad val.      |
| Bonnets, silk.....                                  | 25                   | Fruits, apples.....                              | 25c. per bu.          |
| Books, charts, maps.....                            | Free.                | Fruits, oranges, lemons, n. e. s.....            | 1c. per lb.           |
| Books, over 20 years old, for public libraries..... | Free.                | Fur, manufactures of.....                        | 35 p. c. ad val.      |
| Bronze, manufactures of.....                        | 45 p. c. ad val.     | Furniture, wood.....                             | 35                    |
| Brushes.....  | 40                   | Glassware, plain and cut.....                    | 60                    |
| Butter, and substitutes for.....                    | 6c. per lb.          | Glass, polished plate, not over 16x24.....       | 8c. per sq. foot.     |
| Buttons, sleeve and collar, gilt.....               | 50 p. c. ad val.     | Glass, silvered, not over 16x24.....             | 11c.                  |
| Canvas for sails.....                               | 45                   | Glass bottles, over 1 pint.....                  | 1c. per lb.           |
| Caps, fur and leather.....                          | 35                   | Gloves, men's, ladies', children's, Glucose..... | 1 1/2 c. per lb.      |
| Carpets, treble ingrain.....                        | 22c. per sq. yd. &   | Glue, value not over 7c. per lb.....             | 2 1/2 c. per lb. (g). |
|   | 40 p. c. ad val.     | Gold, manufactures of, not jewelry.....          | 45 p. c. ad val.      |
| Carpets, two-ply.....                               | 18c. per sq. yd. &   | Hair of bogs, curled for mattresses.....         | 10                    |
|   | 40 p. c. ad val.     | Hair manufactures, n. e. s.....                  | 35                    |
| Carpets, tapestry Brussels.....                     | 28c. per sq. yd. &   | Hair, human, unmanufactured.....                 | 20 p. c.; not         |
|   | 40 p. c. ad val.     |  | drawn, free.          |
| Carpets, Wilton, Axminster, velvet.....             | 60c. per sq. yd. &   | Hams and bacon.....                              | 5c. per lb.           |
|   | 40 p. c. ad val.     | Hay.....   | 84 per ton.           |
| Cattle (over one year old).....                     | 27 1/2 p. c. ad val. | Hemp cordage.....                                | 2c. per lb.           |
| Cheese, all kinds.....                              | 6c. per lb.          | Hides, raw, dried, salted, pickled.....          | 15 p. c. ad val.      |
| Cigars and cigarettes.....                          | \$4.50 per lb. and   | Honey.....                                       | 20c. per gal.         |
|   | 25 p. c. ad val.     | Hoops, iron or steel, baling.....                | 5-10c. per lb.        |
| Clocks, n. e. s.....                                | 40 p. c. ad val.     | Hops.....  | 12c. per lb.          |
| Clothing, ready-made, cotton, n. e. s.....          | 50                   | Horn, manufactures of.....                       | 30 p. c. ad val.      |
| Clothing, ready-made, linen, silk, and woollen..... | 60                   | Horses, mules.....                               | \$20 per head (h).    |
| Coal, anthracite.....                               | Free.                | India-rubber, manufactures of.....               | 30 p. c. ad val.      |
| Coal, bituminous.....                               | 67c. per ton.        | India-rubber, vulcanized.....                    | 35                    |
| Coffee.....   | Free.                | Instruments, metal.....                          | 45 p. c. ad val.      |
| Confectionery, all sugar.....                       | 50 p. c. ad val.     | Iron, manufactures of, n. e. s.....              | 45                    |
|   | (if more than        | Iron screws, 1/2 inch or less in length.....     | 12c. per lb.          |
|   | 15c. per lb.)        | Iron, tinned plates.....                         | 1 1/2 c. per lb.      |
| Copper, manufactures of.....                        | 45 p. c. ad val.     | Ivory, manufactures of, n. e. s.....             | 35 p. c. ad val.      |
| Cotton gloves.....                                  | 45                   | Jewelry.....                                     | 60                    |
| Cotton handkerchiefs, hemmed.....                   | 45                   | Knit goods, wool, value not over                 |                       |
| Cotton handkerchiefs, hemstitched.....              | 55                   | 30c. per lb.....                                 | 44c. per lb. and      |
| Cotton hosiery.....                                 | 50c. to \$2 per doz. |  | 50 p. c. ad val.      |
|   | pairs and 15         | Knit goods, woollen apparel, 30 to               |                       |
|   | p. c. ad val.        | 40c. per lb.....                                 | 44c. per lb. and      |
| Cotton shirts and drawers.....                      | 60c. to \$2.25 per   |  | 50 p. c. ad val.      |
|   | doz. & 15            | Knit goods, woollen apparel, over                |                       |
|   | p. c. to 50          | 40c. per lb.....                                 | 44c. "                |
|   | p. c. ad val.        | Knit goods, silk.....                            | 60 p. c. ad val.      |
| Cotton plushes, unbleached.....                     | 9c. per sq. yd. &    | Lard.....  | 2c. per lb.           |
|   | 25 p. c. ad val.     | Lead, pigs, bars.....                            | 2 1/2 c. "            |
| Cotton webbing.....                                 | 45 p. c. ad val.     | Lead, type metal.....                            | 1 1/2 c. "            |
| Cotton curtains.....                                | 50                   | Leather manufactures, n. e. s.....               | 35 p. c. ad val.      |
| Cutlery, more than \$3 per doz.....                 | 20c. per piece &     | Linen manufactures, n. e. s.....                 | 45                    |
|   | 40 p. c. ad val.     | Linen, wearing apparel.....                      | 60                    |
| Cutlery, razors, over \$3 per doz.....              | \$1.75 per doz. &    | Macaroni.....                                    | 1 1/2 c. per lb.      |
|   | 20 p. c. ad val.     | Malt, barley.....                                | 45c. per bu.          |
| Cutlery, table knives.....                          | 16c. each and        | Matches, friction, boxed.....                    | 8c. per gross.        |
|   | 15 p. c. ad val.     | Matting, cocoa and rattan.....                   | 5c. per sq. yd.       |
| Cutlery, table knives, over \$4 per doz.....        | 45 p. c. ad val.     | Meerschaum pipes.....                            | 60 p. c. ad val.      |
| Diamonds (uncut, free), cut and set.....            | 60                   | Molasses, n. e. s.....                           | 40c. to 56c. 3c.      |
| Diamonds, cut, but not set.....                     | 10                   |  | per gal. (i).         |
| Drugs (crude, free), not crude.....                 | 1/4 c. per lb. and   | Muffs, fur.....                                  | 35 p. c. ad val.      |
|   | 10 p. c. ad val.     | Musical instruments.....                         | 45                    |
| Dyewoods, crude.....                                | Free.                | Nails, cut.....                                  | 6-10c. per lb.        |
| Dyewoods, extracts of.....                          | 1/4 c. per lb.       | Nails, horseshoe.....                            | 2 1/2 c.              |
| Earthenware, common.....                            | 25 p. c. ad val.     | Newspapers, periodicals.....                     | Free.                 |
| Earthenware, porcelain, plain.....                  | 55                   |  |                       |



UNITED STATES CUSTOMS DUTIES—Continued.

| ARTICLES.  | Tariff Rate.   | ARTICLES.  | Tariff Rate.   |
|--|--|--|--|
| Oilcloth, value over 25c. ....                   | 8 to 20c. $\frac{1}{2}$ sq. yd. (j).                                 | Soap, castile .....  | 1 $\frac{1}{2}$ c. $\frac{1}{2}$ lb.                     |
| Oil, olive .....                                 | 50c. $\frac{1}{2}$ gal., in bottles, etc.                            | Soap, toilet, perfumed .....   | 15c. $\frac{1}{2}$ lb.                                   |
| Oil, olive, n. e. s. ....                        | 40c. $\frac{1}{2}$ gal.  | Spirits, except bay rum .....  | \$2.25 prf. gal.   |
| Oil, whale and seal, foreign, n. e. s. ....      | 8c. $\frac{1}{2}$ gal.   | Straw manufactures, n. e. s. ....                                      | 30 p. c. ad val.   |
| Onions .....                                     | 40c. $\frac{1}{2}$ bu.   | Sugars, not above 16 Dutch standard                                    | 95-100c. $\frac{1}{2}$ lb.                               |
| Opium, liquid preparations .....                 | 40 p. c. ad val.   | Sugars, above 16 Dutch standard ..                                     | 1 95-100c. " "   |
| Opium, crude and unadulterated ..                | \$1 $\frac{1}{2}$ lb.  | Tea .....  | Free.  |
| Paintings and marble statuary .....              | 20 p. c. ad val.   | Tin, ore or metal .....  | 1 $\frac{1}{2}$ c. $\frac{1}{2}$ lb.                     |
| Paper manufactures, n. e. s. ....                | 25 " "   | Tin plates .....   | 1 $\frac{1}{2}$ c. $\frac{1}{2}$ lb.                     |
| Paper stock, crude .....                         | Free.  | Tobacco, cigar wrappers, not stemmed                                   | \$1.85 " "   |
| Pepper, cayenne, unground .....                  | 24c. $\frac{1}{2}$ lb.   | Tobacco, if stemmed .....  | \$2.50 " "   |
| Perfumery, alcoholic .....                       | 60c. $\frac{1}{2}$ lb. and 45 p. c. ad val.                          | Tobacco, all other leaf, stemmed ..                                    | 50c. " "   |
| Photograph albums .....                          | 35 p. c. ad val.   | Tobacco, unmanufactured, not stemmed ..                                | 35c. " "   |
| Photograph slides .....                          | 25 " "   | Umbrellas, silk or alpaca .....  | 50 p. c. ad val.   |
| Pickles .....                                    | 40 " "   | Vegetables, natural, n. e. s. ....                                     | 25 " "   |
| Pins, metallic .....                             | 55 " "   | Vegetables, prepared or preserved ..                                   | \$1.50 $\frac{1}{2}$ lb. and 15 p. c. ad val.            |
| Pipes of clay, common, 40c. $\frac{1}{2}$ gross. | 15c. $\frac{1}{2}$ gross.  | Velvets, silk, 75 p. c. or more silk ..                                | 40 p. c. ad val.   |
| Poultry, dressed .....                           | 5c. $\frac{1}{2}$ lb.  | Watches and parts of .....   | 15 p. c. ad val.   |
| Potatoes .....                                   | 25c. $\frac{1}{2}$ bu.   | Wheat, bushel of 60 lb. ....   | 25c. " "   |
| Pulp wood, for paper-makers .....                | 1-12c. $\frac{1}{2}$ lb., mechanically ground. (l)                   | Willow for basket-makers .....   | 20 p. c. ad val.   |
| Quicksilver .....                                | 7c. $\frac{1}{2}$ lb.  | Willow manufactures, n. e. s. ....                                     | 40 " "   |
| Quinine, sulphate, and salts .....               | Free.  | Wines, champagne, in $\frac{1}{2}$ -pt. bottles or less ..             | \$2 $\frac{1}{2}$ doz.                                   |
| Railroad ties, cedar .....                       | 20 p. c. ad val.   | Wines, champagne, in bottles, $\frac{1}{2}$ -pt. to 1 pt. ....         | \$4 " "  |
| Rugs, Oriental .....                             | 10c. $\frac{1}{2}$ sq. f. & 40 p. c. ad val.                         | Wines, champagne, in bottles, 1 pt. to 1 qt. ....                      | \$8 " "  |
| Salmon, dried or smoked .....                    | 34c. $\frac{1}{2}$ lb.   | Wines, still, in casks containing more than 14 p. c. absolute alcohol. | 50c. $\frac{1}{2}$ gal.                                  |
| Salt .....                                       | 12c. $\frac{1}{2}$ 100 lb. packages; 8c. $\frac{1}{2}$ 100 lb. bulk. | Woods, cabinet, sawed .....  | \$1 to \$2 M ft.   |
| Sauces, n. e. s. ....                            | 40 p. c. ad val.   | Wool, first class .....  | 11c. $\frac{1}{2}$ lb.                                   |
| Sausages, bologna .....                          | Free.  | Wool, second class .....   | 12c. " "   |
| Sausages, all other .....                        | 25 p. c. ad val.   | Wool, third class, n. e. s., above 13c. $\frac{1}{2}$ lb. ....         | 7c. $\frac{1}{2}$ lb. (e)                                |
| Sealskin sacsques .....                          | 35 " "   | Wool or worsted yarns, value not over 30c. $\frac{1}{2}$ lb. ....      | 27 $\frac{1}{2}$ c. $\frac{1}{2}$ lb. & 40 p. c. ad val. |
| Silk, raw .....                                  | Free.  | Wool or worsted yarns, value 30 to 40c. $\frac{1}{2}$ lb. ....         | 33 $\frac{1}{2}$ c. $\frac{1}{2}$ lb. & 40 p. c. ad val. |
| Silk, spun in skeins .....                       | 35 p. c. ad val. (d)   | Wool or worsted yarns, value over 40c. $\frac{1}{2}$ lb. ....          | 38 $\frac{1}{2}$ c. $\frac{1}{2}$ lb. & 40 p. c. ad val. |
| Silk laces, wearing apparel .....                | 60 " "   | Woolen or worsted clothing .....                                       | 44c. $\frac{1}{2}$ yd. & 60 p. c. ad val.                |
| Skins, uncured, raw .....                        | Free.  |  |  |
| Skins, tanned and dressed .....                  | 20 p. c. ad val.   |  |  |
| Slates, manufactures of, n. e. s. ....           | 20 " "   |  |  |
| Smokers' articles, ex. clay pipes .....          | 60 " "   |  |  |

\* The Dingley Tariff increases rates on women's and children's gloves uniformly 75c. per dozen pairs; on men's gloves the rates are the same as the Wilson rates. (a) Valued at more than 50c. per lb., 33c. per lb. and 40 per cent ad val. (b) Specific duties ranging from \$1.50 to \$5 on each article, and 35 per cent ad val. (c) On goods above 40c. and not above 70c. per lb.; duty on goods above 70c. per lb., 44c. per lb. and 55 per cent ad val. (d) Value \$1 per lb., 20c. per lb. and 15 per cent ad val., with increasing duty of 10c. per lb. for each 50c. additional value up to \$2.50; all over \$2.50 per lb., 60c. per lb. and 15 per cent ad val. (e) Wool valued at 12c. per lb. or less, 4c. per lb.; above 12c. duty is 7c. per lb. (f) Two prices only in Dingley bill, 30c. and less, and above 30c. (g) If not over 10c. per lb. (h) If valued at \$150; if more, 25 per cent ad val. (i) Above 56c. 6c. per gal. (j) And 15 to 20 per cent ad val. (k) On woollen an additional duty of 44c. per lb. (l) Chemical wood pulp, 1-5c. per lb.

War Revenue Taxes.

TAXES IMPOSED BY CONGRESS UNDER REVENUE ACT APPROVED JUNE 13, 1898.

TAX ON FERMENTED LIQUORS—TOOK EFFECT FROM DATE OF ACT.

Beer, lager beer, ale, porter, and other similar fermented liquor, per barrel of 31 gallons.....\$2 (7 $\frac{1}{2}$  per cent discount on all sales of stamps.)

ANNUAL SPECIAL TAXES—TOOK EFFECT JULY 1, 1898.

|   |      |
|---|------|
| Bankers using a capital (including surplus) not exceeding \$25,000 .....  | \$50 |
| For every additional \$1,000 in excess of \$25,000 .....  | 2    |
| Brokers (except those paying tax as bankers) .....  | 50   |
| Pawnbrokers .....   | 25   |
| Commercial brokers .....  | 20   |
| Custom-house brokers .....  | 10   |
| Proprietors of theatres, museums, and concert halls in cities of more than 25,000 population, as shown by last preceding United States census ..... | 100  |
| Proprietors of circuses .....   | 100  |
| Proprietors of other public exhibitions or shows for money .....  | 10   |
| Proprietors of bowling alleys and billiard rooms, for each alley or table .....   | 5    |

TOBACCO, CIGARS, CIGARETTES, AND SNUFF.

Tobacco and snuff, manufactured .....
 12 cents per pound || Cigars and cigarettes: |  |
| Cigars weighing more than 3 pounds per 1,000 ..... | \$3.60 per M. |

## WAR REVENUE TAXES—Continued.

|  |               |
|--|---------------|
| Cigars weighing not more than 3 pounds per 1,000.....                  | \$1.00 per M. |
| Cigarettes weighing more than 3 pounds per 1,000.....                  | 3.60 per M.   |
| Cigarettes weighing not more than 3 pounds per 1,000.....              | 1.50 per M.   |
| Dealers in leaf tobacco and manufacturers of tobacco:                  |               |
| When annual sales do not exceed 50,000 pounds.....                     | \$6           |
| When annual sales exceed 50,000 and do not exceed 100,000 pounds.....  | 12            |
| When annual sales exceed 100,000 pounds.....                           | 24            |
| Dealers in tobacco whose annual sales exceed 50,000 pounds.....        |               |
| Manufacturers of cigars:   |               |
| When annual sales do not exceed 100,000 cigars.....                    | 6             |
| When annual sales exceed 100,000 and do not exceed 200,000 cigars..... | 12            |
| When annual sales exceed 200,000 cigars.....                           | 24            |

## STAMP TAXES—TOOK EFFECT JULY 1, 1898.

|   |   |
|---|---|
| Bonds, debentures, or certificates of stock and indebtedness issued after July 1, 1898, on each \$100 of face value.....  | 5 cents                                       |
| Certificates of stock, original issues of, on organization or reorganization, on each \$100 of face value or fraction thereof.....  | 5 cents                                       |
| Sale or agreement to sell stock in any association, company, or corporation, on each \$100 of face value or fraction thereof.....   | 2 cents                                       |
| Sale or agreement to sell any products of merchandise, at any exchange, board of trade, or similar place:   |   |
| For each \$100 in value.....  | 1 cent  |
| For each additional \$100 or fraction thereof.....  | 1 cent  |
| Bank check, draft, or certificate of deposit not drawing interest, or money order at sight.....   | 2 cents                                       |
| Bill of exchange (inland), draft, certificate of deposit drawing interest, or money order other than at sight or on demand, or promissory note (except bank notes), and original domestic money orders issued by the United States after July 1, 1898:  |   |
| For a sum not exceeding \$100.....  | 2 cents                                       |
| For each additional \$100 or fraction thereof.....  | 2 cents                                       |
| Bill of exchange (foreign) or letter of credit (including orders by telegraph, or otherwise, for the payment of money issued by express or other companies, or any person, drawn in, but payable out of, the United States:   |   |
| If drawn singly or otherwise than in a set of three or more—  |   |
| Not exceeding \$100.....  | 4 cents                                       |
| For each additional \$100 or part thereof.....  | 4 cents                                       |
| If drawn in sets of two or more—  |   |
| For every bill of each set not exceeding \$100.....   | 2 cents                                       |
| For each additional \$100 or part thereof.....  | 2 cents                                       |
| Bill of lading or receipt (other than charter party) for merchandise for export.....  | 10 cents                                      |
| Bill of lading, manifest, or receipt, and each duplicate thereof, express and freight.....  | 1 cent  |
| Telephone messages costing 15 cents or over..... each,  | 1 cent  |
| Bonds of indemnity.....   | 50 cents                                      |
| Certificates of profit and transfers thereof, on each \$100 or part of.....   | 2 cents                                       |
| Certificates issued by port warden or surveyor.....   | 25 cents                                      |
| Certificates, all other, required by law, not elsewhere specified.....  | 10 cents                                      |
| Charter contracts or agreements, or renewals or transfers of:   |   |
| For vessels not exceeding 300 tons.....   | \$3   |
| For vessels exceeding 300 and not exceeding 600 tons.....   | 5   |
| For vessels exceeding 600 tons.....   | 10  |
| Broker's note or memorandum of sale.....  | 10 cents                                      |
| Conveyance deed or instrument or writing transferring realty:   |   |
| When value exceeds \$100 and does not exceed \$500.....   | 50 cents                                      |
| For each additional \$500 or fraction thereof.....  | 50 cents                                      |
| Telegraphic despatch.....   | 1 cent  |
| Custom-house entry of merchandise:  |   |
| Not exceeding \$100 in value.....   | 25 cents                                      |
| Exceeding 100 and not exceeding \$500.....  | 50 cents                                      |
| Exceeding \$500.....  | \$1   |
| Entry for withdrawal of merchandise from customs bonded warehouse.....  | 50 cents                                      |
| Life insurance policies (except any fraternal beneficiary society or order, or farmers' purely local cooperative company or association, or employes' relief associations operated on the lodge system or local cooperation plan, organized and conducted solely by the members thereof for the exclusive benefit of its members and not for profit): |   |
| For each \$100 or fractional part of.....   | 8 cents                                       |
| On policies issued on weekly-payment plan.....  | 40 per cent on amount of first weekly premium |
| Insurance policies (marine, inland, fire), except purely cooperative or mutual, on each dollar of the amount of premium.....  | $\frac{1}{2}$ of 1 cent                       |
| Insurance policies (casualty, fidelity, and guarantee), on each dollar of amount of premium.....  | $\frac{1}{2}$ of 1 cent                       |
| Lease, agreement, or contract for rent:   |   |
| Not exceeding one year.....   | 25 cents                                      |
| Exceeding one year and not exceeding three years.....   | 50 cents                                      |
| Exceeding three years.....  | \$1   |
| Manifest for entry or clearance of vessel for foreign port:   |   |
| When registered tonnage does not exceed 300 tons.....   | 1   |
| When registered tonnage exceeds 300 tons and does not exceed 600 tons.....  | 3   |
| When registered tonnage exceeds 600 tons.....   | 5   |
| Mortgage or pledge of lands, estate, or property, real or personal, or assignment, transfer, or renewal of:   |   |
| Exceeding \$1,000 and not exceeding \$1,500.....  | 25 cents                                      |
| On each \$500, or fractional part of, in excess of \$1,500.....   | 25 cents                                      |

WAR REVENUE TAXES—Continued.

|  |               |
|--|---------------|
| Passage tickets from the United States to foreign parts:   |               |
| Costing not over \$30.....   | \$1           |
| Costing more than \$30 and not over \$60.....  | 3             |
| Costing more than \$60.....  | 5             |
| Power of attorney or proxy for voting at any election of officers of any incorporated company or association, except religious, charitable, or literary, or public cemeteries..... | 10 cents      |
| Power of attorney, other.....  | 25 cents      |
| Protests of notes, etc.....  | 25 cents      |
| Warehouse receipts.....  | 25 cents      |
| Medicinal proprietary articles and preparations (on every packet, box, bottle, pot, phial, or other inclosure):  |               |
| On retail value not exceeding 5 cents.....   | 1/8 of 1 cent |
| Exceeding 5 cents and not exceeding 10 cents.....  | 1/4 of 1 cent |
| Exceeding 10 cents and not exceeding 15 cents.....   | 3/8 of 1 cent |
| Exceeding 15 cents and not exceeding 25 cents.....   | 1/2 of 1 cent |
| Each additional 25 cents of retail price or fractional part thereof.....   | 1/8 of 1 cent |
| Perfumery, cosmetics, and other similar articles (on every packet, box, bottle, etc.):   |               |
| On retail value not exceeding 5 cents.....   | 1/8 of 1 cent |
| Exceeding 5 cents and not exceeding 10 cents.....  | 1/4 of 1 cent |
| Exceeding 10 cents and not exceeding 15 cents.....   | 3/8 of 1 cent |
| Exceeding 15 cents and not exceeding 25 cents.....   | 1/2 of 1 cent |
| Each additional 25 cents or part thereof.....  | 1/8 of 1 cent |
| Sparkling or other wines, bottled:   |               |
| Each bottle containing 1 pint or less.....   | 1 cent        |
| Each bottle containing more than 1 pint.....   | 2 cents       |
| Chewing gum, or substitutes:   |               |
| On each jar, box, or other package, if not more than \$1 retail value.....   | 4 cents       |
| On each additional \$1 or part thereof.....  | 4 cents       |

EXCISE TAXES.

|   |                   |
|---|-------------------|
| Corporation, company, person, or firm refining petroleum or sugar, or owning or controlling any pipe line for transporting oil or other products where gross annual receipts exceed \$250,000—on gross amount of receipts in excess of \$250,000..... | 1/4 of 1 per cent |
| On every seat sold in a palace or parlor car, and on every berth sold in a sleeping car....   | 1 cent            |

LEGACY TAXES—TOOK EFFECT FROM DATE OF ACT.

|   |                         |
|---|-------------------------|
| 1. Where the person or persons entitled to beneficial interest shall be the lineal issue or lineal ancestor, brother, or sister of deceased:  |                         |
| When the whole amount exceeds \$10,000 and does not exceed \$25,000.....  | .75 cents on each \$100 |
| When the whole amount exceeds \$25,000 and does not exceed \$100,000.....   | \$1.25 on each \$100    |
| When the whole amount exceeds \$100,000 and does not exceed \$500,000.....  | \$1.50 on each \$100    |
| When the whole amount exceeds \$500,000 and does not exceed \$1,000,000.....  | \$1.875 on each \$100   |
| When the whole amount exceeds \$1,000,000.....  | \$2.25 on each \$100    |
| 2. Where the person or persons entitled to beneficial interest shall be the descendant of a brother or sister:  |                         |
| When the whole amount exceeds \$10,000 and does not exceed \$25,000.....  | \$1.50 on each \$100    |
| When the whole amount exceeds \$25,000 and does not exceed \$100,000.....   | \$2.25 on each \$100    |
| When the whole amount exceeds \$100,000 and does not exceed \$500,000.....  | \$.30 on each \$100     |
| When the whole amount exceeds \$500,000 and does not exceed \$1,000,000.....  | \$3.75 on each \$100    |
| When the whole amount exceeds \$1,000,000.....  | \$4.50 on each \$100    |
| 3. Where the person or persons entitled to any beneficial interest shall be the brother or sister of the father or mother or a descendant of a brother or sister of the father or mother:                   |                         |
| When the whole amount exceeds \$10,000 and does not exceed \$25,000.....  | \$.30 on each \$100     |
| When the whole amount exceeds \$25,000 and does not exceed \$100,000.....   | \$4.50 on each \$100    |
| When the whole amount exceeds \$100,000 and does not exceed \$500,000.....  | \$.60 on each \$100     |
| When the whole amount exceeds \$500,000 and does not exceed \$1,000,000.....  | \$7.50 on each \$100    |
| When the whole amount exceeds \$1,000,000.....  | \$.90 on each \$100     |
| 4. Where the person or persons entitled to beneficial interest shall be the brother or sister of the grandfather or grandmother or a descendant of the brother or sister of the grandfather or grandmother: |                         |
| When the whole amount exceeds \$10,000 and does not exceed \$25,000.....  | \$.40 on each \$100     |
| When the whole amount exceeds \$25,000 and does not exceed \$100,000.....   | \$.60 on each \$100     |
| When the whole amount exceeds \$100,000 and does not exceed \$500,000.....  | \$.80 on each \$100     |
| When the whole amount exceeds \$500,000 and does not exceed \$1,000,000.....  | \$.10 on each \$100     |
| When the whole amount exceeds \$1,000,000.....  | \$.12 on each \$100     |
| 5. Where the person or persons entitled to beneficial interest shall be a person of any other degree of collateral consanguinity, or a stranger in blood, or a body politic or corporation:                 |                         |
| When the whole amount exceeds \$10,000 and does not exceed \$25,000.....  | \$.50 on each \$100     |
| When the whole amount exceeds \$25,000 and does not exceed \$100,000.....   | \$7.50 on each \$100    |
| When the whole amount exceeds \$100,000 and does not exceed \$500,000.....  | \$.10 on each \$100     |
| When the whole amount exceeds \$500,000 and does not exceed \$1,000,000.....  | \$12.50 on each \$100   |
| When the whole amount exceeds \$1,000,000.....  | \$.15 on each \$100     |

MIXED FLOUR—TOOK EFFECT 60 DAYS AFTER PASSAGE OF ACT.

|   |                     |
|---|---------------------|
| Person, firm, or corporation making, packing, or repacking.....                                   | \$12 per annum      |
| On each barrel containing more than 98 pounds and not more than 196 pounds.....                   | 4 cents per barrel  |
| On each 1/2 barrel or package containing more than 49 pounds and not more than 98 pounds.....     | 2 cents per barrel  |
| On each 1/4 barrel or package containing more than 24 1/2 pounds and not more than 49 pounds..... | 1 cent per barrel   |
| On each 1/8 barrel or package containing 24 1/2 pounds or less.....                               | 1/2 cent per barrel |

CUSTOMS DUTIES.

|  |                    |
|--|--------------------|
| Tea imported from foreign countries..... | 10 cents per pound |
|--|--------------------|

United States Internal Revenue Receipts.

SUMMARY OF INTERNAL REVENUE RECEIPTS FROM 1872 TO 1899, INCLUSIVE.

| FISCAL YEARS. | Spirits.     | Tobacco.     | Fermented Liquors. | Banks and Bankers. | Miscellaneous. | Adhesive Stamps. | Collections Under Repealed Laws. |
|---------------|--------------|--------------|--------------------|--------------------|----------------|------------------|----------------------------------|
| 1872          | \$49,475,516 | \$33,736,171 | \$8,258,498        | \$4,628,229        | \$442,205      | \$16,177,321     | \$19,053,007                     |
| 1873          | 52,099,372   | 34,386,303   | 9,324,938          | 3,771,031          | 461,653        | 7,702,377        | 6,329,782                        |
| 1874          | 49,444,090   | 33,242,876   | 9,304,680          | 3,387,161          | 364,216        | 6,136,845        | 764,880                          |
| 1875          | 52,081,991   | 37,303,462   | 9,144,004          | 4,097,248          | 281,108        | 6,557,230        | 1,080,111                        |
| 1876          | 56,426,365   | 39,795,340   | 9,571,281          | 4,006,698          | 409,284        | 6,518,488        | 509,631                          |
| 1877          | 57,469,430   | 41,106,547   | 9,480,789          | 3,829,739          | 419,999        | 6,450,429        | 238,261                          |
| 1878          | 50,420,816   | 40,091,755   | 9,987,052          | 3,492,932          | 346,008        | 6,380,405        | 429,659                          |
| 1879          | 52,570,285   | 40,135,003   | 10,729,320         | 3,198,884          | 578,591        | 6,237,538        | .....                            |
| 1880          | 61,185,509   | 38,870,149   | 12,829,803         | 3,350,985          | 383,755        | 7,668,394        | .....                            |
| 1881          | 67,153,975   | 42,854,991   | 13,700,241         | 3,782,208          | 231,078        | 7,924,708        | 152,163                          |
| 1882          | 69,873,408   | 47,391,989   | 16,153,920         | 5,253,458          | 199,830        | 7,570,109        | 78,559                           |
| 1883          | 74,368,775   | 42,104,250   | 16,900,616         | 3,748,995          | 305,803        | 7,053,053        | 71,852                           |
| 1884          | 76,905,385   | 26,062,400   | 18,084,954         | .....              | 289,144        | .....            | 265,068                          |
| 1885          | 67,511,209   | 26,407,088   | 18,230,782         | .....              | 222,681        | .....            | 49,361                           |
| 1886          | 69,092,266   | 27,907,363   | 19,676,731         | .....              | 194,422        | .....            | 32,087                           |
| 1887          | 65,766,076   | 30,083,710   | 21,918,213         | 4,288              | 219,058        | .....            | 29,283                           |
| 1888          | 69,287,431   | 30,636,076   | 23,324,218         | 4,203              | 154,970        | .....            | 9,548                            |
| 1889          | 74,302,887   | 31,862,195   | 23,723,835         | 6,179              | 83,893         | .....            | .....                            |
| 1890          | 81,682,970   | 33,949,998   | 26,008,635         | 69                 | 135,555        | .....            | .....                            |
| 1891          | 83,335,964   | 32,796,271   | 28,565,130         | .....              | 256,214        | .....            | .....                            |
| 1892          | 91,309,984   | 31,000,493   | 30,037,453         | .....              | 239,532        | .....            | .....                            |
| 1893          | 94,712,938   | 31,843,556   | 32,527,424         | .....              | 166,915        | .....            | .....                            |
| 1894          | 85,259,252   | 28,617,899   | 31,414,788         | 2                  | 1,876,509      | .....            | .....                            |
| 1895          | 79,862,637   | 29,707,906   | 31,640,618         | .....              | 1,860,794      | .....            | .....                            |
| 1896          | 80,670,071   | 30,711,629   | 33,784,235         | 135                | 1,664,545      | .....            | .....                            |
| 1897          | 82,008,543   | 30,710,297   | 32,472,162         | 85                 | 1,426,506      | .....            | .....                            |
| 1898          | 92,547,000   | 36,230,522   | 39,515,421         | 1,180              | 2,572,696      | 794,418          | .....                            |
| 1899          | 99,283,534   | 52,493,208   | 68,644,558         | .....              | 9,225,453      | 43,837,819       | .....                            |

Of the receipts in 1899 classed as "Miscellaneous," \$1,235,435 was from legacies, \$4,921,593 from special taxes on bankers, billiard rooms, brokers, and exhibitions, and \$643,446 from excise tax on gross receipts, under the War Revenue Law of 1898.

RECEIPTS BY STATES AND TERRITORIES.

FISCAL YEAR ENDED JUNE 30, 1899.

| STATES AND TERRITORIES.                | Aggregate Collections. | STATES AND TERRITORIES.        | Aggregate Collections. |
|--|------------------------|--------------------------------|------------------------|
| Alabama                                | \$508,296.92           | Montana, Idaho, and Utah       | \$681,097.21           |
| Arkansas                               | 269,936.50             | Nebraska and N. and S. Dakota  | 3,428,079.38           |
| California and Nevada                  | 4,348,693.48           | New Hampshire, Maine, Vermont. | 1,341,036.09           |
| Colorado and Wyoming                   | 1,248,135.22           | New Jersey                     | 8,074,281.18           |
| Connecticut and Rhode Island           | 2,916,759.03           | New Mexico and Arizona         | 132,867.28             |
| Florida                                | 682,422.50             | New York                       | 46,634,980.98          |
| Georgia                                | 941,726.30             | North Carolina                 | 4,921,016.91           |
| Illinois                               | 47,359,523.87          | Ohio                           | 21,341,065.75          |
| Indiana                                | 17,213,070.97          | Oregon, Washington, and Alaska | 1,074,921.81           |
| Iowa                                   | 2,003,256.26           | Pennsylvania                   | 23,335,573.53          |
| Kansas, Indian Ter., and Oklahoma      | 944,825.37             | South Carolina                 | 284,278.15             |
| Kentucky                               | 22,215,234.23          | Tennessee                      | 2,173,895.50           |
| Louisiana and Mississippi              | 2,254,173.74           | Texas                          | 1,577,833.59           |
| Maryland, Del., D C., and 2 Va. Dists. | 8,130,409.41           | Virginia                       | 4,815,851.68           |
| Massachusetts                          | 8,153,620.36           | West Virginia                  | 1,430,106.57           |
| Michigan                               | 4,643,795.49           | Wisconsin                      | 9,467,065.41           |
| Minnesota                              | 2,567,688.23           |                                |                        |
| Missouri                               | 16,369,075.34          | Total                          | \$273,484,573.44       |

Estimated Wealth of the United States.

SPECIAL AGENT J. K. UPTON, of the Eleventh Census, prepared the following estimate of the true valuation of all property in the United States in 1890:

The total true valuation of the real and personal property in the country at the close of the census period 1890 amounted to \$65,037,091,197, of which amount \$39,544,544,333 represents the value of real estate and improvements thereon and \$25,492,546,864 that of personal property, including railroads, mines, and quarries. At the same time the total assessed value of real and personal property taxed was \$25,473,173,413, of which amount \$18,956,556,675 represented real estate and improvements thereon and \$6,516,616,743 personal property.

The true valuation is what would be deemed a fair selling price for the property, and is thus termed in distinction from the assessed valuation, which is a value placed upon certain taxable property for taxation purposes only. The true valuation of property for 1890 is classified as follows

|  |                  |
|--|------------------|
| Real estate, with improvements thereon                             | \$39,544,544,333 |
| Live stock on farms and ranges, farm implements, and machinery     | 2,703,015,040    |
| Mines and quarries, including product on hand                      | 1,291,291,579    |
| Gold and silver coin and bullion                                   | 1,158,774,948    |
| Machinery of mills and product on hand, raw and manufactured       | 3,058,583,441    |
| Railroads and equipments, including \$283,898,519 street railroads | 8,685,407,323    |
| Telegraphs, telephones, shipping, and canals                       | 701,755,712      |
| Miscellaneous  | 7,893,708,821    |
| Total  | \$65,037,091,197 |

The estimated increase of wealth from 1880 to 1890 by Special Agent Upton was 49 per cent. A proportionate increase from 1890 to 1900 would indicate wealth of nearly \$100,000,000,000 at the beginning of the twentieth century.

Receipts and Expenditures of U. S. Government, 1866-99.

REVENUE BY FISCAL YEARS.

| YEARS.<br>Ending June 30. | Customs.      | Internal Revenue. | Direct Tax. | Sales of Public Lands. | Miscellaneous Sources.                  |                            |               | Total Revenue. | Excess of Revenue over Ordinary Expenditures. |
|---------------------------|---------------|-------------------|-------------|------------------------|---|----------------------------|---------------|----------------|---|
|                           |               |                   |             |                        | Premiums on Loans & Sales of Gold Coin. | Other Miscellaneous Items. | Total.        |                |   |
| 1866                      | \$179,046,653 | \$309,226,813     | \$1,974,574 | \$665,021              | \$38,083,056                            | \$29,036,314               | \$558,032,620 | \$37,223,203   |   |
| 1867                      | 176,417,811   | 266,027,537       | 4,200,234   | 1,163,576              | 27,787,330                              | 15,037,522                 | 490,634,010   | 133,091,335    |   |
| 1868                      | 164,464,600   | 191,087,589       | 1,738,146   | 1,345,715              | 29,203,629                              | 17,745,404                 | 405,638,033   | 28,279,927     |   |
| 1869                      | 180,403,427   | 158,356,461       | 765,686     | 4,020,844              | 13,755,491                              | 13,997,339                 | 370,943,747   | 47,078,669     |   |
| 1870                      | 194,538,374   | 184,899,756       | 229,103     | 3,350,482              | 15,295,644                              | 12,942,118                 | 411,255,478   | 101,601,917    |   |
| 1871                      | 206,270,408   | 143,098,154       | 580,355     | 2,388,647              | 8,892,840                               | 22,993,541                 | 383,323,946   | 91,146,577     |   |
| 1872                      | 216,370,287   | 130,642,178       | .....       | 2,575,714              | 9,412,638                               | 15,106,051                 | 374,106,869   | 96,588,905     |   |
| 1873                      | 188,089,523   | 113,729,314       | 315,255     | 2,882,312              | 11,560,531                              | 17,161,270                 | 335,738,205   | 43,302,969     |   |
| 1874                      | 163,103,834   | 102,409,785       | .....       | 1,852,429              | 5,037,665                               | 17,075,403                 | 289,478,755   | 2,344,882      |   |
| 1875                      | 157,167,722   | 110,007,494       | .....       | 1,413,640              | 3,979,280                               | 15,431,915                 | 288,000,061   | 13,376,658     |   |
| 1876                      | 148,071,985   | 116,700,732       | 93,799      | 1,129,467              | 4,029,281                               | 17,456,776                 | 287,482,039   | 29,032,244     |   |
| 1877                      | 130,956,493   | 118,630,408       | .....       | 976,254                | 405,777                                 | 18,051,655                 | 269,000,587   | 30,340,578     |   |
| 1878                      | 130,170,680   | 110,581,625       | .....       | 1,079,743              | 317,102                                 | 15,614,728                 | 257,763,879   | 20,799,552     |   |
| 1879                      | 137,250,048   | 113,561,611       | .....       | 924,781                | 1,505,048                               | 20,585,697                 | 273,827,184   | 6,879,301      |   |
| 1880                      | 186,522,065   | 124,009,374       | 31          | 1,016,507              | 110                                     | 21,978,525                 | 335,526,611   | 65,883,653     |   |
| 1881                      | 198,159,676   | 135,264,896       | 1,517       | 2,201,863              | .....                                   | 25,154,851                 | 360,782,293   | 100,069,405    |   |
| 1882                      | 220,410,730   | 146,497,595       | 160,142     | 4,753,140              | .....                                   | 31,703,643                 | 498,525,250   | 145,544,811    |   |
| 1883                      | 214,706,497   | 144,720,369       | 108,157     | 7,955,864              | .....                                   | 30,796,695                 | 398,287,582   | 132,879,444    |   |
| 1884                      | 195,067,490   | 121,586,073       | 70,721      | 9,810,705              | .....                                   | 21,994,882                 | 348,519,870   | 104,393,626    |   |
| 1885                      | 181,471,939   | 112,498,726       | .....       | 5,705,996              | .....                                   | 24,014,055                 | 323,690,706   | 63,463,771     |   |
| 1886                      | 192,905,023   | 116,805,936       | 108,240     | 5,630,999              | .....                                   | 20,999,528                 | 336,439,727   | 93,956,539     |   |
| 1887                      | 217,286,893   | 118,823,391       | 32,892      | 9,254,286              | .....                                   | 26,005,815                 | 371,403,778   | 103,471,098    |   |
| 1888                      | 219,091,174   | 124,296,872       | 1,566       | 11,202,017             | .....                                   | 24,674,446                 | 379,266,065   | 111,341,274    |   |
| 1889                      | 223,832,742   | 130,881,514       | .....       | 8,038,652              | .....                                   | 24,297,151                 | 387,050,059   | 87,761,061     |   |
| 1890                      | 229,668,585   | 142,606,706       | .....       | 6,358,273              | .....                                   | 24,447,420                 | 405,800,983   | 85,040,272     |   |
| 1891                      | 229,662,265   | 145,686,240       | .....       | 4,029,535              | .....                                   | 23,374,457                 | 392,612,447   | 26,838,542     |   |
| 1892                      | 177,452,964   | 153,971,072       | .....       | 3,261,876              | .....                                   | 20,251,872                 | 354,937,764   | 9,914,454      |   |
| 1893                      | 203,355,017   | 160,296,130       | .....       | 3,182,090              | .....                                   | 18,253,898                 | 385,818,629   | 2,341,674      |   |
| 1894                      | 131,818,531   | 147,111,232       | .....       | 1,673,537              | .....                                   | 17,118,618                 | 297,722,019   | *69,803,261    |   |
| 1895                      | 152,158,617   | 143,421,672       | .....       | 1,103,347              | .....                                   | 16,706,438                 | 313,390,075   | *42,805,223    |   |
| 1896                      | 160,021,752   | 146,762,865       | .....       | 1,005,523              | .....                                   | 19,186,061                 | 326,976,200   | *25,203,246    |   |
| 1897                      | 176,554,136   | 146,658,774       | .....       | 864,581                | .....                                   | 23,614,422                 | 347,721,905   | *18,052,254    |   |
| 1898                      | 149,814,594   | 169,943,040       | .....       | 1,243,129              | .....                                   | 83,505,319                 | 404,611,062   | *38,864,305    |   |
| 1899                      | 206,141,225   | 272,486,648       | .....       | .....                  | .....                                   | 37,024,793                 | 515,652,668   | *89,898,657    |   |

EXPENDITURES BY FISCAL YEARS.

| YEARS.<br>Ending June 30. | Premium on Loans and Purchase of Bonds, etc. | Other Civil and Miscellaneous Items. | War Department. | Navy Department. | Indians.    | Pensions.    | Interest on Public Debt. | Total                  |
|---------------------------|--|--------------------------------------|-----------------|------------------|-------------|--------------|--------------------------|------------------------|
|                           |  |                                      |                 |                  |             |              |                          | Ordinary Expenditures. |
| 1866                      | \$58,477                                     | \$41,056,962                         | \$284,449,702   | \$43,234,119     | \$3,247,065 | \$15,805,352 | \$133,067,742            | \$520,809,417          |
| 1867                      | 10,813,349                                   | 51,110,224                           | 95,224,418      | 51,034,011       | 4,642,532   | 20,936,552   | 143,781,592              | 357,542,875            |
| 1868                      | 7,001,151                                    | 53,009,865                           | 123,245,649     | 25,775,503       | 4,100,682   | 33,782,297   | 140,424,046              | 377,840,285            |
| 1869                      | 5,674,062                                    | 56,474,062                           | 73,501,991      | 20,000,758       | 7,042,923   | 28,476,622   | 130,624,243              | 329,865,778            |
| 1870                      | 15,996,556                                   | 53,237,462                           | 57,655,675      | 21,780,230       | 3,407,938   | 28,340,202   | 129,255,498              | 309,653,561            |
| 1871                      | 9,016,795                                    | 60,481,915                           | 35,799,992      | 19,431,027       | 7,426,997   | 34,443,995   | 126,756,596              | 282,177,188            |
| 1872                      | 6,968,267                                    | 60,984,757                           | 35,372,157      | 21,249,510       | 7,051,729   | 28,536,403   | 117,357,840              | 277,517,963            |
| 1873                      | 5,105,920                                    | 73,328,110                           | 33,523,138      | 23,526,257       | 7,951,705   | 29,359,427   | 104,750,689              | 290,345,245            |
| 1874                      | 1,305,074                                    | 69,641,593                           | 42,313,927      | 50,932,587       | 6,692,462   | 29,036,415   | 107,119,815              | 287,133,873            |
| 1875                      | .....  | 71,070,703                           | 41,120,645      | 21,497,626       | 8,384,657   | 29,456,216   | 100,943,971              | 274,623,393            |
| 1876                      | .....  | 66,968,374                           | 38,070,899      | 18,963,510       | 5,966,558   | 28,257,296   | 97,124,512               | 258,459,797            |
| 1877                      | .....  | 56,292,067                           | 37,082,736      | 14,959,395       | 5,277,007   | 27,965,732   | 97,124,512               | 238,060,009            |
| 1878                      | .....  | 53,177,704                           | 32,154,143      | 17,365,301       | 4,629,280   | 27,137,019   | 102,500,875              | 266,964,327            |
| 1879                      | .....  | 65,741,555                           | 40,425,051      | 15,125,127       | 5,206,109   | 35,121,482   | 105,327,949              | 266,947,883            |
| 1880                      | 2,795,320                                    | 54,713,530                           | 39,116,916      | 13,636,363       | 5,945,457   | 56,777,174   | 95,767,575               | 297,642,958            |
| 1881                      | 1,061,249                                    | 64,416,325                           | 40,469,461      | 15,986,672       | 6,514,161   | 50,059,280   | 82,508,741               | 290,712,888            |
| 1882                      | .....  | 57,219,717                           | 43,570,444      | 15,032,045       | 9,736,747   | 61,345,194   | 71,007,271               | 257,981,440            |
| 1883                      | .....  | 68,678,022                           | 45,911,383      | 15,283,437       | 7,362,500   | 66,012,574   | 59,160,131               | 305,408,138            |
| 1884                      | .....  | 70,920,434                           | 39,429,603      | 17,292,601       | 6,476,999   | 55,429,228   | 54,878,378               | 344,131,244            |
| 1885                      | .....  | 87,494,258                           | 40,790,578      | 16,021,080       | 6,552,495   | 56,126,267   | 51,386,256               | 345,254,244            |
| 1886                      | .....  | 74,166,930                           | 34,324,153      | 13,907,288       | 6,099,158   | 63,404,962   | 50,650,146               | 242,483,138            |
| 1887                      | .....  | 85,264,826                           | 38,561,025      | 15,141,127       | 6,194,523   | 75,029,102   | 47,741,577               | 297,924,801            |
| 1888                      | 8,270,842                                    | 72,962,251                           | 38,222,436      | 16,926,438       | 6,249,308   | 60,258,590   | 44,715,007               | 299,258,978            |
| 1889                      | 17,392,393                                   | 80,664,064                           | 44,435,271      | 21,378,309       | 6,892,208   | 67,864,779   | 41,152,484               | 318,004,711            |
| 1890                      | 20,304,241                                   | 81,405,256                           | 44,582,638      | 22,006,205       | 6,708,047   | 106,936,559  | 38,099,284               | 313,040,711            |
| 1891                      | .....  | 110,048,187                          | 48,730,055      | 26,113,893       | 8,527,469   | 124,415,951  | 37,547,115               | 365,773,905            |
| 1892                      | .....  | 92,841,968                           | 46,895,455      | 20,174,336       | 11,150,575  | 154,563,053  | 33,378,116               | 345,023,300            |
| 1893                      | .....  | 103,732,471                          | 49,841,758      | 30,136,084       | 13,845,347  | 159,257,558  | 27,364,892               | 333,477,954            |
| 1894                      | .....  | 102,165,471                          | 54,567,930      | 31,701,294       | 10,295,482  | 141,177,285  | 27,841,406               | 367,746,867            |
| 1895                      | .....  | 93,279,730                           | 51,894,759      | 23,797,795       | 9,939,754   | 117,779,229  | 30,978,030               | 356,195,298            |
| 1896                      | .....  | 87,216,235                           | 50,830,921      | 27,147,732       | 12,165,528  | 139,494,001  | 35,325,029               | 392,529,446            |
| 1897                      | .....  | 90,401,267                           | 49,950,267      | 34,561,542       | 13,016,523  | 141,053,164  | 37,751,110               | 365,774,159            |
| 1898                      | .....  | 96,546,303                           | 51,957,802      | 68,848,763       | 10,989,522  | 147,450,340  | 40,515,062               | 443,375,387            |
| 1899                      | .....  | 119,834,761                          | 228,834,154     | 64,314,440       | 12,784,676  | 139,387,353  | 39,895,940               | 605,551,823            |

The total receipts of the United States from the beginning of the Government, 1789, to 1899 have been: From customs, \$3,108,398,207; internal revenue, \$5,452,642,131; direct tax, \$28,131,944; public lands, \$292,829,924; miscellaneous, \$226,532,426; total, excluding loans, \$15,118,306,569.

The total expenditures of the United States from the beginning of the Government, 1789, to 1899 have been: For civil and miscellaneous, \$3,131,516,255; war, \$5,401,414,800; navy, \$1,512,730,414; Indians, \$358,170,220; pensions, \$2,517,731,380; interest, \$2,942,194,849; total, \$15,833,758,218.

\* Expenditures in excess of revenue.

## Patent Office Procedure.

THE following statement has been revised by the Patent Office for THE WORLD ALMANAC FOR 1900: Patents are issued in the name of the United States, and under the seal of the Patent Office, to any person who has invented or discovered any new and useful art, machine, manufacture, or composition of matter or any new and useful improvement thereof, not known or used by others in this country before his invention or discovery thereof and not patented or described in any printed publication in this or any foreign country, before his invention or discovery thereof or more than two years prior to his application, and not in public use or on sale in the United States for more than two years prior to his application, unless the same is proved to have been abandoned; and by any person who, by his own industry, genius, efforts, and expense, has invented and produced any new and original design for a manufacture, bust, statue, alto-relievo, or bas-relief; any new and original design for the printing of woollen, silk, cotton, or other fabrics; any new and original impression, ornament, pattern, print, or picture to be printed, painted, cast, or otherwise placed on or worked into any article of manufacture; or any new, useful, and original shape or configuration of any article of manufacture, the same not having been known nor used by others before his invention or production thereof, nor patented nor described in any printed publication, upon payment of the fees required by law and other due proceedings had.

Every patent contains a grant to the patentee, his heirs or assigns, for the term of seventeen years, of the exclusive right to make, use, and vend the invention or discovery throughout the United States and the Territories, referring to the specification for the particulars thereof.

If it appear that the inventor, at the time of making his application, believed himself to be the first inventor or discoverer, a patent will not be refused on account of the invention or discovery, or any part thereof, having been known or used in any foreign country before his invention or discovery thereof, if it had not been before patented or described in any printed publication.

Joint inventors are entitled to a joint patent; neither can claim one separately. Independent inventors of distinct and independent improvements in the same machine cannot obtain a joint patent for their separate inventions; nor does the fact that one furnishes the capital and another makes the invention entitle them to make application as joint inventors; but in such case they may become joint patentees.

No person otherwise entitled thereto will be debarred from receiving a patent for his invention or discovery, by reason of its having been first patented or caused to be patented by the inventor or his legal representatives or assigns in a foreign country, unless the application for said foreign patent was filed more than seven months prior to the filing of the application in this country, in which case no patent shall be granted in this country.

### APPLICATIONS.

Applications for a patent must be made in writing to the Commissioner of Patents. The applicant must also file in the Patent Office a written description of the same, and of the manner and process of making, constructing, compounding, and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art or science to which it appertains, or with which it is most nearly connected, to make, construct, compound, and use the same; and in case of a machine, he must explain the principle thereof, and the best mode in which he has contemplated applying that principle, so as to distinguish it from other inventions, and particularly point out and distinctly claim the part, improvement, or combination which he claims as his invention or discovery. The specification and claim must be signed by the inventor and attested by two witnesses.

When the nature of the case admits of drawings, the applicant must furnish a drawing of the required size, signed by the inventor or his attorney in fact, and attested by two witnesses. In all cases which admit of representation by model, the applicant, if required by the Patent Office, shall furnish a model of convenient size to exhibit advantageously the several parts of his invention or discovery.

The applicant shall make oath that he verily believes himself to be the original and first inventor or discoverer of the art, machine, manufacture, composition, or improvement for which he solicits a patent; that he does not know and does not believe that the same was ever before known or used, and shall state of what country he is a citizen and where he resides. In every original application the applicant must distinctly state under oath that the invention has not been patented to himself or to others with his knowledge or consent in this or any foreign country for more than two years prior to his application, or on an application for a patent filed in any foreign country by himself or his legal representatives or assigns more than seven months prior to his application. If any application for patent has been filed in any foreign country by the applicant in this country or by his legal representatives or assigns, prior to his application in this country, he shall state the country or countries in which such application has been filed, giving the date of such application, and shall also state that no application has been filed in any other country or countries than those mentioned; that to the best of his knowledge and belief the invention has not been in public use or on sale in the United States nor described in any printed publication or patent in this or any foreign country for more than two years prior to his application in this country. Such oath may be made before any person within the United States authorized by law to administer oaths, or, when the applicant resides in a foreign country, before any minister, chargé d'affaires, consul, or commercial agent holding commission under the Government of the United States, or before any notary public of the foreign country in which the applicant may be, provided such notary is authorized by the laws of his country to administer oaths.

On the filing of such application and the payment of the fees required by law, if, on examination, it appears that the applicant is justly entitled to a patent under the law, and that the same is sufficiently useful and important, the Commissioner will issue a patent therefor.

Every patent or any interest therein shall be assignable in law by an instrument in writing; and the patentee or his assigns or legal representatives may, in like manner, grant and convey an exclusive right under his patent to the whole or any specified part of the United States.

### REISSUES.

A reissue is granted to the original patentee, his legal representatives, or the assignees of the entire interest when, by reason of a defective or insufficient specification, or by reason of the patentee claiming as his invention or discovery more than he had a right to claim as new, the original patent is inoperative or invalid, provided the error has arisen from inadvertence, accident, or mistake, and without any fraudulent or deceptive intention. Reissue applications must be made and the specifications sworn to by the inventors, if they be living.

### CAVEATS.

A caveat, under the patent law, is a notice given to the office of the caveator's claim as inventor, in order to prevent the grant of a patent to another for the same alleged invention upon an application filed during the life of a caveat without notice to the caveator.

Any citizen of the United States who has made a new invention or discovery, and desires further

PATENT OFFICE PROCEDURE—Continued.

time to mature the same, may, on payment of a fee of ten dollars, file in the Patent Office a caveat setting forth the object and the distinguishing characteristics of the invention, and praying protection of his right until he shall have matured his invention. Such caveat shall be filed in the confidential archives of the office and preserved in secrecy, and shall be operative for the term of one year from the filing thereof. The caveat may be renewed, on request in writing, by the payment of a second fee of ten dollars, and it will continue in force for one year from the payment of such second fee.

The caveat must comprise a specification, oath, and, when the nature of the case admits of it, a drawing, and, like the application, must be limited to a single invention or improvement.

**FEES.**

Fees must be paid in advance, and are as follows: On filing each original application for a patent, \$15. On issuing each original patent, \$20. In design cases: For three years and six months, \$10; for seven years, \$15; for fourteen years, \$30. On filing each caveat, \$10. On every application for the reissue of a patent, \$30. On filing each disclaimer, \$10. For certified copies of patents and other papers in manuscript, ten cents per hundred words; for certified copies of printed patents, eighty cents. For uncertified printed copies of specifications and drawings of patents, for single copies, or any number of unclassified copies, five cents each; for copies by subclasses, three cents each; by classes, two cents each, and for the entire set of patents issued, in one order, one cent each. For recording every assignment, agreement, power of attorney, or other paper, of three hundred words or under, \$1; of over three hundred and under one thousand words, \$2; of over one thousand words, \$3. For copies of drawings, the reasonable cost of making them. The Patent Office is prepared to furnish positive blue-print photographic copies of any drawing, foreign or domestic, in the possession of the office, in sizes and at rates as follows: Large size, 10x15 inches, twenty-five cents; medium size, 7x11 inches, fifteen cents; small size, 5x8 inches, five cents. An order for small-sized copies can be filled only when it relates to the drawings of an application for patent.

**PATENT OFFICE STATISTICS.**

The receipts of the Patent Office during the year ending December 31, 1898, were \$1,137,734.48, and expenditures, \$1,136,196.20. Receipts over expenditures, \$1,538.28.

|   |               |
|---|---------------|
| The following is a statement of the business of the office for the year ending December 31, 1898: |               |
| Number of applications for patents .....  | 33,915        |
| Number of applications for design patents .....   | 1,843         |
| Number of applications for reissue patents .....  | 84            |
| Number of applications for registration of trade marks .....                                      | 1,796         |
| Number of applications for registration of labels .....   | 316           |
| Number of applications for prints .....   | 50            |
| Number of caveats filed .....   | 1,659         |
| <b>Total .....</b>  | <b>39,683</b> |
| Number of patents granted, including re-issues and designs .....                                  | 22,267        |
| Number of trade marks registered .....  | 1,238         |
| Number of labels registered .....   | 200           |
| Number of prints registered .....   | 35            |
| <b>Total .....</b>  | <b>23,740</b> |
| Number of patents withheld for non-payment of final fees .....                                    | 4,368         |
| Number of patents expired .....   | 15,548        |

The total number of applications filed at the Patent Office in sixty-two years, 1837-98, was 1,073,950; number of caveats filed, 109,074; number of original patents, including designs, issued, 623,535. Receipts to December 31, 1898, \$5,447,065.54; expenditures, \$30,429,868.52; net surplus, \$5,017,197.02. The largest number of patents granted for an article prior to January, 1895 has been for carriages and wagons, 20,000, and for stoves and furnaces, 18,000. The next largest has been for harvesters, 10,000; lamps and gas fittings, 10,000; boots and shoes, 10,000, and packing and storing vessels, 10,000, approximately.

**The American Indian.**

(Population in 1890 as Reported by the Census.)

|                   |        |                     |        |                      |        |                    |                |
|-------------------|--------|---------------------|--------|----------------------|--------|--------------------|----------------|
| Arizona .....     | 16,740 | Kansas .....        | 1,437  | Pueblos .....        | 8,278  | Utah .....         | 2,489          |
| California .....  | 15,283 | Louisiana .....     | 132    | New York .....       | 28     | Washington .....   | 10,837         |
| Colorado .....    | 1,034  | Maine .....         | 140    | Six Nations .....    | 5,304  | Wisconsin .....    | 8,896          |
| Connecticut ..... | 24     | Massachusetts ..... | 145    | North Carolina ..... | 231    | Wyoming .....      | 1,806          |
| Florida .....     | 215    | Michigan .....      | 6,991  | Cherokees .....      | 2,885  | War Department     |                |
| Georgia .....     | 2      | Minnesota .....     | 7,065  | North Dakota .....   | 7,952  | Apaches, Mt.       |                |
| Idaho .....       | 3,909  | Mississippi .....   | 1,404  | Oklahoma .....       | 5,689  | Vernon Bar-        |                |
| Illinois .....    | 1      | Missouri .....      | 14     | Oregon .....         | 4,282  | racks .....        | 384            |
| Indiana .....     | 71     | Montana .....       | 10,573 | South Dakota .....   | 19,845 | Indians in prison  | 184            |
| Ind'n Ter'tory    | 8,708  | Nebraska .....      | 3,864  | Tennessee .....      | 10     |                    |                |
| Five Civ. Tribes  | 66,289 | Nevada .....        | 4,956  | Texas .....          | 258    | <b>Total .....</b> | <b>249,273</b> |
| Iowa .....        | 397    | New Mexico .....    | 20,521 |                      |        |                    |                |

**INDIAN POPULATION IN DETAIL.**

The total Indian population of the United States, exclusive of Alaska, but including 32,567 counted in the general census, being the taxed or taxable Indians, numbers 249,273. The following table gives the division of the Indians in detail:

|   |                |
|---|----------------|
| Indians on reservations or at school, under control of the Indian office (not taxed or taxable) .....   | 133,382        |
| Indians incidentally under the Indian office, and self-supporting:  |                |
| The five civilized tribes, Indians and colored—Cherokees, 29,599; Chickasaws, 7,182; Choctaws, 14,397; Creeks, 14,632; Seminoles, 2,561; total, 68,371. Total Indians, 52,065; total colored Indian citizens and claimants, 14,224; grand total ..... | 66,289         |
| Pueblos of New Mexico .....   | 8,278          |
| Six Nations, Saint Regis, and other Indians of New York .....   | 5,304          |
| Eastern Cherokees of North Carolina .....   | 2,885          |
| Indians taxed or taxable, and self-sustaining citizens, counted in the general census (98 per cent not on reservations) .....   | 32,567         |
| Indians under control of the War Dep'tment, prisoners of war (Apaches at Mt. Vernon Bar'cks) .....  | 384            |
| Indians in State or Territorial prisons .....   | 184            |
| <b>Total .....</b>  | <b>249,273</b> |

## The Public Lands of the United States.

(Prepared for THE WORLD ALMANAC by the General Land Office, November, 1899.)

The following is a tabular statement showing land surface area and the number of acres of public lands surveyed in the following land States and Territories up to June 30, 1899; also the total area of the public domain remaining unsurveyed within the same, etc.

| LAND STATES AND TERRITORIES. | AREA, LAND SURFACE. |               | Number of Acres of Public Land Surveyed Up to June 30, 1899. | Total Area of Public and Indian Lands remaining Unserved, including the Area of Private Land Claims. | LAND STATES AND TERRITORIES. | AREA, LAND SURFACE. |               | Number of Acres of Public Land Surveyed Up to June 30, 1899. | Total Area of Public and Indian Lands remaining Unserved, including the Area of Private Land Claims. |
|------------------------------|---------------------|---------------|--|--|------------------------------|---------------------|---------------|--|--|
|                              | Acres.              | Square Miles. |  |  |                              | Acres.              | Square Miles. |  |  |
| Alabama...                   | 32,657,920          | 51,028        | 32,657,920   | .....  | Nevada....                   | 70,336,640          | 109,901       | 36,308,749   | 34,027,891   |
| Arkansas...                  | 33,543,680          | 52,412        | 33,543,680   | .....  | N. Dakota..                  | 44,910,080          | 70,172        | 35,027,972   | 9,882,108  |
| California...                | 99,969,920          | 156,203       | 76,460,657   | 23,509,263   | Ohio.....                    | 26,062,720          | 40,723        | 26,062,720   | .....  |
| Colorado...                  | 66,348,160          | 103,669       | 61,660,377   | 4,687,783  | Oregon.....                  | 61,277,440          | 95,746        | 44,859,322   | 16,418,118   |
| Florida.....                 | 35,072,640          | 54,801        | 30,832,684   | 4,239,956  | S. Dakota..                  | 49,206,400          | 76,885        | 42,390,433   | 6,915,967  |
| Illinois.....                | 35,842,560          | 56,004        | 35,842,560   | .....  | Wisconsin..                  | 35,274,880          | 55,117        | 35,274,880   | .....  |
| Indiana.....                 | 22,950,400          | 35, 60        | 22,950,400   | .....  | Washing'tn                   | 42,746,880          | 66,792        | 26,562,996   | 16,183,884   |
| Iowa.....                    | 35,646,080          | 55,697        | 35,646,080   | .....  | Wyoming...                   | 62,433,280          | 97,552        | 53,181,256   | 9,252,024  |
| Idaho.....                   | 53,293,440          | 83,271        | 17,384,542   | 35,908,898   | Alaska.....                  | 368,103,680         | 575,162       | 1,145  | 368,102,535  |
| Kansas.....                  | 52,382,720          | 81,848        | 52,382,720   | .....  | Arizona....                  | 72,.....2,320       | 113,738       | 17,398,913   | 55,393,407   |
| Louisiana...                 | 29,056,360          | 45,399        | 27,175,212   | 1,880,148  | Dist. of Col.                | .....               | 37,760        | 59   | .....  |
| Michigan...                  | 36,819,200          | 57,530        | 36,819,200   | .....  | Indian Ter.                  | 19,658,880          | 30,717        | 19,658,880   | .....  |
| Minnesota...                 | 51,198,080          | 79,997        | 47,091,402   | 4,106,678  | N. Mexico..                  | 78,428,800          | 122,545       | 50,875,576   | 27,553,224   |
| Mississippi...               | 29,695,120          | 46,883        | 29,695,120   | .....  | Oklahoma...                  | 24,774,400          | 38,710        | 24,774,400   | .....  |
| Missouri...                  | 43,795,840          | 68,431        | 43,795,840   | .....  | Utah.....                    | 52,541,440          | 82,096        | 17,760,686   | 34,780,754   |
| Montana....                  | 93,593,600          | 146,240       | 31,294,908   | 62,298,692   |                              |                     |               |  |  |
| Nebraska....                 | 49,137,280          | 76,777        | 49,087,797   | 49,483   | Total.....                   | 2,270,557,440       | 3,547,746     | 1,094,348,027  | *715,191,812   |

\* This estimate is of a very general nature, and affords no index to the disposable volume of land remaining nor the amount available for agricultural purposes. It includes Indian and other public reservations, unsurveyed private land claims, as well as surveyed private land claims, in the districts of Arizona, California, Colorado, and New Mexico; the sixteenth and thirty-sixth sections reserved for common schools; unsurveyed lands embraced in railroad, swamp land, and other grants; the great mountain areas; the areas of unsurveyed rivers and lakes, and large areas wholly unproductive and unavailable for ordinary purposes.

### PUBLIC LANDS VACANT AND SUBJECT TO ENTRY AND SETTLEMENT IN THE PUBLIC-LAND STATES AND TERRITORIES, JULY 1, 1899.

| STATES AND TERRITORIES. | Surveyed Land. | Unsurveyed Land. | Total Area. | STATES AND TERRITORIES. | Surveyed Land. | Unsurveyed Land. | Total Area. |
|-------------------------|----------------|------------------|-------------|-------------------------|----------------|------------------|-------------|
| Alabama.....            | 428,883        | .....            | 428,883     | Montana.....            | 18,535,425     | 50,538,066       | 69,073,491  |
| Alaska.....             | *              | 359,492,760      | 359,492,760 | Nebraska.....           | 10,221,567     | .....            | 10,221,567  |
| Arizona.....            | 10,887,865     | 41,337,596       | 52,225,461  | Nevada.....             | 29,168,462     | 32,158,273       | 61,326,740  |
| Arkansas.....           | 3,833,423      | .....            | 3,833,423   | New Mexico...           | 43,558,089     | 13,492,551       | 57,050,650  |
| California.....         | 3,742,949      | 8,162,247        | 42,925,296  | North Dakota..          | 12,091,904     | 7,836,126        | 19,928,030  |
| Colorado.....           | 35,647,881     | 4,538,110        | 40,185,991  | Oklahoma.....           | 6,290,220      | 2,450            | 6,292,700   |
| Florida.....            | 1,532,766      | 137,662          | 1,670,428   | Oregon.....             | 24,145,544     | 11,182,794       | 35,328,338  |
| Idaho.....              | 11,670,635     | 32,325,773       | 43,996,408  | South Dakota..          | 11,076,557     | 1,030,567        | 12,107,114  |
| Kansas.....             | 1,059,664      | .....            | 1,059,664   | Utah.....               | 9,770,066      | 34,034,441       | 43,804,507  |
| Louisiana...            | 528,062        | 65,018           | 593,080     | Washington...           | 5,386,940      | 6,369,845        | 11,756,785  |
| Michigan...             | 473,013        | .....            | 473,013     | Wyoming.....            | 374,243        | .....            | 374,243     |
| Minnesota...            | 3,317,496      | 2,309,908        | 5,627,394   | Wyoming.....            | 42,709,311     | 6,068,032        | 48,777,343  |
| Mississippi...          | 285,730        | .....            | 285,730     |                         |                |                  |             |
| Missouri...             | 449,029        | .....            | 449,029     | Grand total, acres.     | 318,205,724    | 611,162,344      | 929,368,068 |

\* The unreserved lands in Alaska are mostly unsurveyed and unappropriated.  
 † This aggregate is exclusive of Ohio, Indiana, Illinois, and Iowa, in which, if any public land remains, it consists of a few small isolated tracts. It is also exclusive of military and Indian reservations, reservoir sites, and timber reservations, and tracts covered by selections, filings, railroad grants, and claims as yet unadjudicated, a part of which may in the future be added to the public domain.

The receipts of the General Land Office in the fiscal year ended June 30, 1899, were: From disposal of public land, \$2,594,600; disposal of Indian land, \$442,914; depredations on public land, \$15,050; sales of timber (act March 3, 1891), \$3,065; sales of timber (act June 4, 1897), \$1,499; sales of Government property, \$1,972; for furnishing of records and plats, \$10,947; from fees and commissions, \$890,702. Total cash receipts, \$3,070,137.

Railroads during the fiscal year selected 754,002.37 acres, and State selections were 1,354,185.62 acres.



PUBLIC LANDS OF THE UNITED STATES—Continued.

STATEMENT OF NUMBER OF ACRES ENTERED ANNUALLY UNDER THE HOMESTEAD AND TIMBER CULTURE ACTS, FROM JULY 1, 1866, TO JUNE 30, 1899, INCLUSIVE.

| YEAR ENDING JUNE 30. | Homestead Entries. | Timber Culture. | YEAR ENDING JUNE 30. | Homestead Entries. | Timber Culture. | YEAR ENDING JUNE 30. | Homestead Entries. | Timber Culture. |
|----------------------|--------------------|-----------------|----------------------|--------------------|-----------------|----------------------|--------------------|-----------------|
| 1867                 | 1,834,513          | .....           | 1878                 | 4,496,855          | 1,902,038       | 1889                 | 6,029,230          | 2,551,069       |
| 1868                 | 2,332,151          | .....           | 1879                 | 5,267,385          | 2,775,503       | 1890                 | 5,551,678          | 1,787,403       |
| 1869                 | 2,698,482          | .....           | 1880                 | 6,054,708          | 2,169,484       | 1891                 | 5,040,393          | 969,006         |
| 1870                 | 3,754,203          | .....           | 1881                 | 5,028,101          | 1,763,799       | 1892                 | 7,716,062          | 41,375          |
| 1871                 | 4,657,355          | .....           | 1882                 | 6,348,045          | 2,546,686       | 1893                 | 6,808,791          | 10,989          |
| 1872                 | 4,595,435          | .....           | 1883                 | 8,171,914          | 3,110,930       | 1894                 | 8,046,968          | 4,209           |
| 1873                 | 3,760,200          | 50,246          | 1884                 | 7,831,510          | 4,084,464       | 1895                 | 5,009,491          | 3,589           |
| 1874                 | 3,489,570          | 851,226         | 1885                 | 7,415,886          | 4,755,006       | 1896                 | 4,830,915          | 1,226           |
| 1875                 | 2,369,782          | 473,694         | 1886                 | 9,145,136          | 5,391,309       | 1897                 | 4,452,289          | 646             |
| 1876                 | 2,867,814          | 599,918         | 1887                 | 7,594,350          | 4,221,397       | 1898                 | 6,206,557          | 160             |
| 1877                 | 2,176,257          | 524,552         | 1888                 | 6,670,616          | 3,735,305       | 1899                 | 6,177,587          | 80              |

Lands patented by the United States up to June 30, 1897: To States for wagon roads, 1,987,027.58 acres; to States for canal purposes, 4,433,073.06 acres; to States and corporations for railroad purposes, 87,915,326.79 acres; under river improvement grants, 1,406,210.80 acres; total, 95,741,638.23 acres.

UNITED STATES LAND OFFICES.

| STATE OR TERRITORY. | Land Office.       | STATE OR TERRITORY. | Land Office.  | STATE OR TERRITORY. | Land Office.    |
|---------------------|--------------------|---------------------|---------------|---------------------|-----------------|
| Alabama             | Huntsville.        | Iowa                | Des Moines.   | No. Dakota          | Minot.          |
|                     | Montgomery.        | Kansas              | Colby.        | Oklahoma            | Alva.           |
| Alaska              | Sitka.             |                     | Dodge City.   |                     | Enid.           |
|                     | Circle City.       |                     | Topeka.       |                     | Guthrie.        |
|                     | Peavey.            |                     | Wakeeney.     |                     | Kingfisher.     |
|                     | Rainpart City.     | Louisiana           | Natchitoches. |                     | Mangum.         |
| Arizona             | Prescott.          |                     | New Orleans.  |                     | Oklahoma.       |
|                     | Tucson.            | Michigan            | Marquette.    |                     | Perry.          |
| Arkansas            | Camden.            | Minnesota           | Cookston.     |                     | Woodward.       |
|                     | Dardanelle.        |                     | Duluth.       | Oregon              | Lagrange.       |
|                     | Harrison.          |                     | Marshall.     |                     | Lakeview.       |
|                     | Little Rock.       |                     | St. Cloud.    |                     | Oregon City.    |
| California          | Eureka.            | Mississippi         | Jackson.      |                     | Burns.          |
|                     | Independence.      | Missouri            | Boonville.    |                     | Roseburgh.      |
|                     | Los Angeles.       |                     | Ironton.      |                     | The Dalles.     |
|                     | Marysville.        |                     | Springfield.  | So. Dakota          | Aberdeen.       |
|                     | Redding.           | Montana             | Bozeman.      |                     | Chamberlain.    |
|                     | Sacramento.        |                     | Helena.       |                     | Huron.          |
|                     | San Francisco.     |                     | Kalispell.    |                     | Mitchell.       |
|                     | Stockton.          |                     | Lewistown.    |                     | Pierre.         |
|                     | Susanville.        |                     | Miles City.   |                     | Rapid City.     |
|                     | Visalia.           |                     | Missoula.     |                     | Watertown.      |
| Colorado            | Airon.             | Nebraska            | Alliance.     | Utah                | Salt Lake City. |
|                     | Del Norte.         |                     | Brokenbow.    | Washington          | North Yakima.   |
|                     | Denver.            |                     | Lincoln.      |                     | Olympia.        |
|                     | Glarango.          |                     | McCook.       |                     | Seattle.        |
|                     | Glennwood Springs. |                     | North Platte. |                     | Spokane.        |
|                     | Gunnison.          |                     | O'Neill.      |                     | Vancouver.      |
|                     | Hugo.              |                     | Sidney.       |                     | Walla Walla.    |
|                     | Lamar.             |                     | Valentine.    |                     | Waterville.     |
|                     | Leadville.         | Nevada              | Carson City.  | Wisconsin           | Ashland.        |
|                     | Montrose.          | New Mexico          | Clayton.      |                     | Eau Claire.     |
|                     | Pueblo.            |                     | Las Cruces.   |                     | Wausau.         |
|                     | Sterling.          |                     | Roswell.      | Wyoming             | Buffalo.        |
| Florida             | Gainesville.       |                     | Santa Fé.     |                     | Cheyenna.       |
| Idaho               | Blackfoot.         | No. Dakota          | Bismarck.     |                     | Douglas.        |
|                     | Boise.             |                     | Devil's Lake. |                     | Evanston.       |
|                     | Coeur d'Alene.     |                     | Fargo.        |                     | Lander.         |
|                     | Hailey.            |                     | Grand Forks.  |                     | Sundance.       |
|                     | Lewiston.          |                     |               |                     |                 |

The Yellowstone National Park.

THE reservation known as the Yellowstone National Park, set apart for public uses by an act of Congress passed in 1872, covers a tract of about sixty-five miles in length, from north to south, and about fifty-five miles in width, from east to west, lying chiefly in Northwestern Wyoming, and overlapping, to a small extent, the boundaries of Montana, on the north, and Idaho, on the west. This gives an area of 3,312 square miles, a tract that is nearly the area of the States of Rhode Island and Delaware combined, and nearly half as large as the State of Massachusetts. The Rocky Mountain chain crosses the southwestern portion in an irregular line, leaving by far the greater expanse on the eastern side. The least elevation of any of the narrow valleys is 6,000 feet, and some of them are from 1,000 to 2,000 feet higher. The mountain ranges which hem in these valleys are from 10,000 to upward of 11,000 feet in height, Electric Peak (in the northwest corner of the park, not far back of Mammoth Hot Springs) having an elevation of 11,155 feet, and Mount Langford and Turret Mountain (both in the Yellowstone Range) reaching the height of 11,155 and 11,142 feet respectively.

# United States Pension Statistics.

NUMBER OF PENSIONERS ON THE ROLL JUNE 30, 1899.

| LOCATION OF AGENCY.   | GENERAL LAW. |         |              |           | ACT OF JUNE 27, 1890. |           |              |           | Number of pensioners on the roll June 30, 1899. | Number of pensioners on the roll June 30, 1898. |              |
|-----------------------|--------------|---------|--------------|-----------|-----------------------|-----------|--------------|-----------|---|---|--------------|
|                       | Army.        |         | Navy.        |           | Army.                 |           | Navy.        |           |   |   |              |
|                       | Invalids.    | Nurses. | Widows, etc. | Invalids. | Widows, etc.          | Invalids. | Widows, etc. | Invalids. |   |   | Widows, etc. |
| Topeka.....           | 29,672       | 68      | 6,261        | ....      | ....                  | 57,125    | 13,393       | ....      | ....  | 109,096   | 108,532      |
| Columbus...           | 37,469       | 53      | 10,977       | ....      | ....                  | 45,422    | 11,604       | ....      | ....  | 106,355   | 106,450      |
| Chicago.....          | 26,615       | 66      | 7,431        | 1,013     | 328                   | 26,087    | 8,138        | 3,478     | 871   | 75,585  | 76,067       |
| Indianapolis          | 35,971       | 24      | 8,034        | ....      | ....                  | 18,661    | 5,833        | ....      | ....  | 69,496  | 69,712       |
| Philadelph'ia         | 13,376       | 39      | 5,883        | 683       | 353                   | 27,980    | 11,813       | 1,917     | 1,066   | 63,716  | 63,442       |
| Des Moines...         | 22,993       | 58      | 4,063        | ....      | ....                  | 25,113    | 5,011        | ....      | ....  | 57,941  | 57,915       |
| Knoxville...          | 9,313        | 33      | 3,784        | ....      | ....                  | 25,430    | 8,459        | ....      | ....  | 57,552  | 58,087       |
| Washington...         | 14,862       | 83      | 4,212        | 939       | 562                   | 23,447    | 6,645        | 2,954     | 1,009   | 56,266  | 56,128       |
| Boston.....           | 14,071       | 53      | 6,229        | 1,187     | 588                   | 18,539    | 9,735        | 3,134     | 1,445   | 55,667  | 55,655       |
| New York...           | 11,635       | 32      | 5,311        | 682       | 422                   | 18,234    | 11,395       | 2,606     | 1,583   | 52,585  | 53,971       |
| Milwaukee...          | 20,471       | 29      | 4,350        | ....      | ....                  | 21,773    | 4,721        | ....      | ....  | 51,763  | 51,881       |
| Pittsburgh...         | 12,936       | 6       | 4,106        | ....      | ....                  | 25,127    | 7,070        | ....      | ....  | 49,510  | 49,394       |
| Buffalo.....          | 17,652       | 20      | 6,004        | ....      | ....                  | 17,417    | 5,545        | ....      | ....  | 46,971  | 47,079       |
| Detroit.....          | 18,480       | 14      | 4,166        | ....      | ....                  | 17,563    | 4,028        | ....      | ....  | 44,567  | 45,113       |
| Louisville...         | 8,171        | 9       | 3,078        | ....      | ....                  | 12,321    | 4,463        | ....      | ....  | 29,017  | 29,103       |
| San Fran.....         | 5,053        | 56      | 966          | 217       | 40                    | 14,225    | 2,249        | 839       | 165   | 26,675  | 25,719       |
| Augusta.....          | 9,148        | 6       | 2,643        | ....      | ....                  | 6,120     | 1,617        | ....      | ....  | 19,727  | 20,070       |
| Concord.....          | 8,946        | 4       | 2,770        | ....      | ....                  | 5,403     | 1,778        | ....      | ....  | 19,027  | 19,396       |
| Total.....            | 316,834      | 653     | 90,608       | 4,721     | 2,293                 | 405,987   | 124,127      | 14,925    | 6,139   | 991,519   | 993,714      |
| Inc. during year..... | ....         | ....    | ....         | ....      | ....                  | 6,621     | 4,342        | 382       | 195   | ....  | ....         |
| Dec. during year..... | 10,246       | 2       | 1,949        | 112       | 7                     | ....      | ....         | ....      | ....  | 2,195   | ....         |

Pensioners of the war of 1812—Survivor, 1; widows, 1,993. Pensioners of the war with Mexico—Survivors, 9,204; widows, 8,175. Indian wars—Survivors, 1,656; widows, 3,899. War with Spain—Invalids, 123; widows, 177.

## NUMBER OF PENSION CLAIMS, PENSIONERS, AND DISBURSEMENTS, 1861-99.

| FISCAL YEAR ENDING JUNE 30. | ARMY AND NAVY.  |              | Total Number of Applications Filed. | Total Number of Claims Allowed. | NUMBER OF PENSIONERS ON THE ROLL. |              |         | Disbursements.     |
|-----------------------------|-----------------|--------------|-------------------------------------|---------------------------------|-----------------------------------|--------------|---------|--------------------|
|                             | Claims Allowed. |              |                                     |                                 | Invalids.                         | Widows, etc. | Total.  |                    |
|                             | Invalids.       | Widows, etc. |                                     |                                 |                                   |              |         |                    |
| 1861.....                   | ....            | ....         | ....                                | ....                            | 4,337                             | 4,299        | 8,636   | \$1,072,461.55     |
| 1862.....                   | 413             | 49           | 2,487                               | 462                             | 4,341                             | 3,818        | 8,159   | 790,384.76         |
| 1863.....                   | 4,121           | 3,763        | 49,332                              | 7,884                           | 7,821                             | 6,970        | 14,791  | 1,025,139.91       |
| 1864.....                   | 17,041          | 22,446       | 53,599                              | 39,487                          | 23,479                            | 27,656       | 51,135  | 4,504,616.92       |
| 1865.....                   | 15,212          | 24,959       | 72,684                              | 40,171                          | 35,880                            | 50,106       | 85,986  | 8,525,153.11       |
| 1866.....                   | 22,883          | 27,294       | 65,256                              | 50,177                          | 55,652                            | 71,070       | 126,722 | 13,459,996.43      |
| 1867.....                   | 16,589          | 19,893       | 36,753                              | 36,482                          | 69,565                            | 83,618       | 153,183 | 18,619,956.46      |
| 1868.....                   | 9,460           | 19,461       | 20,768                              | 28,921                          | 75,957                            | 93,686       | 169,643 | 24,010,981.99      |
| 1869.....                   | 7,292           | 15,904       | 26,016                              | 23,196                          | 82,859                            | 105,104      | 187,963 | 28,422,884.08      |
| 1870.....                   | 5,721           | 12,500       | 24,851                              | 18,221                          | 87,551                            | 111,165      | 198,686 | 27,780,811.81      |
| 1871.....                   | 7,934           | 8,399        | 43,969                              | 16,562                          | 93,394                            | 114,101      | 207,495 | 33,077,383.63      |
| 1872.....                   | 6,468           | 7,244        | 26,391                              | 34,333                          | 113,954                           | 118,275      | 232,299 | 30,169,341.00      |
| 1873.....                   | 6,551           | 4,073        | 18,303                              | 16,052                          | 119,500                           | 118,911      | 238,411 | 29,185,289.62      |
| 1874.....                   | 5,937           | 3,152        | 16,734                              | 10,462                          | 121,628                           | 114,613      | 236,241 | 30,583,749.56      |
| 1875.....                   | 5,760           | 4,736        | 18,704                              | 11,152                          | 122,989                           | 111,832      | 234,821 | 29,683,116.63      |
| 1876.....                   | 5,360           | 4,376        | 23,523                              | 9,977                           | 124,239                           | 107,898      | 232,137 | 28,351,599.69      |
| 1877.....                   | 7,282           | 3,861        | 22,715                              | 11,326                          | 128,723                           | 103,381      | 232,104 | 28,580,157.04      |
| 1878.....                   | 7,414           | 3,550        | 44,587                              | 11,962                          | 131,649                           | 92,349       | 232,998 | 26,844,415.18      |
| 1879.....                   | 7,242           | 3,379        | 57,118                              | 31,346                          | 138,615                           | 104,140      | 242,755 | 33,780,526.19      |
| 1880.....                   | 10,176          | 4,455        | 141,466                             | 19,545                          | 145,410                           | 105,392      | 250,802 | 57,240,540.14      |
| 1881.....                   | 21,394          | 3,920        | 31,116                              | 27,394                          | 164,110                           | 104,720      | 268,830 | 50,626,538.51      |
| 1882.....                   | 22,946          | 3,939        | 40,939                              | 27,664                          | 182,633                           | 103,604      | 285,997 | 54,296,280.54      |
| 1883.....                   | 32,014          | 5,303        | 48,776                              | 38,162                          | 206,042                           | 97,616       | 303,658 | 60,431,972.85      |
| 1884.....                   | 27,414          | 6,366        | 41,785                              | 34,192                          | 225,470                           | 97,286       | 323,756 | 57,273,536.74      |
| 1885.....                   | 27,580          | 7,743        | 40,918                              | 35,767                          | 247,146                           | 97,979       | 345,125 | 65,693,706.72      |
| 1886.....                   | 31,937          | 8,610        | 49,895                              | 40,857                          | 270,346                           | 95,437       | 365,783 | 64,584,270.45      |
| 1887.....                   | 35,283          | 11,217       | 72,465                              | 55,194                          | 306,298                           | 99,709       | 406,007 | 74,815,486.85      |
| 1888.....                   | 35,843          | 10,816       | 75,726                              | 60,252                          | 343,701                           | 108,586      | 452,557 | 79,646,146.37      |
| 1889.....                   | 36,830          | 11,924       | 81,220                              | 51,921                          | 373,699                           | 116,026      | 489,725 | 89,131,968.44      |
| 1890.....                   | 50,395          | 14,612       | 105,044                             | 66,637                          | 415,654                           | 122,290      | 537,944 | 106,493,890.19     |
| 1891.....                   | 41,381          | 11,914       | 363,799                             | 156,486                         | 536,821                           | 139,339      | 676,160 | 118,548,959.71     |
| 1892.....                   | 17,876          | 7,287        | 198,345                             | 224,047                         | 703,242                           | 172,826      | 876,068 | 141,086,948.84     |
| 1893.....                   | 10,232          | 7,295        | 119,361                             | 121,630                         | 759,706                           | 206,306      | 966,012 | 158,155,342.51     |
| 1894.....                   | 6,129           | 4,225        | 40,148                              | 39,085                          | 746,382                           | 215,162      | 969,544 | 140,772,163.78     |
| 1895.....                   | 5,415           | 3,627        | 37,060                              | 39,185                          | 750,951                           | 219,567      | 970,524 | 140,959,361.00     |
| 1896.....                   | 3,864           | 3,912        | 33,749                              | 40,374                          | 747,967                           | 222,557      | 970,678 | 139,280,075.00     |
| 1897.....                   | 3,726           | 4,612        | 39,847                              | 50,161                          | 746,829                           | 229,185      | 976,014 | 140,845,772.00     |
| 1898.....                   | 3,741           | 4,339        | 37,524                              | 52,648                          | 760,853                           | 232,861      | 993,714 | 145,748,865.56     |
| 1899.....                   | 1,975           | 3,460        | 48,765                              | 37,077                          | 753,451                           | 238,068      | 991,519 | 139,482,696.00     |
| Total.....                  | 584,831         | 328,721      | 2,271,705                           | 1,616,391                       | ....                              | ....         | ....    | \$2,423,592,488.00 |

UNITED STATES PENSION STATISTICS—Continued.

PENSION AGENCIES AND GEOGRAPHICAL LIMITS, JUNE 30, 1899.

| AGENCIES.         | Geographical Limits.                                 | Pay Places Naval Pensioners. | Disbursements.   |
|-------------------|--|------------------------------|------------------|
| Augusta.....      | Maine.....   | Boston.....                  | \$2,926,929.78   |
| Boston.....       | Connecticut, Massachusetts, Rhode Island.....        | Boston.....                  | 7,239,522.20     |
| Buffalo.....      | Western New York.....                                | New York City                | 6,412,862.28     |
| Chicago.....      | Illinois.....  | Chicago.....                 | 10,689,781.54    |
| Columbus.....     | Ohio.....  | Chicago.....                 | 15,394,829.03    |
| Concord.....      | New Hampshire, Vermont.....                          | Boston.....                  | 2,909,706.60     |
| Des Moines.....   | Iowa, Nebraska.....                                  | Chicago.....                 | 8,333,509.13     |
| Detroit.....      | Michigan.....  | Chicago.....                 | 6,756,289.75     |
| Indianapolis..... | Indiana.....   | Chicago.....                 | 10,843,629.60    |
| Knoxville.....    | Southern States*.....                                | Washington.....              | 7,500,524.36     |
| Louisville.....   | Kentucky.....  | Chicago.....                 | 4,146,657.90     |
| Milwaukee.....    | Minnesota, Dakotas, Wisconsin.....                   | Chicago.....                 | 7,291,975.64     |
| New York.....     | East New York, East New Jersey.....                  | New York City                | 6,884,244.83     |
| Philadelphia..... | East Pennsylvania, West New Jersey.....              | Philadelphia..               | 7,901,309.84     |
| Pittsburgh.....   | West Pennsylvania.....                               | Philadelphia..               | 6,731,453.73     |
| San Francisco     | Pacific Coast.....                                   | San Francisco..              | 3,521,701.96     |
| Topeka.....       | Colorado, Kansas, Missouri, New Mexico.....          | Chicago.....                 | 15,071,152.51    |
| Washington.....   | Delaware, Maryland, Virginia, W. Va., D. C., Foreign | Washington....               | 8,926,615.19     |
| Total.....        |  |                              | \$139,482,695.87 |

\* Excepting the States in the Louisville and Washington districts.

The expenses of the Pension Bureau and of pension agencies in disbursing the pension fund during the fiscal year were \$3,854,774.23. From 1866 to 1899 inclusive, this expense has been \$65,715,183.98. The names of the pension agents will be found in the list of officials of the Federal Government.

PENSIONERS IN EACH STATE AND TERRITORY.

|                 |        |               |        |               |        |               |         |              |         |
|-----------------|--------|---------------|--------|---------------|--------|---------------|---------|--------------|---------|
| Alabama.....    | 3,692  | Idaho.....    | 1,350  | Michigan..... | 45,170 | N. Car'a..... | 3,971   | Utah.....    | 796     |
| Alaska T.....   | 85     | Illinois..... | 70,476 | Minn.....     | 16,554 | N. Dak....    | 1,762   | Vermont....  | 9,480   |
| Arizona T.....  | 651    | Indiana.....  | 67,095 | Miss.....     | 4,095  | Ohio.....     | 105,627 | Virginia.... | 8,820   |
| Arkansas.....   | 10,472 | Indian T..... | 2,812  | Missouri..... | 53,876 | Okla. T.....  | 6,861   | Washing'n    | 5,765   |
| California..... | 17,566 | Iowa.....     | 37,955 | Montana.....  | 1,461  | Oregon.....   | 5,031   | West Va....  | 13,067  |
| Colorado.....   | 7,438  | Kansas.....   | 41,791 | Nebras'a      | 17,611 | Penn.....     | 104,681 | Wisconsin..  | 28,005  |
| Conn.....       | 12,058 | Kentuc'y      | 28,927 | Nevada.....   | 266    | R. Island..   | 4,404   | Wyoming....  | 279     |
| Delaware.....   | 2,743  | Louis'a       | 5,246  | N. Hamp.....  | 9,042  | S. Car'a....  | 1,627   | Foreign....  | 4,306   |
| D. of Col.....  | 8,679  | Maine.....    | 20,532 | N. Jersey..   | 20,824 | S. Dak....    | 4,314   | Total.....   | 991,519 |
| Florida.....    | 3,021  | Marya'd       | 12,039 | N. Mex.....   | 1,559  | Tenn.....     | 18,327  |              |         |
| Georgia.....    | 3,674  | Mass.....     | 38,754 | N. York....   | 87,527 | Texas.....    | 7,955   |              |         |

The oldest pensioner on the rolls June 30, 1899, was Hiram Cronk, aged 99 years.

WIDOWS OF REVOLUTIONARY SOLDIERS ON PENSION ROLLS JUNE 30, 1899.

| NAME OF WIDOW.       | Age. | Name of Soldier.    | Service of Soldier.     | Widow's Residence.  |
|----------------------|------|---------------------|-------------------------|---------------------|
| Damon, Esther S..... | 85   | Damon, Noah.....    | Massachusetts troops..  | Plymouth Union, Vt. |
| Jones, Nancy.....    | 85   | Darling, James..... | North Carolina troops.. | Jonesboro, Tenn.    |
| Mayo, Rebecca.....   | 86   | Mayo, Stephen.....  | Virginia troops.....    | Newbern, Va.        |
| Snead, Mary.....     | 83   | Snead, Bowdoin..... | Virginia troops.....    | Parksley, Va.       |

It will be seen that it is possible that the widow of a Revolutionary soldier may be drawing a pension in the year 1916. For a similar reason the widow of a veteran of the late Civil War may be living in 2002, and of the war with Spain in 2050.

SURVIVOR OF THE WAR OF 1812 ON PENSION ROLLS JUNE 30, 1899.

| NAME.             | Age. | Service (troops). | Town.              | State.    |
|-------------------|------|-------------------|--------------------|-----------|
| Cronk, Hiram..... | 99   | New York.....     | North Western..... | New York. |

Mrs. U. S. Grant and Mrs. J. A. Garfield receive pensions of \$5,000 a year; Mrs. Phil. Sheridan has \$2,500; eight, including Mrs. John C. Fremont, Mrs. Logan, and Mrs. George B. McClellan, receive \$2,000 a year, and forty-five receive \$1,200 a year. Among these are the widows of Generals Banks, Gresham, Custer, Doubleday, Hartranft, Robert Anderson, Casey, Gibbon, Kilpatrick, Mower, Paul, Ricketts, Warren, and Rousseau, and Admiral Wilkes. Among the notable pensioners who receive pensions of \$100 a month are John A. McClernand, of Illinois; ex-Senator John M. Thayer, of Lincoln, Neb.; Franz Sigel, of New York, and John C. Black, of Chicago.

The following are the ratings per month for disabilities incurred in the service:

**Army.**—Lieutenant-colonel and all officers of higher rank, \$30; major, surgeon, and paymaster, \$25; captain and chaplain, \$20; first lieutenant and assistant surgeon, \$17; second lieutenant and enrolling officer, \$15; enlisted men, \$8.

**Navy.**—Captain and all officers of higher rank, commander, surgeon, paymaster, and chief engineer, \$30; lieutenant, passed assistant surgeon, surgeon, paymaster, and chief engineer, \$25; master, professor of mathematics, and assistant surgeon, \$20; first assistant engineer, ensign, and pilot, \$15; cadet midshipman, passed midshipman, midshipman, warrant officers, \$10; enlisted men, \$8.

## Foreign Trade of the United States.

(Prepared for THE WORLD ALMANAC by the Bureau of Statistics of the Treasury Department.)

## EXPORTS.

MERCHANDISE AND SPECIE EXPORTED FROM THE UNITED STATES DURING THE FISCAL YEAR  
ENDED JUNE 30, 1899.

| ARTICLES.  | Quantities.   | Values.      | ARTICLES.                              | Quantities.   | Values.         |
|--|---------------|--------------|--|---------------|-----------------|
| Domestic Merchandise.  |               |              | Domestic Merchandise.                  |               |                 |
| Agricultural Implements.....   | ....          | \$12,482,197 | Oils: Animal.....galls.                | 2,109,504     | \$704,127       |
| Animals.....   | ....          | 37,880,916   | “ Mineral, Crude.....galls.            | 113,088,060   | 5,202,892       |
| Books, Maps, Engravings, and other<br>Printed Matter.....            | ....          | 2,656,138    | “ Mineral, Refined or Manuf'd.....     | ....          | 51,070,276      |
| Breadstuffs: Corn.....bush.  | 174,089,094   | 68,977,448   | “ Vegetable.....                       | ....          | 18,809,385      |
| “ Wheat.....bush.  | 139,432,815   | 104,989,179  | Paper, and Manufactures of.....        | ....          | 6,477,884       |
| “ Wheat Flour.....bbls.  | 18,485,670    | 73,089,870   | Paraffine, Paraffine Wax.....          | 6,630,684     | 6,804,684       |
| Carriages, Horse and Railroad Cars.....                              | ....          | 7,812,373    | Provisions: Beef Products.....lbs.     | 476,030,644   | 34,087,614      |
| Chemicals, Drugs, Dyes, and Medicines.....                           | ....          | 10,995,289   | “ Hog Products.....lbs.                | 1,178,275,645 | 115,179,343     |
| Clocks and Watches.....  | ....          | 1,862,431    | “ Oleomargarine.....lbs.               | 147,939,814   | 9,693,362       |
| Coal: Anthracite.....tons  | 1,571,581     | 6,475,596    | “ Other Meat Products.....             | ....          | 8,919,078       |
| “ Bituminous.....tons  | 3,480,457     | 7,165,432    | “ Dairy Products.....                  | ....          | 7,629,211       |
| Copper Ore.....tons  | 5,910         | 440,575      | Seeds: Clover.....lbs.                 | 19,982,234    | 1,261,922       |
| “ Manufactures of.....   | ....          | 15,983,529   | “ All other.....                       | ....          | 3,814,474       |
| Cotton, Unmanufactured.....lbs.                                      | 3,787,913,122 | 210,059,576  | Spirits, Distilled.....proof galls.    | 3,419,091     | 2,195,612       |
| “ Manufactures of.....   | ....          | 23,566,914   | Sugar, Molasses, and Syrup.....galls.  | 15,752,730    | 1,910,241       |
| Cycles, and Parts of.....  | ....          | 2,047,733    | “ Refined.....lbs.                     | 9,462,228     | 426,202         |
| Fibres, Vegetable, and Textile Grasses,<br>and Manufacturing of..... | ....          | 3,093,102    | Tobacco, Unmanufactured.....lbs.       | 283,613,122   | 25,487,218      |
| Fish.....  | ....          | 5,169,611    | “ Manufactures of.....                 | ....          | 6,178,978       |
| Fruits, Apples, Green or Ripe.....bbls.                              | 850,222       | 1,210,459    | Wood, and Manufactures of.....         | ....          | 41,489,520      |
| Fruits and Nuts, all other.....                                      | ....          | 6,687,026    | All other Articles.....                | ....          | 103,962,057     |
| Furs and Fur Skins.....  | ....          | 3,092,846    | Total Exports, Domestic Mdse.....      | ....          | \$1,203,931,222 |
| Hops.....lbs.  | 21,145,512    | 3,626,144    | Exports, Foreign Merchandise.....      | ....          | 23,092,086      |
| Instruments for Scientific Purposes.....                             | ....          | 4,399,180    | Specie: Gold.....( Domestic.....       | ....          | \$27,478,412    |
| Iron and Steel, Manufactures of.....                                 | ....          | 93,716,081   | “ ( Foreign.....                       | ....          | 10,038,674      |
| Leather, and Manufactures of.....                                    | ....          | 23,466,985   | “ Silver.....( Domestic.....           | ....          | 61,168,770      |
| Musical Instruments.....   | ....          | 1,791,843    | “ ( Foreign.....                       | ....          | 6,150,285       |
| Naval Stores.....  | ....          | 9,982,955    | Total Exports, Domestic & Foreign..... | ....          | \$1,230,864,443 |
| Oil Cake, Oil Cake Meal.....lbs.                                     | 1,167,170,869 | 14,531,142   |  |               |                 |

## IMPORTS.

MERCHANDISE AND SPECIE IMPORTED INTO THE UNITED STATES DURING THE FISCAL YEAR  
ENDED JUNE 30, 1899.

| ARTICLES.  | Quantities. | Values.     | ARTICLES.   | Quantities.   | Values.       |
|--|-------------|-------------|---|---------------|---------------|
| Merchandise.   |             |             | Merchandise.  |               |               |
| Animals.....   | ....        | \$1,326,525 | Molasses.....galls.                                   | 5,821,556     | \$789,576     |
| Art Works.....   | ....        | 2,468,978   | Musical Instruments.....                              | ....          | 1,058,421     |
| Books, Maps, etc.....  | ....        | 3,083,391   | Paints and Colors.....                                | ....          | 1,207,440     |
| Bristles.....lbs.  | 1,856,677   | 1,458,252   | Paper, and Manufactures of.....                       | ....          | 8,191,559     |
| Breadstuffs.....   | ....        | 2,544,765   | Paper Stock.....                                      | ....          | 2,614,914     |
| Chemicals, Drugs, Dyes, and Medicines                                    | ....        | 42,691,504  | Salt.....lbs.   | 363,782,933   | 558,922       |
| Clocks and Watches.....  | ....        | 1,335,982   | Seeds.....  | ....          | 1,221,545     |
| Coal: Bituminous.....tons  | 1,558,784   | 3,595,793   | Silk, Manufactures of.....                            | ....          | 25,109,074    |
| Coffee.....lbs.  | 831,827,063 | 55,275,470  | “ Unmanufactured.....                                 | ....          | 32,479,627    |
| Cotton, and Manufactures of.....   | ....        | 37,278,496  | Spices.....   | ....          | 2,789,301     |
| Earthenware and China.....   | ....        | 1,603,969   | Sugar.....lbs.  | 3,980,250,569 | 94,954,130    |
| Fibres, Vegetable, and Manufactures                                      | ....        | 45,467,687  | Tea.....lbs.  | 74,089,899    | 9,676,081     |
| Fish.....  | ....        | 5,959,229   | Tin, in Bars, Blocks, Pigs, or Grain,<br>etc.....lbs. | 67,342,107    | 11,843,357    |
| Fruits and Nuts.....   | ....        | 18,317,201  | Tobacco, and Manufactures of.....                     | ....          | 12,044,252    |
| Furs, and Manufactures of.....   | ....        | 10,661,262  | Toys.....   | ....          | 2,265,542     |
| Glass and Glassware.....   | ....        | 4,183,828   | Wines.....  | ....          | 6,890,206     |
| Hats and Bonnets, Materials for.....                                     | ....        | 2,426,726   | Wood, and Manufactures of.....                        | ....          | 14,502,355    |
| Hides and Skins.....   | ....        | 4,988,043   | Wool, and Manufactures of.....                        | ....          | 22,155,518    |
| Hops.....lbs.  | 1,319,319   | 591,756     | All other Articles.....                               | ....          | 80,201,634    |
| India Rubber and Gutta-Percha, and<br>Manufactures of.....               | ....        | 32,370,098  | Total Merchandise.....                                | ....          | \$697,148,489 |
| Iron and Steel, and Manufactures of.....                                 | ....        | 12,100,440  | Specie: Gold.....                                     | ....          | \$83,064,603  |
| Jewelry and Precious Stones, and<br>Manufactures of Gold and Silver..... | ....        | 17,650,413  | “ Silver.....   | ....          | 20,675,056    |
| Lead, and Manufactures of.....   | ....        | 2,784,611   | Total Imports.....                                    | ....          | \$816,778,148 |
| Leather, and Manufactures of.....  | ....        | 11,116,647  |   |               |               |
| Liquors, Spirituous and Mallic.....                                      | ....        | 4,632,957   |   |               |               |

FOREIGN TRADE OF THE UNITED STATES—Continued.

VALUE OF IMPORTS AND EXPORTS OF MERCHANDISE, 1873-99.

| YEAR ENDING JUNE 30. | EXPORTS.      |              | Total Exports. | Imports.      | Total Exports and Imports. | Excess of Exports. | Excess of Imports. |
|----------------------|---------------|--------------|----------------|---------------|----------------------------|--------------------|--------------------|
|                      | Domestic.     | Foreign.     |                |               |                            |                    |                    |
| 1873                 | \$505,033,439 | \$17,446,483 | \$522,479,922  | \$642,186,210 | \$1,104,616,132            | .....              | \$119,656,000      |
| 1874                 | 569,433,421   | 16,849,619   | 586,283,040    | 567,406,342   | 1,153,689,382              | \$18,875,698       | .....              |
| 1875                 | 499,284,100   | 14,158,611   | 513,442,711    | 533,005,436   | 1,046,448,147              | .....              | 19,592,725         |
| 1876                 | 525,582,247   | 14,802,424   | 540,384,671    | 460,741,190   | 1,001,125,861              | 79,643,481         | .....              |
| 1877                 | 589,670,224   | 12,804,966   | 602,475,220    | 451,323,120   | 1,053,798,346              | 151,152,094        | .....              |
| 1878                 | 680,709,268   | 14,156,498   | 694,865,766    | 437,051,532   | 1,131,917,298              | 257,814,234        | .....              |
| 1879                 | 698,340,730   | 12,098,651   | 710,439,441    | 445,777,775   | 1,156,217,216              | 264,661,666        | .....              |
| 1880                 | 823,946,353   | 11,892,805   | 835,638,558    | 667,954,746   | 1,503,593,404              | 167,683,812        | .....              |
| 1881                 | 883,925,947   | 18,481,399   | 902,377,346    | 642,664,638   | 1,545,041,974              | 259,712,718        | .....              |
| 1882                 | 733,229,732   | 17,302,525   | 750,542,257    | 724,639,574   | 1,475,181,831              | 25,902,683         | .....              |
| 1883                 | 804,223,632   | 19,615,770   | 823,839,402    | 723,180,914   | 1,547,020,316              | 100,658,488        | .....              |
| 1884                 | 724,964,852   | 15,548,757   | 740,513,609    | 667,697,693   | 1,408,211,302              | 72,815,916         | .....              |
| 1885                 | 726,682,946   | 15,506,809   | 742,189,755    | 577,527,329   | 1,319,717,084              | 164,662,426        | .....              |
| 1886                 | 665,964,529   | 13,560,301   | 679,524,830    | 635,436,136   | 1,314,960,966              | 44,088,694         | .....              |
| 1887                 | 703,022,123   | 13,160,288   | 716,183,211    | 692,319,768   | 1,408,502,979              | 23,863,443         | .....              |
| 1888                 | 683,892,104   | 12,092,403   | 695,984,507    | 723,957,114   | 1,419,911,621              | .....              | 28,002,607         |
| 1889                 | 730,282,609   | 12,118,766   | 742,401,375    | 745,131,652   | 1,487,533,027              | .....              | 2,730,277          |
| 1890                 | 845,293,823   | 12,534,856   | 857,828,684    | 789,310,409   | 1,647,139,093              | 68,518,275         | .....              |
| 1891                 | 872,370,283   | 12,210,527   | 884,480,810    | 844,916,196   | 1,729,397,006              | 39,564,614         | .....              |
| 1892                 | 1,015,732,011 | 14,546,137   | 1,030,278,148  | 827,402,462   | 1,857,680,610              | 202,875,686        | .....              |
| 1893                 | 831,030,785   | 16,634,409   | 847,665,194    | 866,400,932   | 1,714,066,116              | .....              | 18,735,728         |
| 1894                 | 869,204,937   | 22,935,635   | 892,140,572    | 654,994,632   | 1,547,135,194              | 237,145,950        | .....              |
| 1895                 | 793,392,599   | 14,145,566   | 807,538,165    | 731,969,965   | 1,539,508,130              | 75,568,200         | .....              |
| 1896                 | 863,200,487   | 19,406,451   | 882,606,938    | 779,724,674   | 1,662,331,612              | 102,882,264        | .....              |
| 1897                 | 1,032,007,603 | 18,955,953   | 1,050,963,556  | 764,730,413   | 1,815,723,988              | 286,233,144        | .....              |
| 1898                 | 1,210,291,913 | 21,190,417   | 1,231,482,330  | 616,050,654   | 1,847,532,984              | 615,432,676        | .....              |
| 1899                 | 1,203,931,232 | 23,032,030   | 1,227,023,262  | 697,148,489   | 1,924,171,751              | 529,874,813        | .....              |

The imports and exports of specie are not included in the above table.

VALUE OF IMPORTS INTO AND EXPORTS FROM THE UNITED STATES OF MERCHANDISE, YEAR ENDED JUNE 30, 1899.

| COUNTRIES.               | EXPORTS.    |           | Imports.    | COUNTRIES.               | EXPORTS.        |              | Imports.      |
|--------------------------|-------------|-----------|-------------|--------------------------|-----------------|--------------|---------------|
|                          | Domestic.   | Foreign.  |             |                          | Domestic.       | Foreign.     |               |
| Austria-Hungary          | \$7,14,419  | \$30,516  | \$6,551,256 | Bolivia                  | 831,938         | .....        | .....         |
| Azores & Madeira Islands | 360,892     | 970       | 9,23        | Brazil                   | 16,143,830      | \$36,206     | \$57,875,747  |
| Belgium                  | 43,866,076  | 291,957   | 10,552,030  | Chile                    | 2,106,106       | 1,018        | 2,942,932     |
| Denmark                  | 16,594,809  | 11,019    | 280,192     | Colombia                 | 2,990,074       | 52,020       | 5,126,731     |
| France                   | 59,069,112  | 1,577,787 | 62,146,056  | Ecuador                  | 889,392         | 2,199        | 1,054,653     |
| Germany                  | 153,295,513 | 2,506,666 | 84,225,777  | Guianas                  | .....           | .....        | .....         |
| Gibraltar                | 566,536     | 1,425     | 17,996      | British                  | 1,704,204       | 45,341       | 3,500,207     |
| Greece                   | 213,507     | .....     | 944,521     | Dutch                    | 443,378         | 379          | 1,651,009     |
| Greenland, Iceland, etc. | 159         | .....     | 78,408      | French                   | 168,670         | 1,420        | 37,929        |
| Italy                    | 24,892,037  | 142,903   | 24,832,746  | Paraguay                 | 10,751          | .....        | 160           |
| Malta, Gozo, etc.        | 143,105     | 975       | 9,770       | Peru                     | 1,329,438       | 2,167        | 1,496,978     |
| Netherlands              | 73,737,644  | 578,354   | 14,457,820  | Uruguay                  | 1,216,438       | 26,334       | 1,281,100     |
| Roumania                 | 4,130,730   | 1,670     | 2,375,304   | Venezuela                | 2,511,839       | 3,775        | 6,507,547     |
| Portugal                 | 14,408,018  | .....     | .....       | Aden                     | 393,741         | .....        | 1,934,941     |
| Russia, Baltic, etc.     | 7,229,706   | 8,362     | 2,830,223   | China                    | 14,437,422      | 56,018       | 15,619,266    |
| Russia, Black Sea        | 1,185,599   | .....     | 1,170,161   | East Indies:             | .....           | .....        | .....         |
| Servia                   | 217         | .....     | .....       | British                  | 4,338,819       | 3,117        | 32,560,312    |
| Spain                    | 9,008,995   | 8,812     | 3,982,363   | Dutch                    | 1,548,936       | 37           | 21,313,945    |
| Sweden and Norway        | 12,204,947  | 1,342     | 2,605,555   | French                   | 7,632           | .....        | 9             |
| Switzerland              | 266,556     | 776       | 14,826,480  | Hong Kong                | 7,637,041       | 95,484       | 2,479,974     |
| Turkey in Europe         | 332,304     | 2,153     | 2,359,330   | Japan                    | 17,589,970      | 105,718      | 26,716,814    |
| U. Britain and Ireland   | 505,698,925 | 6,109,780 | 118,438,217 | Korea                    | 141,679         | .....        | 468           |
| Bermuda                  | 1,446,251   | 19,037    | 494,812     | Russia, Asiatic          | 1,541,197       | 1,929        | 113,562       |
| British Honduras         | 491,323     | 9,479     | 193,203     | Turkey in Asia           | 167,173         | 570          | 3,284,520     |
| British North America:   | .....       | .....     | .....       | All other Asia           | 134,678         | .....        | 75,421        |
| Nova Scotia, N. Bruns-   | .....       | .....     | .....       | British Australasia      | 19,624,396      | 152,233      | 3,502,402     |
| wick, etc.               | 4,323,869   | 386,179   | 3,702,990   | French Oceania           | 274,576         | 12,548       | 290,557       |
| Quebec, Ontario, etc.    | 12,592,900  | 6,433,630 | 23,031,743  | Hawaiian Islands         | 9,006,671       | 293,799      | 17,831,463    |
| British Columbia         | 4,093,610   | 144,772   | 4,446,234   | Tonga, Samoa, etc.       | 56,522          | .....        | 26,183        |
| Newfoundland and         | .....       | .....     | .....       | Philippine Islands       | 401,258         | 2,935        | 4,109,774     |
| Labrador                 | 1,957,198   | 8,299     | 383,168     | British Africa           | 15,120,790      | 24,800       | 1,306,745     |
| Central American States: | .....       | .....     | .....       | Canary Islands           | 211,229         | 5,337        | 24,193        |
| Costa Rica               | 1,210,057   | 30,893    | 3,581,899   | French Africa            | 542,508         | 1,047        | 585,629       |
| Guatemala                | 1,071,811   | 31,152    | 2,111,264   | Liberia                  | 18,402          | 10           | 9,390         |
| Honduras                 | 737,522     | 44,494    | 911,849     | Madagascar               | 1,134           | .....        | 1,475         |
| Nicaragua                | 1,018,312   | 168,199   | 1,514,630   | Portuguese Africa        | 1,504,240       | 763          | 11,705        |
| Salvador                 | 617,207     | 8,107     | 1,085,703   | Spanish Africa           | .....           | .....        | .....         |
| Mexico                   | 24,285,528  | 1,199,547 | 2,295,729   | Egypt                    | 394,196         | .....        | 7,489,929     |
| Miquelon, Langley, etc.  | 192,528     | 2,115     | 86,283      | Tripoli                  | 278             | .....        | 60,066        |
| West Indies:             | .....       | .....     | .....       | All other Africa         | 859,753         | 96           | 946,927       |
| Danish                   | 8,618,024   | 133,793   | 14,150,482  | All other Islands and    | .....           | .....        | .....         |
| British                  | 495,533     | 2,233     | 579,323     | Ports                    | .....           | .....        | .....         |
| Dutch                    | 470,732     | 3,703     | 246,902     | Anckland, Fiji, and Nor- | .....           | .....        | .....         |
| French                   | 1,531,573   | 11,411    | 28,735      | folk Islands             | 10,121          | .....        | 926,840       |
| Hayti                    | 2,269,115   | 136,853   | 2,455,962   | German Oceania           | 27,573          | .....        | .....         |
| Santo Domingo            | 1,046,437   | 57,346    | 3,125,771   | Guam                     | 6,883           | .....        | 10,649        |
| Cuba                     | 17,247,932  | 1,368,425 | 26,408,826  | Total                    | \$1,203,931,222 | \$23,092,080 | \$697,143,489 |
| Porto Rico               | 2,633,400   | 52,448    | 3,179,827   | .....                    | .....           | .....        | .....         |
| Argentine Republic       | 228,756     | 224,742   | 5,112,561   | .....                    | .....           | .....        | .....         |

\* Portuguese East Indies.

## Imports and Exports at Principal Ports

OF THE UNITED STATES.

| CUSTOMS DISTRICTS.        | YEAR ENDING JUNE 30. |             |               |               | CUSTOMS DISTRICTS.        | YEAR ENDING JUNE 30. |               |               |               |
|---------------------------|----------------------|-------------|---------------|---------------|---------------------------|----------------------|---------------|---------------|---------------|
|                           | Imports.             |             | Exports.      |               |                           | Imports.             |               | Exports.      |               |
|                           | 1898.                | 1899.       | 1898.         | 1899.         |                           | 1898.                | 1899.         | 1898.         | 1899.         |
| Baltimore....             | \$8,907,118          | \$9,151,155 | \$118,845,550 | \$107,156,240 | New York..                | \$402,281,050        | \$465,559,050 | \$445,515,794 | \$459,444,217 |
| Boston and<br>Charlestown | 51,475,094           | 52,097,960  | 117,531,903   | 128,037,149   | Norfolk and<br>Portsm'th. | 201,030              | 208,005       | 13,978,478    | 13,831,233    |
| Brunswick...              | 31,650               | 45,975      | 10,602,410    | 10,421,488    | Pennscola..               | 182,234              | 53,400        | 8,211,429     | 14,214,590    |
| Charleston...             | 1,311,533            | 997,879     | 11,440,130    | 8,059,158     | Phila'telp'a.             | 31,419,957           | 41,222,828    | 55,244,436    | 60,850,065    |
| Detroit.....              | 2,206,033            | 2,153,229   | 13,309,801    | 13,915,977    | Puget S'und               | 5,058,099            | 7,239,718     | 17,918,626    | 15,700,340    |
| Galveston....             | 1,106,130            | 2,921,356   | 86,428,821    | 73,476,681    | San Fran'..               | 42,821,945           | 35,746,577    | 41,223,759    | 30,214,904    |
| New Orleans..             | 9,664,457            | 11,917,659  | 112,826,681   | 87,923,277    | Savannah..                | 391,634              | 376,154       | 28,933,166    | 24,029,572    |
| N'w'prt News              | 1,066,727            | 1,332,426   | 30,287,521    | 28,177,817    |                           |                      |               |               |               |

## Imports and Exports of Foreign Countries in 1898.

(Compiled for THE WORLD ALMANAC by the U. S. Bureau of Foreign Commerce.)

| COUNTRIES.                             | Imports.        | Exports.        | COUNTRIES.            | Imports.    | Exports.     |
|--|-----------------|-----------------|-----------------------|-------------|--------------|
| Great Britain.....                     | \$2,289,094,000 | \$1,420,814,000 | Guatemala.....        | \$3,880,000 | \$19,775,000 |
| France.....                            | 1,077,441,000   | 901,985,000     | Nicaragua.....        | 2,789,000   | 3,095,000    |
| Germany.....                           | 1,303,680,000   | 952,415,000     | Argentine Republic... | 107,428,000 | 133,829,000  |
| Italy.....                             | 273,438,000     | 236,074,000     | Brazil.....           | 105,393,000 | 120,138,000  |
| Russia.....                            | 281,006,000     | 354,492,000     | Chile.....            | 50,487,000  | 49,860,000   |
| Sweden.....                            | 99,625,000      | 94,600,000      | Ecuador.....          | 6,972,000   | 4,034,000    |
| Norway.....                            | 121,940,000     | 86,564,000      | Paraguay.....         | 2,322,000   | 2,207,000    |
| Denmark.....                           | 71,275,000      | 45,323,000      | Peru.....             | 6,138,000   | 12,768,000   |
| Spain.....                             | 122,000,000     | 142,280,000     | Uruguay.....          | 24,784,000  | 30,276,400   |
| Switzerland (special<br>commerce)..... | 205,603,000     | 139,698,000     | Venezuela.....        | 13,241,000  | 21,510,000   |
| Belgium.....                           | 632,847,000     | 582,840,000     | British India.....    | 291,982,000 | 324,822,000  |
| Greece.....                            | 22,136,000      | 15,575,000      | China.....            | 145,447,000 | 104,125,000  |
| Austria-Hungary.....                   | 302,102,000     | 306,497,000     | Japan.....            | 138,196,000 | 81,073,000   |
| Netherlands.....                       | 682,911,000     | 599,820,000     | Cape Colony.....      | 20,887,000  | 117,343,000  |
| Portugal.....                          | 65,439,000      | 41,087,000      | Natal.....            | 25,805,000  | 10,715,000   |
| Turkey in Europe.....                  | 105,908,000     | 60,500,000      | New South Wales.....  | 143,339,000 | 110,216,000  |
| Canada.....                            | 140,323,000     | 164,152,000     | New Zealand.....      | 44,825,000  | 50,884,000   |
| Mexico.....                            | 50,859,194      | 148,453,834     | Victoria.....         | 81,605,000  | 77,242,000   |
| Costa Rica.....                        | 4,258,000       | 6,569,000       | Queensland.....       | 26,420,000  | 44,341,000   |

The figures for Sweden, Norway, Austria-Hungary, the Netherlands, Spain, Greece, Portugal, Chile, Ecuador, and Queensland relate to the year 1897, no later statistics being available. The imports for Guatemala are given for 1898, but the exports refer to 1897. The figures for Costa Rica are for the fiscal year ending in March, 1899. Imports for Venezuela are given for 1897; for exports, no later figures can be obtained than those relating to 1896. The figures for Peru are exclusive of Iquitos, no returns having been received from there.

## Statistics of Manufactures in the United States.

ACCORDING to the United States Census of 1890, the number of persons engaged in manufactures in the United States in the census year was 4,712,622, and earned wages were \$2,283,216,529.

The value of products, including receipts from custom work and repairing, was \$9,372,437,283; number of establishments reporting, 322,638; capital, \$6,139,397,785; cost of materials used, \$5,021,453,326.

The value of the products of woollen mills in 1890 was \$133,577,977; worsted mills, \$79,194,652; carpet mills, \$47,770,193; hosiery and knitting mills, \$67,241,013; cotton mills, \$267,931,724; silk mills, \$87,298,454; lumber and timber products, \$465,934,244; chemicals, \$177,811,833.

No general statistics of manufactures have been collected since the last census. The manufacturing industries of the United States will be covered by the Census of 1900. The detailed report of products by States was printed in THE WORLD ALMANAC for 1899.

## Blast Furnace Capacity.

TOTAL number of charcoal, anthracite, and coke furnaces in blast in the United States, and their total and average weekly capacity. (Tons, 2,240 pounds.) From the publications of the American Statistical Society.

| DATES.            | CHARCOAL.          |                        |                          | ANTHRACITE AND COKE. |                        |                          | BITUMINOUS AND COKE. |                        |                          |
|-------------------|--------------------|------------------------|--------------------------|----------------------|------------------------|--------------------------|----------------------|------------------------|--------------------------|
|                   | Furnaces in Blast. | Total Weekly Capacity. | Average Weekly Capacity. | Furnaces in Blast.   | Total Weekly Capacity. | Average Weekly Capacity. | Furnaces in Blast.   | Total Weekly Capacity. | Average Weekly Capacity. |
| January 1, 1898.. | 15                 | 4,726                  | 315                      | 29                   | 20,569                 | 713                      | 146                  | 202,585                | 1,388                    |
| January 1, 1897.. | 21                 | 6,356                  | 302                      | 32                   | 19,525                 | 610                      | 107                  | 137,626                | 1,267                    |
| January 1, 1896.. | 21                 | 5,379                  | 256                      | 59                   | 39,714                 | 673                      | 160                  | 190,287                | 1,189                    |
| January 1, 1895.. | 24                 | 6,395                  | 225                      | 57                   | 21,182                 | 572                      | 127                  | 148,800                | 1,172                    |
| January 1, 1894.. | 19                 | 3,759                  | 198                      | 30                   | 15,303                 | 510                      | 83                   | 85,937                 | 1,011                    |
| January 1, 1893.. | 40                 | 9,045                  | 226                      | 70                   | 31,167                 | 443                      | 140                  | 133,489                | 928                      |
| January 1, 1892.. | 53                 | 12,448                 | 232                      | 93                   | 39,681                 | 426                      | 101                  | 139,303                | 696                      |

American and Foreign Shipping.

UNITED STATES VESSELS, 1899.

| CLASS.               | ENGAGED IN FOREIGN TRADE. |          | ENGAGED IN COASTWISE TRADE. |           |
|----------------------|---------------------------|----------|-----------------------------|-----------|
|                      | Number.                   | Tonnage. | Number.                     | Tonnage.  |
| Steamers.....        | 357                       | 355,913  | 6,470                       | 2,115,981 |
| Sailing Vessels..... | 927                       | 481,316  | 13,510                      | 1,849,332 |
| Canal-Boats.....     |                           |          |                             |           |
| Barges.....          |                           |          |                             |           |
| Total.....           | 1,284                     | 837,229  | 19,980                      | 3,965,313 |

The entire number of documented vessels is 22,728, of which 6,837 were steamers and 15,891 were vessels other than steamers, all aggregating 4,864,238 tons.

The estimated value of the whole amount of floating property under the flag, according to the last census, was \$215,069,296. The statistics of the above table are for the fiscal year ending June 30, 1899.

SHIPBUILDING IN THE UNITED STATES.

The following table shows the class, number, and tonnage of the documented vessels built in this country during the last four years reported:

| CLASS.               | 1896.    |         | 1897.    |         | 1898.    |         | 1899.    |         |
|----------------------|----------|---------|----------|---------|----------|---------|----------|---------|
|                      | Num-ber. | Tons.   | Num-ber. | Tons.   | Num-ber. | Tons.   | Num-ber. | Tons.   |
| Sailing Vessels..... | 369      | 65,237  | 338      | 64,309  | 359      | 34,416  | 420      | 98,073  |
| Steam Vessels.....   | 286      | 138,028 | 288      | 106,153 | 394      | 105,838 | 439      | 151,058 |
| Canal-Boats.....     | 13       | 1,495   | 70       | 10,216  | 20       | 2,386   | 13       | 1,411   |
| Barges.....          | 59       | 22,337  | 195      | 11,528  | 179      | 37,818  | 401      | 49,496  |
| Total.....           | 723      | 227,097 | 891      | 232,233 | 952      | 180,458 | 1,273    | 300,038 |

IRON AND STEEL TONNAGE BUILT IN THE UNITED STATES, 1870-1899.

| YEARS.    | Sailing Vessels and Barges. |                |        | Total.    | YEARS. | Sailing Vessels and Barges. |                |        | Total. |
|-----------|-----------------------------|----------------|--------|-----------|--------|-----------------------------|----------------|--------|--------|
|           | Sailing Vessels and Barges. | Steam Vessels. | Total. |           |        | Sailing Vessels and Barges. | Steam Vessels. | Total. |        |
| 1870..... | 679                         | 7,602          | 8,281  | 1885..... | 731    | 43,297                      | 44,028         |        |        |
| 1871..... | .....                       | 15,480         | 15,480 | 1886..... | 692    | 14,215                      | 14,907         |        |        |
| 1872..... | .....                       | 12,766         | 12,766 | 1887..... | 92     | 34,261                      | 34,353         |        |        |
| 1873..... | .....                       | 26,547         | 26,547 | 1888..... | 746    | 35,972                      | 36,718         |        |        |
| 1874..... | .....                       | 32,096         | 33,096 | 1889..... | 33     | 53,479                      | 53,512         |        |        |
| 1875..... | .....                       | 21,631         | 21,631 | 1890..... | 4,975  | 75,402                      | 80,377         |        |        |
| 1876..... | .....                       | 21,346         | 21,346 | 1891..... | 6,309  | 99,309                      | 105,618        |        |        |
| 1877..... | .....                       | 5,927          | 5,927  | 1892..... | 5,282  | 46,092                      | 51,374         |        |        |
| 1878..... | .....                       | 26,960         | 26,960 | 1893..... | 13,104 | 81,428                      | 94,532         |        |        |
| 1879..... | .....                       | 22,007         | 22,007 | 1894..... | 4,649  | 46,821                      | 51,470         |        |        |
| 1880..... | 44                          | 25,538         | 25,582 | 1895..... | 5,975  | 42,619                      | 48,594         |        |        |
| 1881..... | 36                          | 28,319         | 28,355 | 1896..... | 16,832 | 96,388                      | 113,220        |        |        |
| 1882..... | .....                       | 40,096         | 40,096 | 1897..... | 46,158 | 78,236                      | 124,394        |        |        |
| 1883..... | 2,033                       | 37,613         | 39,646 | 1898..... | 13,765 | 48,501                      | 62,266         |        |        |
| 1884..... | 4,432                       | 31,200         | 35,632 | 1899..... | 28,361 | 103,018                     | 131,379        |        |        |

COMPARATIVE GROWTH OF THE TONNAGE OF THE MERCHANT NAVIES OF THE UNITED STATES AND OF THE PRINCIPAL MARITIME COUNTRIES OF EUROPE FROM 1850 TO 1898.

| COUNTRIES.            | 1850.     | 1860.     | 1870.     | 1880.     | 1890.      | 1894.      | 1895.      | 1896.      | 1897.      | 1898.      |
|-----------------------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|------------|------------|
| American.....         | 3,485,266 | 5,299,175 | 4,194,740 | 4,068,034 | 4,424,497  | 4,684,029  | 4,635,950  | 4,703,880  | 4,769,090  | 4,749,738  |
| British.....          | 4,232,962 | 5,710,968 | 7,149,134 | 8,447,171 | 11,597,106 | 13,192,556 | 13,424,145 | 13,553,997 | 13,641,113 | 13,983,503 |
| French.....           | 688,163   | 996,124   | 1,072,048 | 919,298   | 1,045,102  | 1,128,369  | 1,154,783  | 1,148,970  | 1,248,739  | 1,242,091  |
| Norwegian.....        | 298,315   | 593,927   | 1,022,515 | 1,518,655 | 1,554,355  | 1,703,920  | 1,713,611  | 1,705,722  | 1,679,882  | 1,694,230  |
| Swedish.....          | .....     | .....     | 346,862   | 542,642   | 475,964    | 505,669    | 515,010    | 552,888    | 560,841    | 605,920    |
| Danish.....           | .....     | .....     | 178,646   | 249,466   | 290,065    | 362,358    | 366,685    | 383,540    | 431,153    | 511,953    |
| German.....           | .....     | .....     | 982,355   | 1,182,097 | 1,569,311  | 1,841,014  | 1,865,490  | 1,930,460  | 2,006,950  | 2,453,324  |
| Dutch.....            | 292,576   | 433,922   | 389,614   | 328,281   | 378,784    | 467,872    | 469,695    | 497,451    | 465,736    | 455,609    |
| Belgian.....          | 34,919    | 33,111    | 30,149    | 75,666    | 110,571    | .....      | 116,331    | 132,464    | 134,911    | 151,842    |
| Italian.....          | .....     | .....     | 1,012,164 | 999,196   | 816,567    | 835,274    | 833,101    | 821,953    | 832,876    | 875,551    |
| Austro-Hungarian..... | .....     | .....     | 329,377   | 290,971   | 269,648    | 302,656    | 306,119    | 235,805    | 324,532    | 380,414    |
| Greek.....            | .....     | 263,075   | 404,063   | .....     | 307,640    | 373,523    | 381,150    | 385,935    | 397,896    | 283,643    |

The above tables have been compiled from the report of the Commissioner of Navigation of the United States. The same authority gives the tonnage of the merchant navy of the United States in 1899 as 4,864,238.

# Per Capita Financial Statistics of the United States.

FROM 1869 TO 1899, INCLUSIVE.

(Compiled by the Bureau of Statistics, Treasury Department.)

| YEARS. | Estimated Population June 1. | Debt, less cash in Treasury. | Interest paid. | Net ordinary receipts. | Net ordinary expenditures. | Disbursement for pensions. | COINAGE, PER CAPITA OF |         |
|--------|------------------------------|------------------------------|----------------|------------------------|----------------------------|----------------------------|------------------------|---------|
|        |                              |                              |                |                        |                            |                            | Gold.                  | Silver. |
| 1869   | 37,756,000                   | \$64.43                      | \$3.32         | \$9.82                 | \$8.55                     | \$0.78                     | \$0.47                 | \$0.03  |
| 1870   | 38,558,371                   | 60.46                        | 3.08           | 10.67                  | 8.03                       | .72                        | .60                    | .04     |
| 1871   | 39,555,000                   | 56.81                        | 2.83           | 9.69                   | 7.39                       | .84                        | .53                    | .08     |
| 1872   | 40,596,000                   | 52.96                        | 2.56           | 9.22                   | 6.84                       | .74                        | .54                    | .06     |
| 1873   | 41,677,000                   | 50.52                        | 2.35           | 8.01                   | 6.97                       | .70                        | 1.37                   | .15     |
| 1874   | 42,796,000                   | 49.17                        | 2.31           | 7.13                   | 7.07                       | .71                        | .82                    | .10     |
| 1875   | 43,951,000                   | 47.55                        | 2.20           | 6.55                   | 6.25                       | .68                        | .75                    | .36     |
| 1876   | 45,137,000                   | 45.66                        | 2.11           | 6.52                   | 5.87                       | .63                        | 1.03                   | .51     |
| 1877   | 46,353,000                   | 43.56                        | 2.01           | 6.07                   | 5.21                       | .62                        | .95                    | .64     |
| 1878   | 47,598,000                   | 42.01                        | 1.99           | 5.41                   | 4.98                       | .56                        | 1.05                   | .60     |
| 1879   | 48,866,000                   | 40.86                        | 1.71           | 5.60                   | 5.46                       | .69                        | .80                    | .56     |
| 1880   | 50,155,783                   | 38.27                        | 1.59           | 6.65                   | 5.34                       | 1.14                       | 1.24                   | .55     |
| 1881   | 51,316,000                   | 35.46                        | 1.46           | 7.01                   | 5.07                       | .98                        | 1.89                   | .54     |
| 1882   | 52,495,000                   | 31.91                        | 1.09           | 7.64                   | 4.89                       | 1.03                       | 1.26                   | .53     |
| 1883   | 53,693,000                   | 28.66                        | .96            | 7.37                   | 4.90                       | 1.13                       | .54                    | .54     |
| 1884   | 54,911,000                   | 26.20                        | .87            | 6.27                   | 4.39                       | 1.04                       | .44                    | .52     |
| 1885   | 56,148,000                   | 24.50                        | .84            | 5.77                   | 4.64                       | 1.17                       | .49                    | .51     |
| 1886   | 57,404,000                   | 22.34                        | .79            | 5.76                   | 4.15                       | 1.13                       | .50                    | .56     |
| 1887   | 58,680,000                   | 20.03                        | .71            | 6.20                   | 4.47                       | 1.27                       | .41                    | .60     |
| 1888   | 59,974,000                   | 17.72                        | .65            | 6.32                   | 4.33                       | 1.33                       | .52                    | .57     |
| 1889   | 61,289,000                   | 15.92                        | .53            | 6.01                   | 7.88                       | 1.45                       | .35                    | .58     |
| 1890   | 62,622,250                   | 14.22                        | .47            | 6.44                   | 4.75                       | 1.71                       | .33                    | .63     |
| 1891   | 63,975,000                   | 13.32                        | .37            | 6.14                   | 5.55                       | 1.85                       | .46                    | .43     |
| 1892   | 65,403,000                   | 12.86                        | .35            | 5.43                   | 5.28                       | 2.16                       | .53                    | .19     |
| 1893   | 66,826,000                   | 12.55                        | .34            | 5.77                   | 6.87                       | 2.37                       | .85                    | .13     |
| 1894   | 68,275,000                   | 13.17                        | .37            | 4.36                   | 6.48                       | 2.07                       | 1.17                   | .13     |
| 1895   | 69,753,000                   | 12.93                        | .44            | 4.49                   | 5.11                       | 2.03                       | .85                    | .08     |
| 1896   | 71,263,000                   | 13.41                        | .48            | 4.59                   | 4.94                       | 1.96                       | .65                    | .33     |
| 1897   | 72,807,000                   | 13.55                        | .47            | 4.78                   | 5.02                       | 1.94                       | 1.02                   | .25     |
| 1898   | 74,389,000                   | 13.81                        | .46            | 5.45                   | 5.96                       | 1.98                       | 1.05                   | .31     |
| 1899   | 76,011,000                   | 15.20                        | .53            | 6.78                   | 7.97                       | 1.83                       | .....                  | ....    |

| YEARS | INTERNAL REVENUE. |                         |                                       | Money in circulation. | Value of paper money July 1. | Commercial ratio of silver to gold. | CUSTOMS REVENUE.           |                                  |                       |   |
|-------|-------------------|-------------------------|---------------------------------------|-----------------------|------------------------------|-------------------------------------|----------------------------|----------------------------------|-----------------------|---|
|       | Collected.        | Expenses of collecting. | Amount of money in the United States. |                       |                              |                                     | Duty collected per capita. | Average ad valorem rate of duty. |                       | Expenses of collecting customs revenue. |
|       |                   |                         |                                       |                       |                              |                                     |                            | On dutiable.                     | On free and dutiable. |   |
| 1869. | \$4.19            | 4.59                    | \$18.95                               | \$17.60               | 73.5                         | 15.60                               | \$4.68                     | 47.22                            | 44.65                 | 2.99                                    |
| 1870. | 4.79              | 3.92                    | 18.73                                 | 17.50                 | 85.6                         | 15.57                               | 4.96                       | 47.08                            | 42.23                 | 3.20                                    |
| 1871. | 3.62              | 5.30                    | 18.75                                 | 18.10                 | 89.0                         | 15.57                               | 5.12                       | 43.95                            | 38.94                 | 3.18                                    |
| 1872. | 3.22              | 4.36                    | 18.79                                 | 18.19                 | 87.5                         | 15.63                               | 5.23                       | 41.35                            | 37.00                 | 3.21                                    |
| 1873. | 2.75              | 4.69                    | 18.58                                 | 18.04                 | 86.4                         | 15.92                               | 4.44                       | 38.07                            | 26.95                 | 3.76                                    |
| 1874. | 2.39              | 4.40                    | 18.83                                 | 18.13                 | 91.0                         | 16.13                               | 3.75                       | 38.53                            | 26.88                 | 4.49                                    |
| 1875. | 3.52              | 3.89                    | 18.16                                 | 17.16                 | 87.2                         | 16.59                               | 3.51                       | 40.02                            | 28.20                 | 4.47                                    |
| 1876. | 2.59              | 3.38                    | 17.53                                 | 16.12                 | 89.5                         | 17.88                               | 3.22                       | 44.74                            | 39.19                 | 4.53                                    |
| 1877. | 2.56              | 2.99                    | 16.46                                 | 15.58                 | 94.7                         | 17.22                               | 2.77                       | 42.89                            | 26.68                 | 4.96                                    |
| 1878. | 2.32              | 2.96                    | 16.62                                 | 15.32                 | 99.4                         | 17.94                               | 2.67                       | 42.75                            | 27.13                 | 4.48                                    |
| 1879. | 2.32              | 3.10                    | 21.52                                 | 16.75                 | 100                          | 18.40                               | 2.73                       | 44.87                            | 28.97                 | 3.99                                    |
| 1880. | 2.47              | 2.95                    | 24.04                                 | 19.41                 | 100                          | 18.05                               | 3.64                       | 43.48                            | 29.07                 | 3.23                                    |
| 1881. | 2.64              | 3.20                    | 27.41                                 | 21.71                 | 100                          | 18.16                               | 3.78                       | 43.20                            | 29.75                 | 3.22                                    |
| 1882. | 2.79              | 2.80                    | 28.20                                 | 22.37                 | 100                          | 18.19                               | 4.12                       | 42.66                            | 30.11                 | 2.95                                    |
| 1883. | 2.69              | 3.06                    | 30.61                                 | 22.91                 | 100                          | 18.64                               | 3.92                       | 42.45                            | 29.92                 | 3.07                                    |
| 1884. | 2.21              | 3.47                    | 31.06                                 | 22.65                 | 100                          | 18.57                               | 3.47                       | 41.61                            | 28.44                 | 3.44                                    |
| 1885. | 2.00              | 3.42                    | 32.37                                 | 23.02                 | 100                          | 19.41                               | 3.17                       | 45.86                            | 30.59                 | 3.58                                    |
| 1886. | 2.03              | 3.06                    | 31.51                                 | 21.82                 | 100                          | 20.78                               | 3.30                       | 45.55                            | 30.13                 | 3.33                                    |
| 1887. | 2.02              | 3.22                    | 32.39                                 | 22.45                 | 100                          | 21.13                               | 3.65                       | 47.10                            | 31.02                 | 3.16                                    |
| 1888. | 2.07              | 2.92                    | 34.40                                 | 22.88                 | 100                          | 21.99                               | 3.60                       | 45.63                            | 29.99                 | 3.27                                    |
| 1889. | 2.13              | 2.88                    | 33.86                                 | 22.52                 | 100                          | 22.09                               | 3.60                       | 45.13                            | 29.50                 | 3.14                                    |
| 1890. | 2.28              | 2.65                    | 34.24                                 | 22.82                 | 100                          | 19.76                               | 3.62                       | 44.41                            | 29.12                 | 2.99                                    |
| 1891. | 2.28              | 2.75                    | 34.31                                 | 23.41                 | 100                          | 20.92                               | 3.38                       | 46.28                            | 25.25                 | 3.17                                    |
| 1892. | 2.35              | 2.52                    | 36.21                                 | 24.44                 | 100                          | 23.72                               | 2.66                       | 48.71                            | 21.26                 | 3.75                                    |
| 1893. | 2.41              | 2.57                    | 34.70                                 | 23.85                 | 100                          | 26.49                               | 2.97                       | 49.58                            | 23.49                 | 3.32                                    |
| 1894. | 2.15              | 2.55                    | 35.39                                 | 24.28                 | 100                          | 32.56                               | 2.90                       | 59.06                            | 20.25                 | 5.15                                    |
| 1895. | 2.06              | 2.62                    | 34.33                                 | 22.93                 | 100                          | 31.60                               | 2.14                       | 41.75                            | 20.23                 | 4.43                                    |
| 1896. | 2.06              | 2.62                    | 32.86                                 | 21.10                 | 100                          | 30.66                               | 2.20                       | 40.18                            | 20.67                 | 4.52                                    |
| 1897. | 2.02              | 2.46                    | 34.25                                 | 22.49                 | 100                          | 34.28                               | 2.37                       | 42.41                            | 21.89                 | 4.01                                    |
| 1898. | 2.30              | 2.17                    | 35.39                                 | 24.71                 | 100                          | 35.03                               | 1.96                       | 40.20                            | 24.77                 | 4.78                                    |
| 1899. | 3.60              | 1.59                    | 36.12                                 | 25.00                 | 100                          | .....                               | 2.66                       | 50.21                            | 29.48                 | 3.57                                    |



# Per Capita Commercial Statistics of the United States.

FROM 1869 TO 1899, INCLUSIVE.

(Compiled by the Bureau of Statistics, Treasury Department.)

| YEARS. | Merchandise Imported for Consumption, per capita. | Domestic Merchandise. |   | Imports and Exports of Merchandise Carried in American Vessels. | Consumption of Wool. |                   | Per Cent of Domestic Production Exported. |        |       |              |
|--------|---|-----------------------|---|---|----------------------|-------------------|---|--------|-------|--------------|
|        |   | Exports, per capita.  | Exports of Agricultural Products (total cent of total exports). |   | Total, per capita.   | Per Cent Foreign. | Cotton.                                   | Wheat. | Corn. | Mineral Oil. |
|        |   |                       |   |   |                      |                   |   |        |       |              |
| 1869   | \$10.45   | \$7.29                | 75.35   | 33.18   | 5.78                 | 17.8              | 57.01                                     | 13.27  | .91   | 60.01        |
| 1870   | 11.06   | 9.77                  | 78.40   | 35.59   | 5.43                 | 22.7              | 65.98                                     | 20.72  | .24   | 61.37        |
| 1871   | 12.65   | 10.83                 | 70.74   | 31.87   | 5.73                 | 29.4              | 72.39                                     | 22.30  | .98   | 69.62        |
| 1872   | 13.80   | 10.55                 | 74.13   | 29.15   | 6.75                 | 45.3              | 67.44                                     | 16.88  | 3.60  | 54.60        |
| 1873   | 15.91   | 12.12                 | 76.10   | 26.37   | 5.67                 | 33.2              | 65.47                                     | 20.80  | 3.67  | 57.85        |
| 1874   | 13.26   | 13.31                 | 79.37   | 27.17   | 4.81                 | 17.5              | 70.03                                     | 32.54  | 3.86  | 51.23        |
| 1875   | 11.97   | 11.36                 | 76.95   | 26.21   | 5.28                 | 23.1              | 70.69                                     | 23.60  | 3.53  | 46.50        |
| 1876   | 10.29   | 11.64                 | 71.67   | 27.67   | 5.21                 | 18.3              | 70.75                                     | 25.58  | 3.86  | 68.69        |
| 1877   | 9.49  | 12.72                 | 72.63   | 26.91   | 5.16                 | 16.3              | 68.97                                     | 19.73  | 5.66  | 64.54        |
| 1878   | 9.21  | 14.39                 | 77.07   | 26.31   | 5.28                 | 16.9              | 71.23                                     | 25.29  | 6.49  | 54.02        |
| 1879   | 8.99  | 14.29                 | 78.12   | 22.99   | 5.03                 | 14.2              | 67.74                                     | 35.82  | 6.33  | 50.42        |
| 1880   | 12.51   | 16.43                 | 83.25   | 17.43   | 6.11                 | 34.9              | 65.73                                     | 40.18  | 6.43  | 31.41        |
| 1881   | 12.68   | 17.23                 | 82.63   | 16.49   | 5.66                 | 17.3              | 68.47                                     | 37.38  | 5.46  | 44.29        |
| 1882   | 13.64   | 13.97                 | 75.31   | 15.77   | 6.36                 | 19.0              | 67.23                                     | 31.82  | 3.71  | 39.21        |
| 1883   | 13.05   | 14.98                 | 77  | 16.04   | 6.62                 | 18.7              | 67.20                                     | 29.33  | 2.58  | 54.13        |
| 1884   | 12.16   | 13.20                 | 73.98   | 17.16   | 6.85                 | 20.6              | 67.56                                     | 26.49  | 2.99  | 53.55        |
| 1885   | 10.32   | 12.94                 | 72.96   | 15.29   | 6.69                 | 18                | 68.96                                     | 25.86  | 2.95  | 61.11        |
| 1886   | 10.89   | 11.60                 | 72.82   | 15.52   | 7.39                 | 28.9              | 64.68                                     | 26.48  | 3.35  | 50.21        |
| 1887   | 11.65   | 11.98                 | 74.40   | 14.30   | 6.68                 | 27.4              | 68.71                                     | 33.66  | 2.48  | 50.67        |
| 1888   | 11.88   | 11.40                 | 73.23   | 13.98   | 6.31                 | 28.9              | 65.83                                     | 26.23  | 1.74  | 49.37        |
| 1889   | 12.10   | 11.92                 | 72.87   | 14.34   | 6.33                 | 31.8              | 69.33                                     | 21.31  | 3.57  | 46.09        |
| 1890   | 12.35   | 13.50                 | 74.51   | 12.87   | 6.03                 | 27                | 68.15                                     | 22.31  | 4.85  | 36.06        |
| 1891   | 13.36   | 13.63                 | 73.69   | 12.46   | 6.43                 | 30.8              | 67.36                                     | 26.60  | 2.15  | 29.73        |
| 1892   | 12.44   | 15.53                 | 78.69   | 12.34   | 6.72                 | 33.1              | 65.13                                     | 36.88  | 3.72  | 37.35        |
| 1893   | 12.64   | 12.44                 | 74.05   | 12.20   | 7.05                 | 35.7              | 65.99                                     | 37.20  | 2.89  | 45.10        |
| 1894   | 9.32  | 12.73                 | 72.28   | 13.30   | 5.08                 | 14.2              | 71.20                                     | 41.47  | 4.11  | 53.26        |
| 1895   | 10.48   | 11.37                 | 69.73   | 11.70   | 6.32                 | 46.1              | 69.83                                     | 31.46  | 2.36  | 50.76        |
| 1896   | 10.66   | 12.11                 | 66.02   | 12.00   | 6.88                 | 45.9              | 65.00                                     | 27.07  | 4.70  | 47.44        |
| 1897   | 10.84   | 14.17                 | 66.23   | 11.00   | 8.26                 | 57.8              | 70.59                                     | 33.93  | 7.83  | 44.78        |
| 1898   | 7.89  | 16.27                 | 70.54   | 9.30  | 5.34                 | 48.9              | 67.82                                     | 40.91  | 11.14 | 47.17        |
| 1899   | 9.02  | 15.84                 | 65.20   | 8.90  | 4.40                 | 32.8              | 65.37                                     | 32.97  | 9.21  | 45.73        |

| YEARS. | Consumption per capita of— |       |       |        |         |      |                    |              |        | Tonnage of Vessels. Per cent annual increase or decrease (+ or -). |
|--------|----------------------------|-------|-------|--------|---------|------|--------------------|--------------|--------|--|
|        | Raw Cotton                 | Wheat | Corn. | Sugar. | Coffee. | Tea. | Dis-tilled Spirits | Malt Liq'rs. | Wines. |  |
|        | Lbs.                       | Bush. | Bush. | Lbs.   | Lbs.    | Lbs. | Proof galls.       | Galls.       | Galls. |  |
| 1869   | 12.88                      | 5.21  | 23.79 | 35     | 6.45    | 1.08 | 1.60               | 5.21         | ...    | +4.76  |
| 1870   | 12.82                      | 5.41  | 22.62 | 33     | 6       | 1.10 | 2.07               | 5.31         | .32    | +2.41  |
| 1871   | 14.10                      | 4.69  | 27.40 | 36.2   | 7.91    | 1.14 | 1.62               | 6.10         | .40    | + .85  |
| 1872   | 11.10                      | 4.79  | 21.09 | 40.4   | 7.28    | 1.46 | 1.68               | 6.66         | .41    | +3.62  |
| 1873   | 15.19                      | 4.81  | 22.86 | 39.8   | 6.87    | 1.53 | 1.63               | 7.21         | .45    | +5.82  |
| 1874   | 13.60                      | 4.46  | 20.95 | 41.5   | 6.59    | 1.27 | 1.51               | 7            | .48    | +2.23  |
| 1875   | 11.90                      | 5.38  | 18.66 | 43.6   | 7.08    | 1.44 | 1.50               | 6.71         | .45    | +1.10  |
| 1876   | 14.77                      | 4.89  | 28.14 | 35.2   | 7.33    | 1.35 | 1.33               | 6.83         | .45    | 11.83  |
| 1877   | 14.03                      | 5.01  | 26.13 | 38.9   | 6.94    | 1.23 | 1.28               | 6.58         | .47    | - .76  |
| 1878   | 13.71                      | 5.72  | 26.37 | 34.3   | 6.24    | 1.33 | 1.09               | 6.68         | .47    | - .70  |
| 1879   | 15.90                      | 5.58  | 26.61 | 40.7   | 7.42    | 1.21 | 1.11               | 7.05         | .50    | -1.02  |
| 1880   | 18.94                      | 5.35  | 28.88 | 42.9   | 8.78    | 1.39 | 1.27               | 8.26         | .56    | -2.43  |
| 1881   | 19.64                      | 6.09  | 31.64 | 44.2   | 8.25    | 1.54 | 1.38               | 8.65         | .47    | - .25  |
| 1882   | 16.15                      | 4.98  | 21.92 | 48.4   | 8.30    | 1.47 | 1.40               | 10.03        | .49    | +2.66  |
| 1883   | 20.80                      | 6.64  | 29.24 | 51.1   | 8.91    | 1.30 | 1.46               | 10.27        | .48    | +1.67  |
| 1884   | 16.30                      | 5.64  | 27.40 | 53.4   | 9.26    | 1.09 | 1.48               | 10.74        | .37    | + .84  |
| 1885   | 15.16                      | 6.77  | 81.04 | 51.8   | 9.60    | 1.18 | 1.26               | 10.62        | .39    | - .12  |
| 1886   | 19.59                      | 4.57  | 32.60 | 56.9   | 9.36    | 1.37 | 1.26               | 11.20        | .45    | -3.16  |
| 1887   | 16.84                      | 5.17  | 27.68 | 52.7   | 8.53    | 1.49 | 1.21               | 11.23        | .55    | - .61  |
| 1888   | 19.59                      | 5.62  | 23.86 | 56.7   | 6.81    | 1.40 | 1.26               | 12.80        | .61    | +2.10  |
| 1889   | 17.22                      | 5.34  | 31.28 | 51.8   | 9.16    | 1.29 | 1.32               | 12.72        | .56    | +2.75  |
| 1890   | 18.50                      | 6.09  | 32.09 | 52.8   | 7.83    | 1.33 | 1.40               | 13.67        | .46    | +2.71  |
| 1891   | 22.02                      | 4.58  | 22.79 | 66.1   | 7.99    | 1.29 | 1.42               | 15.28        | .45    | +5.88  |
| 1892   | 24.03                      | 5.91  | 30.33 | 63.5   | 9.63    | 1.37 | 1.50               | 15.10        | .44    | +1.71  |
| 1893   | 17.07                      | 4.85  | 23.66 | 63.4   | 8.25    | 1.32 | 1.51               | 16.08        | .48    | + .79  |
| 1894   | 15.91                      | 3.41  | 22.76 | 66     | 8.01    | 1.34 | 1.33               | 25.18        | .31    | -2.90  |
| 1895   | 22.48                      | 4.54  | 16.98 | 62.6   | 9.22    | 1.38 | 1.12               | 14.95        | .28    | -1.03  |
| 1896   | 18.40                      | 4.78  | 30.19 | 61.6   | 8.04    | 1.31 | 1.00               | 15.16        | .26    | +1.47  |
| 1897   | 18.46                      | 3.88  | 28.91 | 64.5   | 9.95    | 1.55 | 1.01               | 14.69        | .53    | +1.38  |
| 1898   | 25.26                      | 4.21  | 22.73 | 61.1   | 11.45   | .91  | 1.10               | 15.64        | .28    | - .40  |
| 1899   | 27.06                      | 5.95  | 22.98 | ...    | 10.55   | .96  | 1.15               | 14.96        | ...    | +2.42  |

## United States Post-Office Statistics.

| FISCAL YEARS. | No. of Post-Offices. | Extent of Post Routes in Miles. | Revenue of the Department. | Expenditure of the Department. | AMOUNT PAID FOR          |                             |
|---------------|----------------------|---------------------------------|----------------------------|--------------------------------|--------------------------|-----------------------------|
|               |                      |                                 |                            |                                | Salaries of Postmasters. | Transportation of the Mail. |
| 1865.....     | 20,550               | 142,340                         | \$14,556,159               | \$13,694,728                   | \$3,383,382              | \$6,246,884                 |
| 1870.....     | 28,492               | 231,232                         | 19,772,221                 | 23,998,837                     | 4,673,466                | 10,884,653                  |
| 1875.....     | 35,547               | 277,873                         | 26,791,360                 | 33,611,309                     | 7,049,936                | 18,777,201                  |
| 1876.....     | 36,383               | 281,798                         | 27,895,908                 | 33,263,488                     | 7,397,397                | 18,361,048                  |
| 1877.....     | 37,845               | 292,820                         | 27,468,323                 | 33,486,322                     | 7,295,251                | 18,529,238                  |
| 1878.....     | 39,258               | 301,966                         | 29,277,517                 | 34,165,084                     | 7,977,852                | 19,262,421                  |
| 1879.....     | 40,855               | 316,711                         | 30,041,983                 | 33,449,899                     | 7,185,540                | 20,012,872                  |
| 1880.....     | 42,989               | 343,888                         | 33,315,479                 | 36,542,804                     | 7,701,418                | 22,255,984                  |
| 1881.....     | 44,512               | 344,006                         | 36,785,398                 | 39,251,736                     | 8,298,743                | 23,196,032                  |
| 1882.....     | 46,231               | 343,618                         | 41,876,410                 | 40,039,635                     | 8,964,677                | 22,846,112                  |
| 1883.....     | 47,863               | 353,166                         | 45,508,693                 | 42,816,700                     | 10,319,441               | 23,067,323                  |
| 1884.....     | 50,017               | 359,580                         | 43,338,127                 | 46,404,960                     | 11,283,831               | 25,359,816                  |
| 1885.....     | 51,252               | 365,251                         | 42,560,844                 | 49,533,150                     | 11,431,305               | 27,765,124                  |
| 1886.....     | 53,614               | 366,667                         | 43,948,423                 | 50,839,435                     | 11,348,178               | 27,553,239                  |
| 1887.....     | 55,157               | 373,142                         | 48,837,610                 | 52,391,678                     | 11,929,481               | 28,185,769                  |
| 1888.....     | 57,281               | *403,977                        | 52,695,176                 | 55,795,358                     | 12,600,186               | 29,151,168                  |
| 1889.....     | 58,999               | *416,159                        | 56,175,611                 | 61,376,847                     | 13,171,382               | 31,893,359                  |
| 1890.....     | 62,401               | 427,991                         | 60,882,097                 | 65,930,717                     | *13,753,096              | 33,885,978                  |
| 1891.....     | 64,329               | 439,027                         | 65,931,786                 | 71,662,463                     | 14,527,000               | 36,805,621                  |
| 1892.....     | 67,119               | 447,591                         | 70,930,475                 | 76,323,762                     | 15,249,565               | 38,837,236                  |
| 1893.....     | 68,403               | 453,832                         | 75,896,933                 | 81,074,104                     | 15,862,621               | 41,179,054                  |
| 1894.....     | 69,805               | 454,746                         | 75,080,479                 | 84,324,414                     | 15,899,709               | 45,375,359                  |
| 1895.....     | 70,064               | 456,206                         | 76,983,128                 | 86,790,172                     | 16,079,508               | 46,336,326                  |
| 1896.....     | 70,360               | 463,313                         | 82,499,208                 | 90,626,296                     | 16,576,674               | 47,993,067                  |
| 1897.....     | 71,022               | 470,032                         | 82,665,462                 | 94,077,242                     | 16,917,621               | 49,862,074                  |
| 1898.....     | 73,570               | 480,462                         | 89,012,618                 | 98,033,523                     | 17,460,621               | 51,780,283                  |
| 1899.....     | 75,000               | 496,948                         | 95,021,384                 | 101,632,160                    | 18,223,506               | 53,331,557                  |

\* Includes mail messenger and special office service. Of the whole number of post-offices at the close of the fiscal year, June 30, 1899, 3,993 were Presidential offices and 71,007 were fourth-class offices. The number of pieces of postal matter of all kinds which pass through the mails of the United States annually is about 6,576,310,000. The annual aggregate number of letters transmitted through the post-offices of the world may be estimated at 8,000,000,000, and of newspapers, 5,000,000,000.

## Building and Loan Associations.

(Statistics compiled by the United States Commissioner of Labor.)  
GENERAL RESULTS FOR THE UNITED STATES.\*

|   | Local.        | National.    | Total.        |
|---|---------------|--------------|---------------|
| Number of associations.....                         | 5 598         | 240          | 5 838         |
| Number of shareholders, male.....                   | a 710,156     | a 209,458    | a 919,614     |
| Number of shareholders, female.....                 | a 263,388     | a 44,440     | a 307,828     |
| Number of shareholders, total.....                  | b 1,359,366   | b 386,359    | b 1,745,725   |
| Average number of shareholders per association..... | b 244.5       | b 1,637.1    | b 301.2       |
| Number of shareholders who are borrowers.....       | c 402,212     | c 53,199     | c 455,411     |
| Percentage of shareholders who are borrowers.....   | d 29.83       | c 13.77      | d 26.25       |
| Number of shares.....                               | d 10,381,031  | d 2,874,841  | d 13,255,872  |
| Total net assets.....                               | \$413,647,228 | \$37,020,366 | \$450,667,594 |
| Average shares per shareholder.....                 | e 7.6         | e 7.2        | e 7.5         |
| Average net assets per shareholder.....             | e \$303.11    | e \$86.73    | e \$257.26    |
| Average value of shares.....                        | e \$39.75     | e \$12.12    | e \$34.18     |
| Total profits.....                                  | \$74,402,969  | \$6,261,147  | \$80,664,116  |
| Average size of loans.....                          | f \$1,133     | f \$920      | f \$1,120     |
| Homes acquired.....                                 | g 290,803     | g 23,952     | g 314,755     |

\* These statistics are for 1893, being the latest general statement for the whole country that has been compiled. For a partial statement for 1895-96 see THE WORLD ALMANAC for 1899 page 169.

a Associations not reporting, local 1,503, national 66, total 1,569. b Associations not reporting local 38, national 4, total 42. c Associations not reporting, local 69, national 4, total 73. d Associations not reporting, local 18, national 4, total 22. e Based on 5,535 local associations, 226 national associations, total 5,761. f Based on 2,128 local associations, 45 national associations, total 2,173. g Associations not reporting, local 1,326, national 68, total 1,394.

One of the most interesting facts shown by the report relates to the age of the associations. While building and loan associations had their birth in the decade of years from 1840 to 1850 with perhaps here and there one prior to the first date named, the report shows that the average age of all the associations is but 6.2 years, the local associations having an average age of 6.3 years, and the nationals an average of only 2.5. Of the locals 2,394 are under 5 years of age, 2,163 are 5 years or under 10 years of age, and 589 are 10 years or under 15 years of age, making a total of 5,146 associations out of the whole number under 15 years of age. There are but 433 over 15 years of age. These figures certainly show that the building and loan associations of the country are entirely modern institutions and have reached their great proportions during the last ten or fifteen years. This, in connection with the fact that they have net assets of over \$450,000,000 have made total profits of more than \$80,000,000, have helped to secure probably over 400,000 homes and are semi banking institutions conducted by ordinary men not trained as bankers, but yet have met with remarkably few losses, shows conclusively the strong hold which building and loan associations have taken upon the public.—Commissioner Wright.

### Indebtedness of Nations.

COMPILED FROM THE ELEVENTH UNITED STATES CENSUS, 1890.

| COUNTRIES.                     | Debt Less Sinking Fund, 1890. | Debt per Capita | COUNTRIES.             | Debt Less Sinking Fund, 1890. | Debt per Capita |
|--------------------------------|-------------------------------|-----------------|------------------------|-------------------------------|-----------------|
| Argentine Republic.....        | \$284,867,069                 | \$70.40         | Canada.....            | \$237,533,212                 | \$47.51         |
| Austria-Hungary & Hung.        | 2,866,339,539                 | 70.84           | New South Wales.....   | 233,289,245                   | 214.87          |
| Belgium.....                   | 380,504,089                   | 63.10           | New Zealand.....       | 184,898,805                   | 298.01          |
| Bolivia.....                   | 14,763,367                    | 12.38           | Queensland.....        | 129,204,750                   | 333.46          |
| Brazil.....                    | 585,345,927                   | 41.80           | South Australia.....   | 102,177,600                   | 321.00          |
| Chile.....                     | 85,192,339                    | 31.96           | Tasmania.....          | 22,235,345                    | 147.46          |
| Colombia.....                  | 63,451,583                    | 16.36           | Victoria.....          | 179,614,005                   | 161.63          |
| Denmark.....                   | 33,004,722                    | 15.66           | Western Australia..... | 6,509,736                     | 150.23          |
| France.....                    | *4,446,793,398                | 116.35          | Greece.....            | 107,306,518                   | 49.06           |
| German Empire.....             | 77,577,719                    | 1.57            | Guatemala.....         | 10,825,856                    | 7.59            |
| Alsace-Lorraine.....           | 3,837,373                     | 2.39            | Hayti.....             | 13,500,000                    | 14.06           |
| Baden.....                     | 71,165,252                    | 42.95           | Honduras.....          | 63,394,237                    | 146.77          |
| Bavaria.....                   | 333,503,105                   | 60.03           | Italy.....             | 2,324,823,329                 | 76.06           |
| Bremen.....                    | 16,217,400                    | 89.94           | Japan.....             | 305,727,816                   | 7.93            |
| Brunswick.....                 | 4,376,174                     | 12.10           | Mexico.....            | 113,606,875                   | 9.98            |
| Hamburg.....                   | 59,202,946                    | 94.85           | Netherlands.....       | 430,589,858                   | 95.56           |
| Hesse.....                     | 7,562,763                     | 7.60            | Nicaragua.....         | 1,713,206                     | 4.28            |
| Lübeck.....                    | 6,295,709                     | 43.10           | Norway.....            | 13,973,752                    | 7.13            |
| Oldenburg.....                 | 9,211,035                     | 25.95           | Paraguay.....          | 19,633,013                    | 59.56           |
| Prussia.....                   | 1,109,384,127                 | 37.03           | Peru.....              | 382,175,655                   | 145.77          |
| Saxony.....                    | 143,897,747                   | 41.11           | Romania.....           | 180,145,800                   | 32.75           |
| Saxe-Coburg-Gotha.....         | 4,955,311                     | 4.63            | Russia.....            | 3,491,018,074                 | 30.79           |
| Saxe-Meiningen.....            | 2,550,698                     | 11.39           | Servia.....            | 60,811,390                    | 30.20           |
| Schwarzb.-Rudolstadt.....      | 743,800                       | 8.67            | Spain.....             | 1,251,453,696                 | 73.85           |
| Sendershausen.....             | 842,631                       | 11.16           | Sweden.....            | 1,641,220,807                 | 13.53           |
| Waldeck.....                   | 568,200                       | 9.92            | Switzerland.....       | 10,912,925                    | 3.72            |
| Württemberg.....               | 107,735,500                   | 52.93           | Turkey.....            | 821,000,000                   | 37.20           |
| Great Britain and Ireland..... | 3,350,719,563                 | 87.79           | Egypt.....             | 517,278,200                   | 75.88           |
| India.....                     | 881,003,592                   | 3.27            | United States.....     | 915,962,112                   | 14.63           |
| Capa of Good Hope.....         | 110,817,720                   | 77.56           | Venezuela.....         | 22,517,437                    | 11.00           |
| Natal.....                     | 22,028,424                    | 45.76           |                        |                               |                 |

\* Inclusive of floating debt, but exclusive of annuities, whose capitalized value is estimated by good authority to be not less than \$2,000,000,000.

The national debts of the larger nations in 1898 or 1899 were as follows: Austria-Hungary, 1899, \$2,574,378,500; France, 1899, \$5,970,965,000; German Empire, 1899, \$524,204,833; Prussia, 1899, \$1,578,016,666; Great Britain and Ireland, 1899, \$3,323,819,000; Italy, 1899, \$2,482,814,812; Spain, 1898, \$1,709,000,000; Russia, 1899, \$4,759,437,000; United States, 1899, \$2,092,686,024.42.

### Indebtedness of the States and Territories in 1890.

COMPILED FROM THE ELEVENTH UNITED STATES CENSUS.

| GEOGRAPHICAL DIVISIONS. | Total Combined Debt* Less Sinking Fund. |         | Per Capita of Combined Debt. |                    | GEOGRAPHICAL DIVISIONS. | Total Combined Debt* Less Sinking Fund. |         | Per Capita of Combined Debt. |       |
|-------------------------|---|---------|------------------------------|--------------------|-------------------------|---|---------|------------------------------|-------|
|                         | 1890.                                   | 1890.   | 1890.                        | 1890.              |                         | 1890.                                   | 1890.   | 1890.                        | 1890. |
| North Atlantic.....     | \$467,968,615                           | \$26.89 | \$37.28                      | Iowa.....          | \$11,275,319            | \$5.90                                  | \$5.01  |                              |       |
| Maine.....              | \$15,600,777                            | \$23.60 | \$35.81                      | Missouri.....      | 51,557,568              | 19.24                                   | 27.79   |                              |       |
| N. Hampshire.....       | 8,148,362                               | 21.64   | 31.10                        | N. Dakota.....     | 3,842,790               | 21.03                                   | 3.57    |                              |       |
| Vermont.....            | 3,785,373                               | 11.39   | 13.54                        | S. Dakota.....     | 6,613,707               | 20.11                                   | 8.82    |                              |       |
| Massachusetts.....      | 81,550,027                              | 36.42   | 51.55                        | Nebraska.....      | 15,536,772              | 14.67                                   | 16.56   |                              |       |
| Rhode Island.....       | 13,042,117                              | 37.75   | 46.91                        | Kansas.....        | 40,629,022              | 28.47                                   | 15.97   |                              |       |
| Connecticut.....        | 23,703,478                              | 31.76   | 35.33                        | South Central..... | 138,255,311             | 12.60                                   | 16.14   |                              |       |
| New York.....           | 201,763,217                             | 33.64   | 43.06                        | Kentucky.....      | \$19,432,885            | \$10.46                                 | \$9.09  |                              |       |
| New Jersey.....         | 49,333,589                              | 34.14   | 43.60                        | Tennessee.....     | 29,543,843              | 16.71                                   | 26.42   |                              |       |
| Pennsylvania.....       | 71,041,675                              | 13.51   | 25.03                        | Alabama.....       | 18,930,867              | 12.51                                   | 14.25   |                              |       |
| South Atlantic.....     | 165,107,113                             | 18.64   | 22.10                        | Mississippi.....   | 6,011,347               | 4.66                                    | 4.38    |                              |       |
| Delaware.....           | \$2,919,084                             | \$17.32 | \$16.17                      | Louisiana.....     | 33,335,497              | 29.80                                   | 45.60   |                              |       |
| Maryland.....           | 42,175,408                              | 40.46   | 44.31                        | Texas.....         | 20,172,063              | 9.02                                    | 7.34    |                              |       |
| Dist. of Columbia.....  | 19,781,050                              | 85.86   | 126.66                       | Arkansas.....      | 10,828,809              | 9.60                                    | 13.37   |                              |       |
| Virginia.....           | 50,837,315                              | 30.70   | 30.09                        | Western.....       | 43,641,122              | 14.41                                   | 13.85   |                              |       |
| W. Virginia.....        | 2,532,460                               | 3.32    | 2.65                         | Montana.....       | \$2,918,893             | \$22.09                                 | \$19.54 |                              |       |
| N. Carolina.....        | 11,117,445                              | 6.87    | 12.83                        | Wyoming.....       | 1,647,381               | 27.14                                   | 9.88    |                              |       |
| S. Carolina.....        | 13,295,637                              | 11.55   | 14.25                        | Colorado.....      | 8,411,027               | 20.41                                   | 18.67   |                              |       |
| Georgia.....            | 20,272,095                              | 11.03   | 12.74                        | New Mexico.....    | 2,831,538               | 18.44                                   | 7.71    |                              |       |
| Florida.....            | 2,176,619                               | 5.56    | 9.89                         | Arizona.....       | 2,937,971               | 49.28                                   | 9.33    |                              |       |
| North Central.....      | 320,238,281                             | 14.22   | 14.17                        | Utah.....          | 767,501                 | 3.69                                    | 8.81    |                              |       |
| Ohio.....               | \$71,065,386                            | \$19.35 | \$16.59                      | Nevada.....        | 1,337,501               | 29.23                                   | 22.48   |                              |       |
| Indiana.....            | 44,442,631                              | 11.15   | 9.28                         | Idaho.....         | 1,594,333               | 18.89                                   | 7.05    |                              |       |
| Illinois.....           | 41,841,649                              | 10.94   | 15.07                        | Washington.....    | 3,145,658               | 9.00                                    | 3.19    |                              |       |
| Michigan.....           | 16,941,926                              | 8.09    | 7.36                         | Oregon.....        | 2,479,860               | 7.90                                    | 4.86    |                              |       |
| Wisconsin.....          | 10,440,586                              | 6.19    | 9.19                         | California.....    | 15,569,459              | 12.89                                   | 19.18   |                              |       |
| Minnesota.....          | 26,050,929                              | 20.01   | 14.51                        | Total.....         | \$1,135,210,442         | \$18.13                                 | \$22.40 |                              |       |

\* The combined debt is composed of State debts, and county municipal, and school district debts. For details see THE WORLD ALMANAC for 1898.

Public Debt of the United States.

OFFICIAL STATEMENT OF NOVEMBER 1, 1899.

INTEREST-BEARING DEBT.

|                              |                 |
|------------------------------|-----------------|
| Funded loan of 1891 .....    | \$25,364,500.00 |
| Funded loan of 1907 .....    | 559,633,100.00  |
| Refunding certificates ..... | 37,300.00       |
| Loan of 1904 .....           | 100,000,000.00  |
| Loan of 1925 .....           | 162,315,400.00  |
| Two-twenties of 1898 .....   | 198,678,720.00  |

Aggregate of interest-bearing debt, exclusive of United States bonds issued to Pacific railroads.....\$1,046,049,020.00

DEBT ON WHICH INTEREST HAS CEASED SINCE MATURITY.

Aggregate debt on which interest has ceased since maturity..... \$1,210,030.26

DEBT BEARING NO INTEREST.

|                          |                  |
|--------------------------|------------------|
| United States notes..... | \$346,681,016.00 |
| Old demand notes.....    | 53,847.50        |
| National bank notes:     |                  |
| Redemption account.....  | 25,145,799.00    |
| Fractional currency..... | 6,881,408.66     |

Aggregate of debt bearing no interest \$388,762,071.16

CERTIFICATES AND NOTES ISSUED ON DEPOSITS OF COIN AND LEGAL-TENDER NOTES AND PURCHASES OF SILVER BULLION.

|                              |                  |
|------------------------------|------------------|
| Gold certificates.....       | \$152,438,119.00 |
| Silver certificates.....     | 400,633,504.00   |
| Certificates of deposit..... | 13,765,000.00    |
| Treasury notes of 1890.....  | 89,828,280.00    |

Aggregate of certificates and Treasury notes, offset by cash in the Treasury.....\$656,664,903.00

CLASSIFICATION OF DEBT NOVEMBER 1, 1899

|   |                    |
|---|--------------------|
| Interest-bearing debt .....                           | \$1,046,049,020.00 |
| Debt on which interest has ceased since maturity..... | 1,210,030.26       |
| Debt bearing no interest .....                        | 358,762,071.16     |

Aggregate of interest and non-interest bearing debt .....

Certificates and Treasury notes offset by an equal amount of cash in the Treasury .....

Aggregate of debt, including certificates and Treasury notes.....\$2,032,686,024.42

CASH IN THE TREASURY.

|   |                  |
|---|------------------|
| Gold certificates.....                          | \$152,438,119.00 |
| Silver certificates.....                        | 400,633,504.00   |
| Certificates of deposit, act June 8, 1872 ..... | 13,765,000.00    |
| Treasury notes of 1890 .....                    | 89,828,280.00    |
|   | \$656,664,903.00 |

Fund for redemption of uncurrent National bank notes.....\$9,290,514.35

Outstanding checks and drafts..... 6,547,834.84

Disbursing officers' balances .....

Agency accounts, etc.... 57,031,598.42

Gold reserve .....

Net cash balance .....

Aggregate .....

Cash balance in the Treasury November 1, 1899.....

Principal of the Public Debt.

Statement of outstanding Principal of the Public Debt of the United States on January 1 of each Year from 1791 to 1842, inclusive, on July 1 of each Year from 1843 to 1886, inclusive; on December 1 of each Year from 1887 to 1892, inclusive, and on November 1, from 1893 to 1899, inclusive.

|                  |                 |                  |                  |                  |                    |
|------------------|-----------------|------------------|------------------|------------------|--------------------|
| 1791 Jan. 1..... | \$75,463,476.52 | 1828 Jan. 1..... | \$67,475,043.87  | 1864 July 1..... | \$1,815,784,370.57 |
| 1792 ".....      | 77,217,924.66   | 1829 ".....      | 58,421,413.67    | 1865 ".....      | 2,680,647,869.74   |
| 1793 ".....      | 80,352,634.04   | 1830 ".....      | 48,565,406.50    | 1866 ".....      | 2,773,236,173.69   |
| 1794 ".....      | 78,427,404.77   | 1831 ".....      | 39,123,191.68    | 1867 ".....      | 2,678,126,103.87   |
| 1795 ".....      | 80,747,587.39   | 1832 ".....      | 24,322,235.18    | 1868 ".....      | 2,611,687,851.19   |
| 1796 ".....      | 83,762,172.07   | 1833 ".....      | 7,001,698.83     | 1869 ".....      | 2,588,452,213.94   |
| 1797 ".....      | 82,064,479.33   | 1834 ".....      | 4,760,082.08     | 1870 ".....      | 2,480,672,427.81   |
| 1798 ".....      | 79,228,529.12   | 1835 ".....      | 37,513.05        | 1871 ".....      | 2,353,211,332.32   |
| 1799 ".....      | 78,408,669.77   | 1836 ".....      | 336,957.83       | 1872 ".....      | 2,253,251,328.78   |
| 1800 ".....      | 82,976,294.35   | 1837 ".....      | 3,308,124.07     | 1873 ".....      | 2,234,482,993.20   |
| 1801 ".....      | 83,038,050.80   | 1838 ".....      | 10,434,221.14    | 1874 ".....      | 2,251,690,468.43   |
| 1802 ".....      | 86,712,632.25   | 1839 ".....      | 3,573,343.82     | 1875 ".....      | 2,232,284,531.95   |
| 1803 ".....      | 77,054,686.30   | 1840 ".....      | 5,250,875.54     | 1876 ".....      | 2,180,395,067.15   |
| 1804 ".....      | 86,427,120.88   | 1841 ".....      | 13,594,480.73    | 1877 ".....      | 2,205,301,392.10   |
| 1805 ".....      | 82,312,150.50   | 1842 ".....      | 26,601,226.28    | 1878 ".....      | 2,256,205,892.53   |
| 1806 ".....      | 75,723,270.66   | 1843 July 1..... | 32,742,922.00    | 1879 ".....      | 2,340,567,232.04   |
| 1807 ".....      | 69,218,398.64   | 1844 ".....      | 23,461,652.50    | 1880 ".....      | 2,128,791,054.63   |
| 1808 ".....      | 65,196,317.97   | 1845 ".....      | 15,925,303.01    | 1881 ".....      | 2,077,389,253.58   |
| 1809 ".....      | 57,023,192.09   | 1846 ".....      | 15,550,202.97    | 1882 ".....      | 1,926,688,678.03   |
| 1810 ".....      | 53,173,217.52   | 1847 ".....      | 38,826,534.77    | 1883 ".....      | 1,892,547,412.07   |
| 1811 ".....      | 48,005,587.76   | 1848 ".....      | 47,044,862.23    | 1884 ".....      | 1,838,904,607.57   |
| 1812 ".....      | 45,209,737.90   | 1849 ".....      | 63,061,858.69    | 1885 ".....      | 1,872,340,557.14   |
| 1813 ".....      | 55,962,827.57   | 1850 ".....      | 63,452,773.55    | 1886 ".....      | 1,783,438,697.78   |
| 1814 ".....      | 81,487,846.24   | 1851 ".....      | 68,304,796.02    | 1887 Dec. 1..... | 1,664,461,536.38   |
| 1815 ".....      | 99,833,660.15   | 1852 ".....      | 66,199,341.71    | 1888 ".....      | 1,680,917,706.23   |
| 1816 ".....      | 127,334,933.74  | 1853 ".....      | 59,803,117.70    | 1889 ".....      | 1,617,372,419.53   |
| 1817 ".....      | 123,491,905.16  | 1854 ".....      | 42,242,222.42    | 1890 ".....      | 1,549,206,126.48   |
| 1818 ".....      | 103,466,633.83  | 1855 ".....      | 35,586,853.56    | 1891 ".....      | 1,546,961,695.61   |
| 1819 ".....      | 95,529,648.28   | 1856 ".....      | 31,972,537.90    | 1892 ".....      | 1,563,612,455.63   |
| 1820 ".....      | 91,015,566.15   | 1857 ".....      | 28,699,831.85    | 1893 Nov. 1..... | 1,549,556,353.63   |
| 1821 ".....      | 89,987,427.66   | 1858 ".....      | 44,911,881.03    | 1894 ".....      | 1,626,154,037.68   |
| 1822 ".....      | 93,546,676.98   | 1859 ".....      | 58,496,837.88    | 1895 ".....      | 1,717,481,779.90   |
| 1823 ".....      | 90,875,877.28   | 1860 ".....      | 64,842,887.88    | 1896 ".....      | 1,785,412,640.00   |
| 1824 ".....      | 90,269,777.77   | 1861 ".....      | 90,530,873.72    | 1897 ".....      | 1,808,777,643.40   |
| 1825 ".....      | 83,788,432.71   | 1862 ".....      | 524,176,412.13   | 1898 ".....      | 1,964,827,130.90   |
| 1826 ".....      | 81,064,059.99   | 1863 ".....      | 1,119,772,138.64 | 1899 ".....      | 2,002,686,024.42   |
| 1827 ".....      | 73,987,357.20   |                  |                  |                  |                    |

Value of Foreign Coins in United States Money.

(Proclaimed by the Secretary of the Treasury October 1, 1899.)

| COUNTRY.     | Standard. | Monetary Unit.          | Value in U. S. Gold Dollar.          | Coins.   |
|--------------|-----------|-------------------------|--------------------------------------|--|
| Argent. R.   | Gld&Sil   | Peso.....               | \$0.96 5                             | Gold: argentine (\$4.82,4) and ¼ argentine. Silver: peso and divisions.  |
| Austria H.   | Gold      | Crown.....              | .20,3                                | Gold: former system—4 forins (\$1.92,9), 8 forins (\$3.85,8), ducat (\$2.28,7), and 4 ducats (\$8.14,9). Silver: 1 and 2 forins. Gold: present system—20 crowns (\$4.05,2) and 10 crowns (\$2.02,6). |
| Belgium....  | Gld&Sil   | Franc.....              | .19 3                                | Gold: 10 and 20 francs. Silver: 5 francs.  |
| Bolivia....  | Silver... | Boliviano.....          | .43 6                                | Silver: boliviano and divisions.   |
| Brazil.....  | Gold      | Milreis.....            | .54 6                                | Gold: 5, 10, and 20 milreis. Silver: ½, 1, and 2 milreis.  |
| Canada.....  | Gold      | Dollar.....             | 1.00                                 |  |
| Cent. Am.    | Silver... | Peso*.....              | .43 6                                | Silver: peso and divisions.  |
| Chile.....   | Gold      | Peso.....               | .36 5                                | Gold: escudo (\$1.82,5), doubloon (\$3.65), and condor (\$7.30). Silver: peso and divisions.   |
| China.....   | Silver... | Tael.....               | 64.4<br>71.8<br>68,3<br>67,4<br>43,6 | { Shanghai<br>Haikwan<br>Tientsin<br>Chefoo...}  |
| Colombia.... | Silver... | Peso.....               | .43 6                                | Gold: condor (\$9.64,7) and double-condor. Silver: peso.   |
| Costa Rica.. | Gold      | Colon.....              | .46 5                                | Gold: 2, 5, 10, and 20 colons (\$9.30,7). Silver: 5, 10, 25, and 50 centimos.  |
| Cuba.....    | Gld&Sil   | Peso.....               | .92 6                                | Gold: doubloon (\$5.01,7). Silver: peso.   |
| Denmark....  | Gold      | Crown.....              | .26 8                                | Gold: 10 and 20 crowns.  |
| Ecuador....  | Silver... | Sucre.....              | .43 6                                | Gold: condor (\$9.64,7) and double-condor. Silver: sucre and divisions.  |
| Egypt.....   | Gold      | Pound (100 piasters)... | 4.94,3                               | Gold: pound (100 piasters), 5, 10, 20, and 50 piasters. Silver: 1, 2, 5, 10, and 20 piasters.  |
| Finland....  | Gold      | Mark.....               | .19 3                                | Gold: 20 marks (\$3.55,9), 10 marks (\$1.93).  |
| France.....  | Gld&Sil   | Franc.....              | .19 3                                | Gold: 5, 10, 20, 50, and 100 francs. Silver: 5 francs.   |
| Germany....  | Gold      | Mark.....               | .23 8                                | Gold: 5, 10, and 20 marks.   |
| Gt. Britain  | Gold      | Pound sterling.....     | 4.86,6½                              | Gold: sovereign (pound sterling) and ½ sov'gn.   |
| Greece.....  | Gld&Sil   | Drachma.....            | .19 3                                | Gold: 5, 10, 20, 50, and 100 drachmas. Silver: 5 drachmas.   |
| Hayti.....   | Gld&Sil   | Gourde.....             | .96 5                                | Silver: gourde.  |
| India.....   | Silver... | Rupee.....              | .19 3                                | Gold: mohur (\$7.10,5). Sil.: rupee and div'ns.  |
| Italy.....   | Gld&Sil   | Lira.....               | .19 3                                | Gold: 5, 10, 20, 50, and 100 lire. Silver: 5 lire.   |
| Japan.....   | Gold      | Yen.....                | .49,8                                | Gold: 1, 2, 5, 10, and 20 yen. Silver: 10, 20, and 50 sen.   |
| Liberia....  | Gold      | Dollar.....             | 1.00                                 |  |
| Mexico....   | Silver... | Dollar.....             | .47 4                                | Gold: dollar (\$0.98,3), 2½, 5, 10, and 20 dollars. Silver: dollar (or peso) and divisions.  |
| Neth'lands   | Gld&Sil   | Florin.....             | .40 2                                | Gold: 10 florins. Silver: ½, 1, and 2½ florins.  |
| N found d    | Gold      | Dollar.....             | 1.01 4                               | Gold: 2 dollars (\$2.02,7).  |
| Norway....   | Gold      | Crown.....              | .28 8                                | Gold: 10 and 20 crowns.  |
| Peru.....    | Silver... | Sol.....                | .43 6                                | Silver: sol and divisions.   |
| Portugal.... | Gold      | Milreis.....            | 1.08                                 | Gold: 1, 2, 5, and 10 milreis.   |
| Russia.....  | Gold      | Ruble.....              | .51 5                                | Gold: imperial (\$7.71,8) and ½ imperial (\$3.86). Crown & half crown. Silver: ½, ½, & 1 ruble.  |
| Spain.....   | Gld&Sil   | Peseta.....             | .19 3                                | Gold: 25 pesetas. Silver: 5 pesetas.   |
| Sweden....   | Gold      | Crown.....              | .26 8                                | Gold: 10 and 20 crowns.  |
| Switz'land   | Gld & Sil | Franc.....              | .19 3                                | Gold: 5, 10, 20, 50, & 100 francs. Silver: 5 fr's.   |
| Turkey....   | Gold      | Piaster.....            | .04 4                                | Gold: 25, 50, 100, 250, and 500 piasters.  |
| Uruguay....  | Gold      | Peso.....               | 1.03 4                               | Gold: peso. Silver: peso and divisions.  |
| Venezuela..  | Gld&Sil   | Bolivar.....            | .19 3                                | Gold: 5, 10, 20, 50, and 100 bolivars. Silver: 5 bolivars.   |

\* Not including Costa Rica † Value of the rupee to be determined by consular certificate.

TABLE SHOWING THE VALUE OF FOREIGN COINS AND PAPER NOTES IN AMERICAN MONEY BASED UPON THE VALUES EXPRESSED IN THE ABOVE TABLE.

| NUMBER. | British £ Sterling. | German Mark. | French Franc. Italian Lira. | Chinese Tael (Shanghai). | Dutch Florin. | Indian Rupee. | Russian Gold Ruble. | Austrian Crown. |
|---------|---------------------|--------------|-----------------------------|--------------------------|---------------|---------------|---------------------|-----------------|
| 1       | \$4.86.6½           | \$0.23.8     | \$0.19.3                    | \$0.64.4                 | \$0.40.2      | \$0.20.7      | \$0.51.5            | \$0.20.3        |
| 2       | 9.73.3              | 0.47.6       | 0.38.6                      | 1.28.8                   | 0.80.4        | 0.41.4        | 1.03                | 0.40.6          |
| 3       | 14.59.9½            | 0.71.4       | 0.57.9                      | 1.93.2                   | 1.20.6        | 0.62.1        | 1.54.5              | 0.60.9          |
| 4       | 19.46.6             | 0.95.2       | 0.77.2                      | 2.57.6                   | 1.60.8        | 0.82.8        | 2.06                | 0.81.2          |
| 5       | 24.33.2½            | 1.19         | 0.96.5                      | 3.22                     | 2.01          | 1.03.5        | 2.57.5              | 1.01.5          |
| 6       | 29.19.9             | 1.42.8       | 1.15.8                      | 3.86.4                   | 2.41.2        | 1.24.2        | 3.09                | 1.21.8          |
| 7       | 34.06.5½            | 1.66.6       | 1.35.1                      | 4.50.8                   | 2.81.4        | 1.44.9        | 3.60.5              | 1.42.1          |
| 8       | 38.93.2             | 1.90.4       | 1.54.4                      | 5.15.2                   | 3.21.6        | 1.65.9        | 4.12                | 1.62.4          |
| 9       | 43.79.8½            | 2.14.2       | 1.73.7                      | 5.79.6                   | 3.61.8        | 1.86.3        | 4.63.5              | 1.82.7          |
| 10      | 48.66.5             | 2.38         | 1.93                        | 6.44                     | 4.02          | 2.07          | 5.15                | 2.03            |
| 20      | 97.33               | 4.76         | 3.86                        | 12.88                    | 8.04          | 4.14          | 10.30               | 4.06            |
| 30      | 145.99.5            | 7.14         | 5.79                        | 19.32                    | 12.06         | 6.24          | 15.45               | 6.09            |
| 40      | 194.66              | 9.52         | 7.72                        | 25.76                    | 16.08         | 8.28          | 20.60               | 8.1             |
| 50      | 243.32.5            | 11.90        | 9.65                        | 32.20                    | 20.10         | 10.35         | 25.75               | 10.15           |
| 100     | 486.65              | 23.80        | 19.30                       | 64.40                    | 40.20         | 20.70         | 51.50               | 20.30           |

Monetary Statistics.

(Compiled from the Report of the Director of the Mint.)  
APPROXIMATE AMOUNT OF MONEY IN THE WORLD, JANUARY 1, 1899.

| COUNTRIES.          | Monetary System. | Ratio Between Gold and Full Legal Tender Silver. | Ratio Between Gold and Limited Tender Silver. | Gold Stock.     | Silver Stock.   | Uncovered Paper. | PER CAPITA. |         |        |         |
|---------------------|------------------|--|---|-----------------|-----------------|------------------|-------------|---------|--------|---------|
|                     |                  |  |   |                 |                 |                  | Gold.       | Silver. | Paper. | Total.  |
| United States*      | Gold and Silver  | 1 to 15.98                                       | 1 to 14.95                                    | \$662,900,000   | \$639,000,000   | \$319,500,000    | \$12.65     | \$8.40  | \$4.20 | \$25.96 |
| United Kingdom      | Gold             | 1 to 15.12                                       | 1 to 14.28                                    | 462,300,000     | 111,900,000     | 111,600,000      | 11.50       | 2.78    | 2.77   | 17.05   |
| France              | Gold and Silver  | 1 to 15 1/2                                      | 1 to 14.38                                    | 810,600,000     | 420,100,000     | 161,100,000      | 21.05       | 10.92   | 4.18   | 36.15   |
| Germany             | Gold             | 1 to 15.12                                       | 1 to 13.97                                    | 672,800,000     | 208,200,000     | 156,700,000      | 12.86       | 3.98    | 3.00   | 19.84   |
| Belgium             | Gold and Silver  | 1 to 15 1/2                                      | 1 to 14.38                                    | 30,000,000      | 45,000,000      | 82,500,000       | 4.54        | 6.82    | 12.50  | 23.86   |
| Italy               | Gold and Silver  | 1 to 15 1/2                                      | 1 to 14.38                                    | 98,000,000      | 43,900,000      | 174,900,000      | 3.09        | 1.38    | 6.52   | 9.99    |
| Switzerland         | Gold and Silver  | 1 to 15 1/2                                      | 1 to 14.38                                    | 24,000,000      | 10,700,000      | 17,400,000       | 7.74        | 3.45    | 5.61   | 16.80   |
| Greece              | Gold and Silver  | 1 to 15 1/2                                      | 1 to 14.38                                    | 500,000         | 1,500,000       | 29,100,000       | .21         | .62     | 12.12  | 12.95   |
| Spain               | Gold and Silver  | 1 to 15 1/2                                      | 1 to 14.38                                    | 53,400,000      | 37,800,000      | 187,500,000      | 2.92        | 2.06    | 10.24  | 15.22   |
| Portugal            | Gold             | 1 to 15 1/2                                      | 1 to 14.38                                    | 5,300,000       | 2,900,000       | 75,200,000       | 1.02        | 1.88    | 14.74  | 17.64   |
| Roumania            | Gold and Silver  | 1 to 15 1/2                                      | 1 to 14.38                                    | 12,100,000      | 7,100,000       | 20,200,000       | 2.42        | 1.31    | 3.75   | 7.48    |
| Servia              | Gold and Silver  | 1 to 15 1/2                                      | 1 to 14.38                                    | 1,000,000       | 1,800,000       | 3,600,000        | .41         | .21     | 1.56   | 2.18    |
| Austria-Hungary     | Gold             | 1 to 15.98                                       | 1 to 13.69                                    | 221,400,000     | 147,300,000     | 103,000,000      | 4.82        | 3.21    | 2.94   | 10.97   |
| Netherlands         | Gold and Silver  | 1 to 15 5/8                                      | 1 to 15                                       | 30,200,000      | 56,400,000      | 47,200,000       | 6.04        | 11.28   | 2.44   | 26.76   |
| Norway              | Gold             | 1 to 15 1/2                                      | 1 to 14.88                                    | 8,600,000       | 2,300,000       | 5,100,000        | 4.10        | 1.09    | 2.43   | 7.62    |
| Sweden              | Gold             | 1 to 15 1/2                                      | 1 to 14.88                                    | 13,000,000      | 6,500,000       | 29,500,000       | 2.60        | 1.30    | 6.90   | 9.80    |
| Denmark             | Gold             | 1 to 15 1/2                                      | 1 to 14.88                                    | 16,900,000      | 5,400,000       | 5,900,000        | 7.35        | 2.35    | 5.66   | 12.26   |
| Russia              | Gold             | 1 to 23.24                                       | 1 to 23.24                                    | 740,400,000     | 81,900,000      | .....            | 5.69        | .63     | .....  | 6.32    |
| Turkey              | Gold and Silver  | 1 to 15 7/8                                      | 1 to 15 7/8                                   | 50,000,000      | 40,000,000      | .....            | 2.07        | 1.66    | .....  | 3.73    |
| Australasia         | Gold             | 1 to 14.28                                       | 1 to 14.28                                    | 132,100,000     | 7,000,000       | 22,500,000       | 25.90       | 1.37    | 4.41   | 31.68   |
| Egypt               | Gold             | 1 to 15.68                                       | 1 to 15.68                                    | 30,000,000      | 6,400,000       | .....            | 3.06        | .65     | .....  | 3.71    |
| Mexico              | Silver           | 1 to 16 1/2                                      | .....   | 8,600,000       | 106,000,000     | 4,000,000        | .66         | 8.15    | .31    | 9.12    |
| Central Am. States  | Silver           | 1 to 16 1/2                                      | .....   | 1,000,000       | 11,400,000      | 18,100,000       | .30         | 3.35    | 5.32   | 8.97    |
| South Am. States    | Silver           | 1 to 15 1/2                                      | .....   | 73,700,000      | 29,000,000      | 1,159,300,000    | 1.91        | .76     | 30.61  | 33.18   |
| Japan               | Gold             | 1 to 15 1/2                                      | 1 to 32.36                                    | 54,000,000      | .....           | .....            | 1.20        | .....   | .....  | 1.75    |
| India               | Silver           | 1 to 15  | .....   | .....           | 585,400,000     | 47,400,000       | .....       | 1.91    | 1.16   | 2.07    |
| China               | Silver           | .....  | .....   | .....           | 750,000,000     | .....            | .....       | 1.96    | .....  | 1.96    |
| Straits Settlements | Silver           | .....  | .....   | .....           | 242,000,000     | .....            | .....       | 53.32   | .....  | 53.82   |
| Canada              | Gold             | 1 to 14.28                                       | 1 to 14.28                                    | 20,000,000      | 5,000,000       | 40,500,000       | 3.70        | .93     | 7.50   | 12.13   |
| Cuba                | Gold and Silver  | 1 to 15 1/2                                      | 1 to 15 1/2                                   | 2,000,000       | 1,500,000       | .....            | 1.11        | .83     | .....  | 1.94    |
| Haiti               | Gold and Silver  | 1 to 15 1/2                                      | 1 to 15 1/2                                   | 1,200,000       | 3,500,000       | 3,700,000        | 1.20        | 2.50    | 3.70   | 8.40    |
| Bulgaria            | Gold and Silver  | 1 to 15 1/2                                      | 1 to 14.39                                    | 1,000,000       | 6,800,000       | .....            | .30         | 2.06    | .....  | 2.36    |
| Siam                | Silver           | .....  | .....   | 20,000,000      | 193,400,000     | .....            | 4.00        | 38.68   | .....  | 42.68   |
| Hawaii              | Gold and Silver  | 1 to 15.98                                       | 1 to 14.95                                    | 4,000,000       | 1,000,000       | .....            | 40.00       | 10.00   | .....  | 60.00   |
| Cape Colony         | Gold             | .....  | 1 to 14.28                                    | 37,500,000      | 1,000,000       | .....            | 17.86       | .47     | .....  | 18.33   |
| S. African Rep.     | Gold             | .....  | 1 to 14.28                                    | 29,200,000      | 1,200,000       | .....            | 26.54       | 1.09    | .....  | 27.63   |
| Finland             | Gold             | 1 to 15 1/2                                      | 1 to 15 1/2                                   | 4,100,000       | 500,000         | 10,800,000       | 1.53        | .19     | 4.15   | 6.92    |
| Total               | .....            | .....  | .....   | \$4,631,700,000 | \$3,836,100,000 | \$2,836,300,000  | \$3.51      | \$2.91  | \$2.16 | \$8.57  |

\* July 1, 1899. † Except Venezuela, Chile, and Peru.

WORLD'S PRODUCTION OF GOLD AND SILVER IN 1898.

| COUNTRIES.           | Gold.     |            | Silver.     |            | COUNTRIES.        | Gold.     |           | Silver    |              |
|----------------------|-----------|------------|-------------|------------|-------------------|-----------|-----------|-----------|--------------|
|                      | Oz. fine. | Dollars.   | Oz. fine.   | Dollars.   |                   | Oz. fine. | Dollars.  | Oz. fine. | Dollars.     |
| United States...     | 3,118,398 | 64,483,000 | 54,433,000  | 70,331,500 | Argentina.....    | 6,861     | \$137,700 | 283,479   | \$495,800    |
| Mexico.....          | 411,137   | 8,500,000  | 56,738,000  | 73,833,200 | Bolivia.....      | 16,617    | \$332,500 | 8,204,588 | \$10,607,000 |
| Canada, Newfoundland | 669,445   | 13,838,700 | 4,452,323   | 5,756,500  | Chile.....        | 16,482    | \$340,700 | 2,591,998 | \$3,251,200  |
| Africa.....          | 3,890,704 | 80,428,000 | .....       | .....      | Colombia.....     | 109,483   | 2,263,200 | 5,483,717 | 7,090,100    |
| Australasia.....     | 3,131,644 | 64,860,800 | 19,021,682  | 15,543,200 | Brazil.....       | 76,618    | 1,533,700 | .....     | .....        |
| Russia.....          | 1,231,791 | 25,303,400 | 278,492     | 350,100    | Venezuela.....    | \$61,151  | 1,057,400 | .....     | .....        |
| Austria-Hungary      | 80,934    | 1,639,500  | 1,514,294   | 2,345,700  | Guiana (British)  | 99,105    | 2,048,700 | .....     | .....        |
| Germany.....         | 3,561     | 73,600     | 5,571,516   | 7,203,600  | Guiana (Dutch)    | 27,532    | 669,100   | .....     | .....        |
| Norway.....          | .....     | .....      | 173,321     | 224,100    | Guiana (French)   | 79,547    | 1,644,400 | .....     | .....        |
| Sweden.....          | 4,054     | 83,600     | 65,345      | 84,500     | Peru.....         | \$30,380  | 628,000   | 1,351,240 | 2,522,800    |
| Italy.....           | 8,027     | 165,900    | 804,512     | 1,040,200  | Central America   | 22,917    | 473,700   | 716,005   | 925,700      |
| Spain.....           | \$1,333   | 37,900     | \$5,957,965 | 7,703,200  | Japan.....        | 38,253    | 790,800   | 1,669,856 | 2,146,100    |
| Greece.....          | .....     | .....      | \$81,356    | 1,268,500  | China.....        | 244,059   | 6,078,700 | .....     | .....        |
| Turkey.....          | 1,333     | 7,300      | \$25,225    | 291,200    | Korea.....        | \$49,350  | 1,020,200 | .....     | .....        |
| France.....          | .....     | .....      | \$45,913    | 701,900    | India (British)   | 276,431   | 7,781,500 | .....     | .....        |
| Great Britain.....   | 321       | 6,600      | 211,247     | 273,300    | East Indies (Br.) | 31,973    | 660,900   | .....     | .....        |

Fine oz. of gold, \$20.6718344; of silver, \$1.2929294, coining rate in U. S. silver dollars. \*1897, †1896.

The London "Statist" estimates the production of the Transvaal gold mines from 1887 to 1898 inclusive at \$392,440,240.

VALUE OF A UNITED STATES SILVER DOLLAR PURCHASABLE WITH A GOLD DOLLAR AT THE AVERAGE LONDON PRICE OF SILVER, EACH YEAR SINCE 1880.

| CALENDAR YEARS. | BULLION VALUE OF A SILVER DOLLAR. |         |          | Grains of Pure Silver, at Average Price, Purchasable with a United States Silver Dollar.* | CALENDAR YEARS. | BULLION VALUE OF A SILVER DOLLAR. |         |          | Grains of Pure Silver, at Average Price, Purchasable with a United States Silver Dollar.* |
|-----------------|-----------------------------------|---------|----------|---|-----------------|-----------------------------------|---------|----------|---|
|                 | Highest.                          | Lowest. | Average. |   |                 | Highest.                          | Lowest. | Average. |   |
| 1880.....       | \$0.896                           | \$0.875 | \$0.886  | 419.49  | 1890.....       | \$0.926                           | \$0.740 | \$0.809  | 458.90  |
| 1881.....       | .896                              | .862    | .881     | 421.87  | 1891.....       | .827                              | .738    | .764     | 485.93  |
| 1882.....       | .887                              | .847    | .878     | 422.83  | 1892.....       | .742                              | .642    | .674     | 550.81  |
| 1883.....       | .868                              | .847    | .858     | 432.69  | 1893.....       | .657                              | .517    | .604     | 614.65  |
| 1884.....       | .871                              | .839    | .861     | 431.19  | 1894.....       | .538                              | .457    | .491     | 756.11  |
| 1885.....       | .847                              | .794    | .823     | 451.08  | 1895.....       | .532                              | .461    | .505     | 735.14  |
| 1886.....       | .797                              | .712    | .769     | 482.77  | 1896.....       | .541                              | .504    | .522     | 711.20  |
| 1887.....       | .799                              | .733    | .758     | 489.78  | 1897.....       | .505                              | .400    | .467     | 794.96  |
| 1888.....       | .755                              | .706    | .727     | 510.66  | 1898.....       | .451                              | .424    | .456     | 814.14  |
| 1889.....       | .752                              | .711    | .723     | 513.48  |                 |                                   |         |          |   |

\* 371.25 grains of pure silver are contained in a silver dollar.

MONETARY STATISTICS—Continued.

COMMERCIAL RATIO OF SILVER TO GOLD.

|           |       |           |       |           |       |           |       |              |       |
|-----------|-------|-----------|-------|-----------|-------|-----------|-------|--------------|-------|
| 1857..... | 14.94 | 1853..... | 15.37 | 1872..... | 15.63 | 1881..... | 18.16 | 1890.....    | 19.76 |
| 1700..... | 14.81 | 1854..... | 15.37 | 1873..... | 15.92 | 1882..... | 18.19 | 1891.....    | 20.92 |
| 1750..... | 14.55 | 1855..... | 15.44 | 1874..... | 16.17 | 1883..... | 18.64 | 1892.....    | 23.72 |
| 1800..... | 15.68 | 1856..... | 15.43 | 1875..... | 16.69 | 1884..... | 18.57 | 1893.....    | 26.49 |
| 1825..... | 15.17 | 1857..... | 15.57 | 1876..... | 17.88 | 1885..... | 19.41 | 1894.....    | 32.56 |
| 1850..... | 15.70 | 1858..... | 15.59 | 1877..... | 17.22 | 1886..... | 20.78 | 1895.....    | 31.60 |
| 1860..... | 15.23 | 1859..... | 15.60 | 1878..... | 17.94 | 1887..... | 21.13 | 1896.....    | 30.66 |
| 1861..... | 15.50 | 1870..... | 15.57 | 1879..... | 18.40 | 1888..... | 21.99 | 1897.....    | 34.28 |
| 1862..... | 15.85 | 1871..... | 15.57 | 1880..... | 18.05 | 1889..... | 22.09 | 1898 (9 mo.) | 35.40 |

BULLION VALUE OF 371¼ GRAINS OF PURE SILVER AT THE ANNUAL AVERAGE PRICE OF SILVER.

| YEAR.     | Value.  | YEAR.     | Value.  | YEAR.     | Value.  | YEAR.     | Value.  | YEAR.     | Value.  |
|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|
| 1837..... | \$1.009 | 1873..... | \$1.004 | 1880..... | \$0.886 | 1887..... | \$0.757 | 1893..... | \$0.603 |
| 1840..... | 1.023   | 1874..... | .988    | 1881..... | .876    | 1888..... | .727    | 1894..... | .491    |
| 1850..... | 1.018   | 1875..... | .964    | 1882..... | .878    | 1889..... | .723    | 1895..... | .506    |
| 1865..... | 1.035   | 1876..... | .894    | 1883..... | .858    | 1890..... | .809    | 1896..... | .522    |
| 1870..... | 1.027   | 1877..... | .920    | 1884..... | .859    | 1891..... | .764    | 1897..... | .467    |
| 1871..... | 1.025   | 1878..... | .891    | 1885..... | .823    | 1892..... | .674    | 1898..... | .456    |
| 1872..... | 1.022   | 1879..... | .868    | 1886..... | .769    |           |         |           |         |

PURCHASES OF SILVER BY THE UNITED STATES.

| ACT AUTHORIZING.  |  | Fine Ounces. | Cost.         | Average Price |
|---|--|--------------|---------------|---------------|
| February 12, 1873.....  |  | 5,434,282    | \$7,152,564   | \$1.314       |
| January 14, 1875.....   |  | 31,603,906   | 37,571,148    | .189          |
| February 28, 1878.....  |  | 291,292,019  | 308,199,262   | 1.058         |
| July 14, 1890 (to November 1, 1893, date of the repeal of the purchasing clause of the act of July 14, 1890)..... |  | 168,674,682  | 155,931,002   | .924          |
| Total.....  |  | 497,004,889  | \$508,853,976 | \$1.024       |

SOURCES OF GOLD AND SILVER PRODUCT OF THE UNITED STATES.

In answer to the many interrogatories received by the Bureau of the Mint relative to the sources of the production of the precious metals in the United States, the following table, compiled from reports made by the mint officers and agents, as to the sources of production for the calendar year 1893, shows the distribution among the various gold and silver producing States and Territories of the amount of gold and silver extracted from quartz, the amount of gold obtained from placer, and the amount of silver obtained from lead ores and copper ores as by-products.

| STATES.         | GOLD.     |           | SILVER.   |            |              | STATES.     | GOLD.     |           | SILVER.    |            |              |
|-----------------|-----------|-----------|-----------|------------|--------------|-------------|-----------|-----------|------------|------------|--------------|
|                 | Quartz.   | Placer.   | Quartz.   | Lead Ores. | Copper Ores. |             | Quartz.   | Placer.   | Quartz.    | Lead Ores. | Copper Ores. |
|                 | Fine Ozs. | Fine Ozs. | Fine Ozs. | Fine Ozs.  | Fine Ozs.    |             | Fine Ozs. | Fine Ozs. | Fine Ozs.  | Fine Ozs.  | Fine Ozs.    |
| Alabama.....    | 153       | 165       | 63        | ....       | ....         | N.Car'lina  | 3,327     | 1,125     | 1,509      | ....       | ....         |
| Alaska.....     | 64,531    | 67,175    | 89,474    | ....       | ....         | Oregon..... | 44,567    | 14,389    | 128,326    | ....       | ....         |
| Arizona.....    | 115,397   | 6,000     | 1,500,000 | 297,784    | 500,000      | S. Carolina | 5,008     | 90        | 325        | ....       | ....         |
| California..... | 564,144   | 185,332   | 278,600   | 157,443    | 265,745      | S. Dakota.  | 278,905   | ....      | 138,333    | ....       | ....         |
| Colorado.....   | 1,110,893 | 26,540    | 4,686,267 | 1,854,070  | ....         | Tennessee.  | 12        | 5         | 1          | ....       | ....         |
| Georgia.....    | 4,329     | 1,653     | 493       | ....       | ....         | Texas.....  | 2         | ....      | 472,953    | ....       | ....         |
| Idaho.....      | 57,235    | 44,432    | 1,400,078 | 3,856,022  | ....         | Utah.....   | 114,767   | ....      | 1,344,636  | 5,082,459  | 163,161      |
| Maryland.....   | 15        | 28        | 2         | ....       | ....         | Virginia..  | 160       | 85        | 15         | ....       | ....         |
| Michigan.....   | 3         | ....      | ....      | ....       | 32,457       | Wash'gton   | 24,152    | 5,459     | 209,548    | 120,000    | ....         |
| Montana.....    | 222,295   | 31,662    | 2,558,759 | 2,763,991  | 9,495,912    | Wyoming..   | 218       | 24        | ....       | ....       | ....         |
| Nevada.....     | 145,354   | 5,028     | 577,088   | 402,610    | ....         | Total....   | 2,812,519 | 372,215   | 13,716,892 | 31,812,676 | 10,457,275   |
| N. Mexico.....  | 36,181    | 3,092     | 331,362   | 106,697    | ....         |             |           |           |            |            |              |

\* Estimated. † Lead and copper ores.

It would appear from the above that less than one-third of the silver product of the United States is derived from mines producing silver ores proper, and that considerably more than two-thirds of the entire silver output of the United States is a product from the smelting of lead and copper ores, although this product is frequently more valuable than the other metals contained.

APPROXIMATE VALUE OF THE PRODUCT OF GOLD AND SILVER IN THE UNITED STATES IN THE CALENDAR YEAR 1898, DISTRIBUTED BY PRODUCING STATES AND TERRITORIES, AS ESTIMATED BY THE DIRECTOR OF THE MINT.

| STATES AND TERRITORIES. | Gold, Value. | Silver, Coining Value | Total Value. | STATES AND TERRITORIES. | Gold, Value. | Silver, Coining Value. | Total Value.  |
|-------------------------|--------------|-----------------------|--------------|-------------------------|--------------|------------------------|---------------|
| Alabama.....            | \$5,000      | \$129                 | \$5,129      | New Mexico.....         | \$539,000    | \$549,633              | \$1,088,633   |
| Alaska.....             | 2,524,800    | 119,467               | 2,644,267    | North Carolina.....     | 84,000       | 905                    | 84,905        |
| Arizona.....            | 2,465,100    | 2,904,954             | 5,370,054    | Oregon.....             | 1,177,600    | 168,081                | 1,345,681     |
| California.....         | 15,637,900   | 830,448               | 16,468,348   | South Carolina.....     | 104,200      | 388                    | 104,588       |
| Colorado.....           | 23,195,300   | 29,498,958            | 52,694,258   | South Dakota.....       | 5,699,700    | 196,913                | 5,896,613     |
| Georgia.....            | 128,600      | 646                   | 129,246      | Tennessee.....          | 900          | 303                    | 1,203         |
| Idaho.....              | 1,716,900    | 6,560,005             | 8,276,905    | Texas.....              | ....         | 611,426                | 611,726       |
| Iowa.....               | ....         | 100                   | 100          | Utah.....               | 2,285,400    | 8,385,810              | 10,671,210    |
| Maryland.....           | 600          | ....                  | 600          | Virginia.....           | ....         | 4,500                  | 4,500         |
| Michigan.....           | 100          | 41,391                | 41,991       | Washington.....         | 766,200      | 328,921                | 1,095,121     |
| Minnesota.....          | 100          | ....                  | 100          | Wyoming.....            | 5,300        | 129                    | 5,429         |
| Montana.....            | 5,126,900    | 19,144,663            | 24,271,563   | Total.....              | \$64,463,000 | \$70,384,485           | \$134,847,485 |
| Nevada.....             | 2,994,500    | 1,040,808             | 4,035,308    |                         |              |                        |               |

NOTE.—The commercial value of silver bullion in 1898 was 59 cents per fine ounce, while in 1897 it was 60 cents.

MONETARY STATISTICS—Continued.

GOLD AND SILVER DEPOSITED AT THE MINTS AND ASSAY OFFICES OF THE UNITED STATES FROM THEIR ORGANIZATION TO JANUARY 1, 1898.

| LOCALITY.        | Gold.          | Silver.        | Total.         | LOCALITY.        | Gold.            | Silver.        | Total.           |
|------------------|----------------|----------------|----------------|------------------|------------------|----------------|------------------|
| Alabama.....     | \$260,841.96   | \$489.51       | \$261,331.47   | N. Carolina....  | \$11,906,288.29  | \$7,978.01     | \$11,974,266.29  |
| Alaska.....      | 2,557,783.34   | 95,383.06      | 2,653,166.40   | Oregon.....      | 34,098,816.69    | 120,952.23     | 34,180,768.92    |
| Arizona.....     | 8,909,817.89   | 14,117,735.40  | 23,027,553.29  | South Carolina.. | 2,555,609.13     | 5,136.39       | 2,560,745.52     |
| California.....  | 776,268,535.53 | 4,329,140.51   | 780,597,676.34 | South Dakota.... | 62,153,515.43    | 1,130,009.83   | 63,343,525.26    |
| Connecticut..... | 125.82         | .....          | 125.82         | Tennessee.....   | 91,513.78        | 16.91          | 91,530.19        |
| Colorado.....    | 76,169,763.09  | 25,006,122.59  | 101,175,885.68 | Texas.....       | 10,442.43        | 3,457.51       | 13,899.94        |
| Georgia.....     | 9,611,772.89   | 8,889.87       | 9,620,662.76   | Utah.....        | 2,002,193.13     | 19,943,281.08  | 21,945,464.21    |
| Idaho.....       | 38,357,090.01  | 2,010,669.73   | 40,367,759.74  | Vermont.....     | 79,718.87        | 93.68          | 79,812.55        |
| Iowa.....        | 1,169.54       | 6.42           | 1,176.96       | Virginia.....    | 1,771,050.78     | 474.60         | 1,771,525.38     |
| Maine.....       | 6,311.06       | 22.90          | 6,333.96       | Washington....   | 1,433.02         | 2,665.98       | 4,099.00         |
| Maryland.....    | 18,003.91      | 41.83          | 18,045.74      | West Virginia..  | 194.29           | 1.99           | 196.28           |
| Michigan.....    | 501,991.91     | 4,183,502.84   | 4,685,494.75   | Wisconsin.....   | 325.73           | 7.02           | 332.75           |
| Minnesota.....   | 8,912.89       | 114.08         | 9,026.97       | Wyoming.....     | 901,036.68       | 13,511.66      | 914,548.34       |
| Missouri.....    | 95.71          | 339.11         | 434.82         | Other sources..  | 42,173,532.38    | 42,962,128.36  | 55,135,661.24    |
| Montana.....     | 79,070,112.19  | 22,243,493.08  | 101,313,605.27 | Unrefined.....   | 1,186,459,055.85 | 248,895,677.76 | 1,435,284,733.61 |
| Nebraska.....    | 2,340.96       | 973,296.13     | 975,637.09     | Refined.....     | 573,600,066.81   | 544,180,060.69 | 1,117,780,127.50 |
| Nevada.....      | 39,556,646.79  | 105,031,612.06 | 144,547,258.85 | Grand total....  | 1,769,519,461.66 | 793,005,738.45 | 2,562,525,200.11 |
| N. Hampshire..   | 481.34         | 1.75           | 483.09         |                  |                  |                |                  |
| New Mexico....   | 6,619,649.77   | 7,144,407.54   | 13,764,057.31  |                  |                  |                |                  |

PRODUCT OF GOLD AND SILVER FROM MINES IN THE UNITED STATES, 1876-1898.

| CALENDAR YEAR. | GOLD.        |              | SILVER.      |                   |                |
|----------------|--------------|--------------|--------------|-------------------|----------------|
|                | Fine Ounces. | Value.       | Fine Ounces. | Commercial Value. | Coining Value. |
| 1876.....      | 1,930,162    | \$39,900,000 | 30,009,000   | \$34,690,000      | \$38,800,000   |
| 1877.....      | 2,268,758    | 46,900,000   | 30,783,000   | 36,970,000        | 39,800,000     |
| 1878.....      | 2,476,800    | 51,200,000   | 34,960,000   | 40,270,000        | 45,200,000     |
| 1879.....      | 1,881,787    | 38,900,000   | 31,550,000   | 35,430,000        | 40,800,000     |
| 1880.....      | 1,741,500    | 36,000,000   | 30,320,000   | 34,720,000        | 39,200,000     |
| 1881.....      | 1,678,612    | 34,700,000   | 33,260,000   | 37,850,000        | 43,000,000     |
| 1882.....      | 1,572,187    | 32,500,000   | 36,200,000   | 41,120,000        | 46,800,000     |
| 1883.....      | 1,451,250    | 30,000,000   | 35,730,000   | 39,660,000        | 46,200,000     |
| 1884.....      | 1,489,950    | 30,800,000   | 37,800,000   | 42,070,000        | 48,800,000     |
| 1885.....      | 1,538,325    | 31,800,000   | 39,910,000   | 42,500,000        | 51,600,000     |
| 1886.....      | 1,693,125    | 35,000,000   | 39,440,000   | 39,250,000        | 51,000,000     |
| 1887.....      | 1,596,375    | 33,000,000   | 41,200,000   | 40,410,000        | 53,350,000     |
| 1888.....      | 1,604,841    | 33,175,000   | 45,780,000   | 43,020,000        | 59,195,000     |
| 1889.....      | 1,587,000    | 32,800,000   | 50,000,000   | 46,750,000        | 64,646,000     |
| 1890.....      | 1,588,880    | 32,845,000   | 54,500,000   | 57,225,000        | 70,465,000     |
| 1891.....      | 1,604,840    | 33,175,000   | 58,330,000   | 57,630,000        | 75,417,000     |
| 1892.....      | 1,696,375    | 33,000,000   | 63,500,000   | 55,563,000        | 82,101,000     |
| 1893.....      | 1,739,323    | 35,955,000   | 60,000,000   | 46,800,000        | 77,576,000     |
| 1894.....      | 1,910,813    | 39,500,000   | 49,500,000   | 31,422,000        | 64,000,000     |
| 1895.....      | 2,254,760    | 46,610,000   | 55,727,000   | 36,445,000        | 72,051,000     |
| 1896.....      | 2,508,132    | 53,088,000   | 58,835,000   | 39,665,000        | 76,069,000     |
| 1897.....      | 2,774,935    | 57,363,000   | 53,866,000   | 32,316,000        | 69,637,000     |
| 1898.....      | 3,118,398    | 64,463,000   | 54,438,000   | 32,118,000        | 70,384,000     |

COINAGE AT UNITED STATES MINTS.

Total coinage of the mints since their organization. 1792 (Philadelphia), to June 30, 1899, is as follows:

| Gold Coins.                         | Silver Coins.*                    | Nickel, Copper, and Bronze.            |
|-------------------------------------|-----------------------------------|--|
| Dble Eagles, \$1,479,704,120 00     | Dollars.....\$492,106,849 00      | 5 cent pieces, nickel, \$16,044,061 20 |
| Eagles..... 303,751,000 00          | Trade Dollars.. 35,965,924 00     | 3 cent pieces, nickel. 941,349 48      |
| Half Eagles... 254,560,530 00       | Half Dollars.. 141,254,276 50     | 2 cent pieces, bronze 1,022,000 00     |
| 3 dollar pieces 1,619,376 00        | Quarter Dollars 60,891,781 25     | 1 cent pieces, copper 1,562,887 44     |
| Quar. Eagles. 28,927,807 50         | 20 cent pieces.. 271,000 00       | 1 cent pieces, nickel. 2,007,720 00    |
| Dollars..... 19,499,337 00          | Dimes..... 34,228,800 80          | 1 cent pieces, bronze 9,661,211 35     |
|                                     | Half Dimes.... 4,880,219 40       | ½ cent pieces, copper 39,926 11        |
|                                     | 3 cent pieces.. 1,282,087 20      |  |
| <b>Total.....\$2,088,062,270 00</b> | <b>Total.....\$770,880,938 15</b> | <b>Total.....\$32,169,175 58</b>       |

\* Not including \$2,501,052.50 Columbian souvenir half dollars and \$10,005.75 Columbian souvenir quarter dollars issued in 1876.

PRODUCTION OF THE PRECIOUS METALS SINCE 1492.

The following table exhibits the production of gold and silver for periods since the discovery of America and the commercial ratio of silver to gold at the end of each period:

| YEARS.         | Gold.         | Silver-Coining Value. | Ratio. | YEARS.            | Gold.                  | Silver-Coining Value.   | Ratio.       |
|----------------|---------------|-----------------------|--------|-------------------|------------------------|-------------------------|--------------|
| 1492-1520..... | \$54,931,000  | \$54,703,000          | 10 75  | 1861-1870.....    | \$1,263,015,000        | \$507,174,000           | 15 66        |
| 1521-1560..... | 204,637,000   | 297,226,000           | 11 30  | 1871-1880.....    | 1,150,514,000          | 918,578,000             | 18 06        |
| 1561-1600..... | 189,012,000   | 597,244,000           | 11 80  | 1881-1890.....    | 1,059,892,000          | 1,298,820,000           | 19 76        |
| 1601-1640..... | 223,572,000   | 678,800,000           | 14 00  | 1891.....         | 130,650,000            | 177,350,000             | 20 92        |
| 1641-1680..... | 239,655,000   | 584,691,000           | 15 60  | 1892.....         | 146,298,000            | 198,014,400             | 23 72        |
| 1681-1720..... | 213,491,000   | 579,869,000           | 15 21  | 1893.....         | 157,494,800            | 213,944,400             | 26 49        |
| 1721-1760..... | 580,727,000   | 801,712,000           | 14 75  | 1894.....         | 181,175,600            | 213,829,600             | 29 66        |
| 1761-1800..... | 1,517,675,000 | 1,273,466,000         | 15 09  | 1895.....         | 198,763,600            | 215,666,900             | 31 60        |
| 1801-1810..... | 115,152,000   | 371,677,000           | 15 61  | 1896.....         | 202,251,600            | 203,069,200             | 30 66        |
| 1811-1820..... | 76,063,000    | 224,786,000           | 15 51  | 1897.....         | 228,812,000            | 212,194,900             | 34 28        |
| 1821-1830..... | 94,479,000    | 191,444,000           | 15 80  | 1898.....         | 287,422,600            | 213,715,400             | 38 29        |
| 1831-1840..... | 134,841,000   | 247,930,000           | 15 75  |                   |                        |                         |              |
| 1841-1850..... | 363,928,000   | 324,400,000           | 15 83  |                   |                        |                         |              |
| 1851-1860..... | 1,332,061,000 | 372,261,000           | 15 29  |                   |                        |                         |              |
|                |               |                       |        | <b>Total.....</b> | <b>\$9,508,317,200</b> | <b>\$10,372,431,000</b> | <b>11 00</b> |



MONETARY STATISTICS—Continued.

COINAGE OF NATIONS.

| COUNTRIES.               | 1896.         |               | 1897.         |               | 1898.         |               |
|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
|                          | Gold.         | Silver.       | Gold.         | Silver.       | Gold.         | Silver.       |
| United States.....       | \$47,053,060  | \$23,089,899  | \$76,028,435  | \$18,477,297  | \$77,985,758  | \$23,034,033  |
| Mexico.....              | 565,985       | 21,092,297    | 417,176       | 19,608,439    | 599,442       | 22,066,445    |
| Great Britain.....       | 23,402,560    | 6,640,352     | 8,654,764     | 4,583,888     | 28,204,336    | 6,260,247     |
| Australasia.....         | 34,602,786    | .....         | 37,289,873    | .....         | 34,433,387    | .....         |
| India*.....              | .....         | 5,579,692     | .....         | 25,227,995    | .....         | 26,685,134    |
| France.....              | 21,719,780    | .....         | 42,726,251    | 8,492         | 34,234,022    | 7,720,000     |
| Germany.....             | 25,133,476    | 2,718,388     | 30,147,656    | .....         | 42,675,087    | 3,701,600     |
| Russia†.....             | 10,284        | 30,985,555    | 170,614,861   | 136,392,493   | 135,788,949   | 21,373,189    |
| Austria-Hungary‡.....    | 83,898,739    | 711,800       | 33,640,553    | 5,722,330     | 14,367,363    | 1,369,352     |
| Eritrea.....             | .....         | .....         | .....         | .....         | .....         | .....         |
| Spain.....               | .....         | 5,386,942     | 2,890,407     | 6,724,106     | .....         | .....         |
| Italy.....               | .....         | .....         | 147,965       | 307,957       | .....         | 628,650       |
| Serbia.....              | .....         | .....         | .....         | 1,014,94      | .....         | 143,399       |
| Japan.....               | 1,125,000     | 13,399,062    | 31,600,410    | 4,266,028     | 16,002,641    | 8,159,857     |
| Portugal.....            | .....         | 1,900,00      | .....         | 864,000       | .....         | 1,100,844     |
| Netherlands.....         | .....         | 428,130       | .....         | 9,450,00      | 437,259       | 562,800       |
| Norway.....              | .....         | 67,000        | .....         | 147,400       | .....         | 147,400       |
| Sweden.....              | .....         | 109,007       | .....         | 535,319       | 1,680,022     | 795,072       |
| Denmark.....             | .....         | .....         | .....         | 135,513       | 267,046       | 63,800        |
| Switzerland.....         | 1,544,000     | 1,930         | 1,544,000     | .....         | 1,544,000     | 424,600       |
| Turkey.....              | 50,114        | 7,473         | 920,962       | 440,435       | 1,388,536     | 442,721       |
| Egypt.....               | .....         | 562,770       | .....         | 519,830       | .....         | 826,114       |
| Abyssinia.....           | .....         | 375           | .....         | 710,133       | .....         | 401,440       |
| Hong Kong.....           | .....         | 1,700,000     | .....         | .....         | .....         | 3,150,000     |
| China.....               | .....         | 8,336,80      | .....         | 10,636,955    | .....         | .....         |
| Indo-China.....          | .....         | 19,542,72     | .....         | 2,773,428     | .....         | 4,589,800     |
| Tunis.....               | 232           | 347           | 632,500       | 347           | 579,232       | 347           |
| Canada.....              | .....         | 140,000       | .....         | 65,964        | .....         | 217,000       |
| Newfoundland.....        | .....         | 9,000         | .....         | .....         | 606,071       | 39,264        |
| Costa Rica.....          | .....         | .....         | 465,423       | .....         | .....         | .....         |
| Argentina.....           | 952,715       | .....         | .....         | .....         | .....         | .....         |
| Bolivia.....             | .....         | 1,508,087     | .....         | .....         | .....         | 1,348,094     |
| Peru.....                | .....         | 2,704,831     | .....         | 449,807       | 195,161       | 120,000       |
| Colombia.....            | .....         | .....         | .....         | 532,450       | .....         | .....         |
| Ecuador.....             | .....         | 169,792       | .....         | 628,687       | .....         | .....         |
| Chile.....               | 5,424,686     | 677,877       | 49            | .....         | .....         | .....         |
| San Domingo.....         | .....         | .....         | .....         | 606,071       | .....         | 1,415,102     |
| Porto Rico.....          | .....         | 167,240       | .....         | .....         | .....         | .....         |
| German East Africa.....  | .....         | .....         | .....         | .....         | .....         | 174,900       |
| Straits Settlements..... | .....         | 453,554       | .....         | .....         | .....         | 452,000       |
| Congo State.....         | .....         | 193,000       | .....         | .....         | .....         | .....         |
| Morocco.....             | .....         | 598,655       | .....         | 873,509       | .....         | 606,918       |
| Siam.....                | .....         | 3,322,752     | .....         | .....         | 302           | 5,339,622     |
| Persia.....              | .....         | .....         | .....         | .....         | 85,200        | 5,964,000     |
| Belgium.....             | .....         | .....         | .....         | 127,440       | 112           | 96,600        |
| All other.....           | 886,000       | 205,000       | .....         | .....         | .....         | 8,742         |
| Total.....               | \$195,999,517 | \$123,404,310 | \$437,719,345 | \$142,380,583 | \$395,477,905 | \$149,282,935 |

\* Rupee calculated at coining rate, \$0.4737. † Silver ruble calculated at coining rate, \$0.7118. ‡ Ruble calculated at coining rate, \$0.514555, akase January 3, 1897. § Florin calculated at coining rate, \$0.4052, under the Coinage act of August 2, 1892.

PRECIOUS METALS CONSUMED IN THE ARTS IN 1898.

| COUNTRIES.   | GOLD.  |             |         | SILVER.     |                |                  | COUNTRIES.     | GOLD.  |                |                  | SILVER.     |                |                  |
|--------------|--------|-------------|---------|-------------|----------------|------------------|----------------|--------|----------------|------------------|-------------|----------------|------------------|
|              | Kilos. | Value.      |         | Kilos.      | Coining Value. | Commerc'l Value. |                | Kilos. | Coining Value. | Commerc'l Value. | Kilos.      | Coining Value. | Commerc'l Value. |
| Aust. Hung.  | 4,173  | \$2,773,380 | 62,313  | \$2,590,950 | \$1,182,300    | .....            | Paraguay..     | 3      | \$1,990        | 100              | \$4,160     | \$1,900        |                  |
| Belgium..... | 2,543  | 1,690,080   | 20,000  | 831,200     | 379,300        | .....            | Portugal....   | 955    | 634,690        | 5,600            | 232,730     | 106,200        |                  |
| Brazil.....  | 750    | 498,450     | .....   | .....       | .....          | .....            | Russia.....    | 4,087  | 2,716,220      | 95,000           | 8,943,200   | 1,801,700      |                  |
| Egypt.....   | 1,077  | 715,770     | 5,034   | 209,210     | 95,500         | .....            | Sweden.....    | 441    | 298,050        | 3,264            | 138,650     | 61,900         |                  |
| England..... | 21,080 | 14,009,770  | 194,600 | 8,087,570   | 3,690,600      | .....            | Switzerland..  | 6,000  | 3,987,600      | 55,000           | 2,385,800   | 1,043,100      |                  |
| France.....  | 13,240 | 12,122,300  | 156,550 | 6,477,130   | 2,955,700      | .....            | U.S.....       | 17,155 | 11,400,900     | 338,432          | 9,309,200   | 4,631,900      |                  |
| Germany..... | 13,743 | 7,133,800   | 150,000 | 6,254,000   | 2,844,700      | .....            | All other..... | 5,000  | 3,323,000      | 50,000           | 2,078,000   | 948,200        |                  |
| Italy.....   | 5,000  | 3,325,000   | 21,000  | 872,760     | 398,300        | .....            | Total.....     | 97,804 | \$5,000,220    | 1,065,289        | \$4,273,400 | \$20,203,200   |                  |
| Netherlands. | 557    | 370,180     | 9,466   | 376,780     | 171,900        | .....            |                |        |                |                  |             |                |                  |

REDEMPTION OF UNITED STATES NOTES IN GOLD

The total redemptions of notes in gold and the exports of that metal during each fiscal year since the resumption of specie payments have been as follows:

| FISCAL YEAR. | United States Notes. | Treasury Notes of 1890. | Total.      | Exports of Gold. | FISCAL YEAR. | United States Notes. | Treasury Notes of 1890. | Total.        | Exports of Gold. |
|--------------|----------------------|-------------------------|-------------|------------------|--------------|----------------------|-------------------------|---------------|------------------|
| 1879         | \$7,976,698          | .....                   | \$7,976,698 | \$4,537,614      | 1891...      | \$5,986,070          | .....                   | \$5,986,070   | \$86,362,654     |
| 1880         | 3,780,638            | .....                   | 3,780,638   | 3,639,025        | 1892...      | 5,362,243            | \$3,773,600             | 9,125,843     | 50,196,327       |
| 1881         | 271,750              | .....                   | 271,750     | 2,565,132        | 1893...      | 55,319,125           | 46,781,220              | 102,100,345   | 108,800,844      |
| 1882...      | 40,000               | .....                   | 40,000      | 32,587,880       | 1894...      | 68,242,408           | 16,599,742              | 84,842,150    | 76,978,061       |
| 1883...      | 75,000               | .....                   | 75,000      | 11,600,888       | 1895...      | 109,783,800          | 7,570,398               | 117,354,198   | 113,131,183      |
| 1884...      | 590,000              | .....                   | 590,000     | 41,081,957       | 1896...      | 153,307,551          | 5,343,395               | 158,650,946   | 66,409,947       |
| 1885...      | 2,222,000            | .....                   | 2,222,000   | 8,477,822        | 1897...      | 66,373,923           | 9,828,991               | 76,202,914    | 40,412,151       |
| 1886...      | 6,863,699            | .....                   | 6,863,699   | 42,565,191       | 1898...      | 22,301,710           | 2,696,253               | 24,997,963    | 15,408,391       |
| 1887...      | 4,224,073            | .....                   | 4,224,073   | 9,701,187        | 1899...      | 18,645,015           | 6,997,250               | 25,642,265    | 37,507,771       |
| 1888...      | 692,596              | .....                   | 692,596     | 18,376,234       | Total        | \$635,509,868        | \$99,595,846            | \$735,105,697 | \$811,375,902    |
| 1889...      | 730,143              | .....                   | 730,143     | 59,952,285       |              |                      |                         |               |                  |
| 1890...      | 732,385              | .....                   | 732,385     | 17,274,491       |              |                      |                         |               |                  |

## Banking Statistics.

THE NATIONAL BANKS OF THE UNITED STATES.  
(From the annual report of the Comptroller of the Currency.)

| Year Ending Sept. 1. | No. of Banks. | Capital.      | Surplus.         | Total Dividends. | Total Net Earnings. | Ratio of Dividends to Capital. | Ratio of Dividends to Capital and Surplus. | Ratio of Earnings to Capital and Surplus. |
|----------------------|---------------|---------------|------------------|------------------|---------------------|--------------------------------|--|---|
| 1875.                | 2,047         | \$497,864,833 | \$134,123,649.00 | \$49,068,601.00  | \$57,936,224.00     | 9.89                           | 7.81                                       | 9.22                                      |
| 1880.                | 2,072         | 454,215,062   | 120,145,649.00   | 36,111,473.00    | 45,186,034.00       | 8.02                           | 6.35                                       | 7.88                                      |
| 1882.                | 2,197         | 473,947,715   | 130,570,931.00   | 40,791,928.00    | 53,321,234.00       | 8.73                           | 6.81                                       | 8.88                                      |
| 1883.                | 2,350         | 494,640,140   | 141,232,187.00   | 40,678,678.00    | 54,007,148.00       | 8.30                           | 6.50                                       | 8.00                                      |
| 1884.                | 2,582         | 518,605,725   | 147,721,475.00   | 41,254,473.00    | 52,362,788.00       | 8.00                           | 6.20                                       | 8.00                                      |
| 1885.                | 2,665         | 524,599,602   | 146,903,495.00   | 40,656,121.00    | 43,625,497.00       | 7.90                           | 6.00                                       | 6.50                                      |
| 1886.                | 2,784         | 532,459,921   | 155,030,884.00   | 42,412,803.00    | 55,165,385.00       | 7.86                           | 6.17                                       | 8.02                                      |
| 1887.                | 3,049         | 578,462,765   | 173,913,440.97   | 44,152,407.92    | 64,506,869.67       | 7.98                           | 6.12                                       | 8.95                                      |
| 1888.                | 3,093         | 583,539,145   | 184,416,990.92   | 46,531,657.89    | 65,360,486.73       | 8.02                           | 6.10                                       | 8.57                                      |
| 1889.                | 3,170         | 596,302,518   | 194,818,192.19   | 46,618,060.27    | 69,618,265.07       | 7.82                           | 5.89                                       | 8.65                                      |
| 1890.                | 3,353         | 625,089,645   | 208,707,786.00   | 51,158,883.33    | 72,055,563.52       | 8.19                           | 6.14                                       | 8.60                                      |
| 1891.                | 3,577         | 660,108,261   | 222,766,668.00   | 50,795,011.00    | 75,763,614.00       | 7.42                           | 5.76                                       | 8.60                                      |
| 1892.                | 3,701         | 679,076,650   | 237,761,865.23   | 50,400,713.93    | 66,658,015.27       | 7.72                           | 5.50                                       | 7.27                                      |
| 1893.                | 3,759         | 684,342,024   | 246,918,673.11   | 49,633,195.99    | 68,750,952.09       | 7.25                           | 5.33                                       | 7.38                                      |
| 1894.                | 3,755         | 672,951,450   | 246,001,328.00   | 45,333,270.00    | 41,955,248.00       | 6.07                           | 4.09                                       | 4.03                                      |
| 1895.                | 3,716         | 660,287,065   | 247,466,002.00   | 45,969,663.00    | 46,866,557.00       | 6.96                           | 5.06                                       | 5.13                                      |
| 1896.                | 3,682         | 652,725,750   | 248,235,323.00   | 45,525,947.00    | 49,742,318.00       | 6.97                           | 5.05                                       | 5.32                                      |
| 1897.                | 3,620         | 638,173,895   | 249,044,948.00   | 42,394,241.00    | 44,273,314.00       | 6.64                           | 4.78                                       | 4.99                                      |
| 1898.                | 3,581         | 615,813,725   | 241,281,879.00   | 44,291,971.00    | 50,032,972.00       | 7.17                           | 5.15                                       | 5.82                                      |
| 1899.                | 3,561         | 608,674,895   | 247,930,970.00   | 46,691,502.00    | 54,346,692.00       | 7.67                           | 5.45                                       | 6.34                                      |

## AVERAGE DAILY RECEIPTS OF NATIONAL BANKS.

The following table shows the number of banks, their total receipts, and the percentage of checks of such total, in twenty-three principal cities and elsewhere, on a given day in 1892 (September 15):

| CITIES.           | No. of Banks. | Receipts.     | Percentage of Checks, etc. | CITIES.              | No. of Banks. | Receipts.     | Percentage of Checks, etc. |
|-------------------|---------------|---------------|----------------------------|----------------------|---------------|---------------|----------------------------|
| New York.....     | 48            | \$130,976,963 | 92.36                      | Kansas City.....     | 9             | \$4,168,021   | 93.46                      |
| Chicago.....      | 21            | 25,073,114    | 94.52                      | St. Joseph.....      | 4             | 610,775       | 91.63                      |
| St. Louis.....    | 8             | 2,390,070     | 87.83                      | Omaha.....           | 9             | 3,190,258     | 95.76                      |
| Boston.....       | 55            | 27,339,245    | 93.11                      | Brooklyn.....        | 4             | 1,124,730     | 81.55                      |
| Albany.....       | 6             | 1,175,466     | 95.33                      | St. Paul.....        | 5             | 2,382,940     | 97.00                      |
| Philadelphia..... | 41            | 23,369,882    | 93.92                      | Minneapolis.....     | 7             | 2,195,787     | 96.60                      |
| Pittsburgh.....   | 26            | 4,102,424     | 90.02                      | San Francisco.....   | 2             | 510,393       | 83.39                      |
| Baltimore.....    | 22            | 4,836,972     | 82.46                      | Des Moines.....      | 3             | 333,440       | 88.40                      |
| Washington.....   | 12            | 940,470       | 66.65                      |                      |               |               |                            |
| New Orleans.....  | 9             | 1,498,735     | 87.16                      | Total.....           | 281           | \$116,514,324 | 92.74                      |
| Louisville.....   | 9             | 950,421       | 91.86                      |                      |               |               |                            |
| Cincinnati.....   | 12            | 6,137,507     | 94.64                      | Total all cities...  | 329           | \$247,491,287 | 92.54                      |
| Cleveland.....    | 8             | 1,835,908     | 92.79                      | Banks elsewhere..... | 3,144         | 83,713,926    | 84.91                      |
| Detroit.....      | 6             | 1,658,194     | 91.82                      | Total U. S.....      | 3,473         | \$331,205,213 | 90.61                      |
| Milwaukee.....    | 3             | 684,552       | 90.93                      |                      |               |               |                            |

## UNITED STATES CURRENCY CIRCULATION.

| FISCAL YEAR. | Amount in Circulation. | Circulation per Capita. | FISCAL YEAR. | Amount in Circulation. | Circulation per Capita. | FISCAL YEAR. | Amount in Circulation. | Circulation per Capita. |
|--------------|------------------------|-------------------------|--------------|------------------------|-------------------------|--------------|------------------------|-------------------------|
| 1860.....    | \$435,407,252          | \$13.85                 | 1880.....    | \$973,382,228          | \$19.41                 | 1891.....    | \$1,497,440,707        | \$23.41                 |
| 1865.....    | 714,702,995            | 20.57                   | 1881.....    | 1,114,238,419          | 21.71                   | 1892.....    | 1,601,347,187          | 24.44                   |
| 1870.....    | 675,212,794            | 17.50                   | 1882.....    | 1,174,290,419          | 22.37                   | 1893.....    | 1,596,701,245          | 23.85                   |
| 1872.....    | 738,309,549            | 18.19                   | 1883.....    | 1,230,305,696          | 22.91                   | 1894.....    | 1,660,808,708          | 24.28                   |
| 1873.....    | 751,881,809            | 18.04                   | 1884.....    | 1,243,925,969          | 22.65                   | 1895.....    | 1,601,968,473          | 22.93                   |
| 1874.....    | 776,083,031            | 18.13                   | 1885.....    | 1,292,568,615          | 23.02                   | 1896.....    | 1,506,631,026          | 21.10                   |
| 1875.....    | 754,101,947            | 18.16                   | 1886.....    | 1,252,700,525          | 21.82                   | 1897.....    | 1,640,808,946          | 22.49                   |
| 1876.....    | 727,609,338            | 16.12                   | 1887.....    | 1,317,539,143          | 22.45                   | 1898.....    | 1,837,859,895          | 24.66                   |
| 1877.....    | 722,314,883            | 15.58                   | 1888.....    | 1,372,170,870          | 22.88                   | 1899.....    | 1,904,071,881          | 25.00                   |
| 1878.....    | 729,132,634            | 15.32                   | 1889.....    | 1,380,361,649          | 22.52                   |              |                        |                         |
| 1879.....    | 818,631,793            | 16.75                   | 1890.....    | 1,429,251,270          | 22.82                   |              |                        |                         |

STATEMENT SHOWING THE AMOUNTS OF GOLD AND SILVER COINS AND CERTIFICATES, UNITED STATES NOTES, AND NATIONAL BANK NOTES IN CIRCULATION OCTOBER 1, 1899.

|   | General Stock Coined or Issued. | In Treasury.  | Amount in Circulation Oct. 1, 1899. | Amount in Circulation Oct. 1, 1888. |
|---|---------------------------------|---------------|-------------------------------------|-------------------------------------|
| Gold Coin.....                          | \$807,833,173                   | \$221,271,988 | \$646,561,185                       | \$622,649,812                       |
| Standard Silver Dollars.....            | 482,122,376                     | 413,367,133   | 68,755,243                          | 60,788,828                          |
| Subsidiary Silver.....                  | 76,523,333                      | 2,477,571     | 74,045,762                          | 66,587,940                          |
| Gold Certificates.....                  | 135,501,119                     | 36,827,560    | 98,673,559                          | 35,393,909                          |
| Silver Certificates.....                | 405,197,504                     | 5,043,623     | 400,153,881                         | 393,425,735                         |
| Treasury Notes, Act July 14, 1890.....  | 91,167,280                      | 1,210,105     | 89,957,175                          | 66,704,236                          |
| United States Notes.....                | 346,681,016                     | 31,726,416    | 314,954,600                         | 291,660,163                         |
| Currency Certificates, Act June 8, 1872 | 16,100,000                      | 230,000       | 15,870,000                          | 17,635,000                          |
| National Bank Notes.....                | 243,372,223                     | 3,640,442     | 239,731,781                         | 231,750,720                         |
| Totals.....                             | \$2,664,498,024                 | \$715,794,838 | \$1,948,703,186                     | \$1,816,596,392                     |

Population of the United States October 1, 1899, estimated by the Comptroller of the Currency at 76,561,000; circulation per capita, \$25.45.

BANKING STATISTICS—Continued.

BANKING STATISTICS OF EUROPE.

| COUNTRIES.         | Issue.          | Gold.           | Silver.       | Total.          | Ratio of Bullion. | Capital.        |
|--------------------|-----------------|-----------------|---------------|-----------------|-------------------|-----------------|
| Great Britain..... | \$209,000,000   | \$201,000,000   | \$6,000,000   | \$207,000,000   | 99                | \$1,420,000,000 |
| France.....        | 766,500,000     | 372,500,000     | 243,500,000   | 618,000,000     | 82                | 700,000,000     |
| Germany.....       | 304,000,000     | 182,500,000     | 82,000,000    | 294,500,000     | 87                | 425,000,000     |
| Russia.....        | 474,000,000     | 604,500,000     | 29,000,000    | 627,500,000     | 136               | 210,000,000     |
| Austria.....       | 306,000,000     | 154,000,000     | 52,500,000    | 206,500,000     | 80                | 235,000,000     |
| Italy.....         | 208,000,000     | 80,000,000      | 13,500,000    | 92,500,000      | 44                | 125,000,000     |
| Spain.....         | 251,000,000     | 48,000,000      | 54,500,000    | 102,500,000     | 41                | 105,000,000     |
| Portugal.....      | 71,500,000      | 5,500,000       | 9,500,000     | 15,000,000      | 21                | 30,000,000      |
| Sweden.....        | 35,500,000      | 10,500,000      | 4,000,000     | 14,500,000      | 40                | 45,000,000      |
| Norway.....        | 15,500,000      | 9,000,000       | .....         | 9,000,000       | 58                | 25,000,000      |
| Denmark.....       | 22,000,000      | 15,000,000      | .....         | 15,000,000      | 68                | 10,000,000      |
| Netherlands.....   | 83,500,000      | 14,000,000      | 35,000,000    | 49,000,000      | 58                | 70,000,000      |
| Belgium.....       | 95,000,000      | 18,000,000      | 3,000,000     | 21,000,000      | 22                | 55,000,000      |
| Switzerland.....   | 40,000,000      | 18,500,000      | 1,500,000     | 20,000,000      | 50                | 30,000,000      |
| Greece.....        | 27,000,000      | 500,000         | .....         | 500,000         | 63                | .....           |
| Romania.....       | 28,500,000      | 11,000,000      | 1,000,000     | 12,000,000      | 42                | .....           |
| Servia.....        | 4,500,000       | 1,000,000       | 1,500,000     | 2,500,000       | 56                | .....           |
| Bulgaria.....      | 500,000         | 1,000,000       | 1,000,000     | 2,000,000       | 400               | .....           |
| Total.....         | \$2,878,000,000 | \$1,746,500,000 | \$530,500,000 | \$2,277,000,000 | 79                | \$3,475,000,000 |

These approximations are by Mulhall, and are for March, 1896, except the statement of capital, which is for 1890.

TRANSACTIONS OF THE NEW YORK CLEARING-HOUSE.

(For fiscal years ending September 30.)

| YEAR.     | No. of Banks | Capital.     | Clearings.       | Balances Paid in Money. | Average Daily Clearings. | Average Daily Balances Paid in Money. | Balances to Clearings |
|-----------|--------------|--------------|------------------|-------------------------|--------------------------|---------------------------------------|-----------------------|
| 1881..... | 60           | \$61,162,700 | \$48,565,818,212 | \$1,776,018,162         | \$159,232,191            | \$5,823,010                           | 3.5                   |
| 1882..... | 61           | 60,962,700   | 46,552,846,161   | 1,595,000,245           | 151,637,935              | 5,195,440                             | 3.4                   |
| 1883..... | 63           | 61,162,700   | 40,293,165,258   | 1,568,983,196           | 132,543,307              | 5,161,129                             | 3.9                   |
| 1884..... | 61           | 60,412,700   | 34,092,037,338   | 1,524,930,994           | 111,048,982              | 4,967,202                             | 4.5                   |
| 1885..... | 64           | 58,612,700   | 25,250,791,440   | 1,295,355,252           | 82,789,480               | 4,247,069                             | 5.1                   |
| 1886..... | 63           | 59,312,700   | 33,374,682,216   | 1,519,565,385           | 109,067,589              | 4,965,900                             | 4.5                   |
| 1887..... | 64           | 60,862,700   | 34,872,848,786   | 1,569,626,325           | 114,337,209              | 5,146,316                             | 4.5                   |
| 1888..... | 63           | 60,762,700   | 30,863,686,609   | 1,570,198,528           | 101,192,415              | 5,148,192                             | 5.1                   |
| 1889..... | 63           | 60,762,700   | 34,796,465,529   | 1,757,637,473           | 114,839,820              | 5,800,784                             | 5.0                   |
| 1890..... | 64           | 60,812,700   | 37,660,686,572   | 1,753,040,145           | 123,074,139              | 5,728,889                             | 4.7                   |
| 1891..... | 63           | 60,772,700   | 34,053,698,770   | 1,584,635,500           | 111,651,471              | 5,195,526                             | 4.6                   |
| 1892..... | 64           | 60,422,700   | 36,279,905,236   | 1,861,500,575           | 118,561,782              | 6,083,335                             | 5.1                   |
| 1893..... | 64           | 60,922,700   | 34,421,380,870   | 1,696,207,176           | 113,978,082              | 5,616,580                             | 4.9                   |
| 1894..... | 65           | 61,622,700   | 24,230,145,368   | 1,585,241,634           | 79,704,426               | 5,254,611                             | 6.5                   |
| 1895..... | 66           | 62,622,700   | 28,264,379,126   | 1,896,574,349           | 92,670,095               | 6,218,276                             | 6.7                   |
| 1896..... | 65           | 60,622,700   | 29,350,894,884   | 1,843,289,239           | 96,232,442               | 6,043,571                             | 6.2                   |
| 1897..... | 65           | 59,022,700   | 31,337,760,948   | 1,908,901,898           | 10,434,954               | 6,300,006                             | 6.0                   |
| 1898..... | 64           | 58,272,700   | 39,853,413,948   | 2,338,529,016           | 131,529,419              | 7,717,918                             | 5.87                  |
| 1899..... | 64           | 58,922,700   | 57,368,230,771   | 3,085,971,370           | 189,961,029              | 10,218,448                            | 5.37                  |

EXCHANGES OF CLEARING-HOUSES OF UNITED STATES CITIES.

EXCHANGES FOR YEARS ENDED SEPTEMBER 30—

| CLEARING-HOUSE AT— | 1899.            | 1898.            | 1897.            | 1896.            | 1895.            |
|--------------------|------------------|------------------|------------------|------------------|------------------|
| New York.....      | \$57,368,230,771 | \$39,853,413,948 | \$31,337,760,948 | \$29,350,894,884 | \$28,264,379,126 |
| Boston.....        | 6,784,183,977    | 5,254,282,134    | 4,952,927,911    | 4,554,116,109    | 4,629,303,920    |
| Chicago.....       | 6,368,946,314    | 5,351,600,239    | 4,318,121,413    | 4,538,505,883    | 4,541,435,624    |
| Philadelphia.....  | 4,575,299,372    | 3,685,831,027    | 3,106,510,779    | 3,383,903,806    | 3,395,864,543    |
| St. Louis.....     | 1,608,007,344    | 1,423,195,100    | 1,293,701,962    | 1,182,015,146    | 1,218,425,682    |
| San Francisco..... | 914,851,684      | 811,987,041      | 717,181,089      | 692,806,487      | 671,892,105      |
| Baltimore.....     | 1,276,120,171    | 888,166,431      | 763,189,980      | 718,899,600      | 685,004,866      |
| Pittsburgh.....    | 1,353,022,951    | 941,681,039      | 781,493,826      | 773,459,833      | 711,773,043      |
| Cincinnati.....    | 709,519,900      | 649,286,750      | 607,622,450      | 603,546,200      | 653,228,500      |
| Kansas City.....   | 622,485,593      | 165,437,200      | 531,321,555      | 509,330,339      | 507,805,333      |
| New Orleans.....   | 442,659,109      | 445,082,489      | 420,182,085      | 327,544,213      | 451,679,488      |
| Minneapolis.....   | 517,797,428      | 463,010,490      | 388,603,538      | 395,656,444      | 337,201,924      |
| Detroit.....       | 398,644,554      | 341,644,496      | 292,865,813      | 310,508,887      | 338,343,355      |
| Louisville.....    | 391,115,296      | 341,259,026      | 310,805,180      | 210,717,067      | 309,894,324      |
| Other cities.....  | 5,578,777,312    | 5,308,943,359    | 4,207,965,066    | 4,425,894,007    | 4,395,360,095    |
| Total.....         | \$88,909,661,776 | \$65,924,820,769 | \$54,030,253,605 | \$51,922,299,114 | \$51,111,591,928 |

These Clearing-House returns were prepared for THE WORLD ALMANAC by the manager of the New York Clearing-House.

ESTIMATE OF THE AMOUNT OF UNITED STATES PAPER MONEY THAT WILL NEVER BE PRESENTED FOR REDEMPTION.

| KIND.                                | Total Issued, Including Reissues. | Amount Outstanding. | Estimated Loss. |
|--------------------------------------|-----------------------------------|---------------------|-----------------|
| United States notes.....             | \$2,554,525,808                   | \$346,681,016       | \$5,488,900     |
| Treasury notes of 1890.....          | 371,078,000                       | 114,857,890         | 55,770          |
| Gold certificates.....               | 1,606,029,300                     | 38,752,169          | 207,600         |
| Silver certificates.....             | 1,426,790,000                     | 375,479,594         | 711,800         |
| Currency certificates.....           | 1,380,350,000                     | 62,340,000          | .....           |
| Summary of United States Issues..... | \$7,538,675,108                   | \$938,149,969       | \$6,464,000     |
| National bank notes.....             | 2,064,079,225                     | 280,016,225         | 6,581,300       |
| Total.....                           | \$9,602,757,333                   | \$1,168,166,194     | \$13,046,300    |

This estimate was made by the Secretary of the Treasury, April 18, 1898.

## Statistics of Savings Banks.

NUMBER OF DEPOSITORS, AMOUNT OF DEPOSITS, AND AVERAGE TO EACH DEPOSITOR, 1898-99.

| STATES AND TERRITORIES. | Number of Depositors. | Amount of Deposits. | Average to Each Depositor. | STATES AND TERRITORIES. | Number of Depositors. | Amount of Deposits. | Average to Each Depositor. |
|-------------------------|-----------------------|---------------------|----------------------------|-------------------------|-----------------------|---------------------|----------------------------|
| Maine.....              | 173,309               | \$62,583,435        | \$360.69                   | Louisiana.....          | 10,094                | \$3,105,461         | \$307.65                   |
| N. Hampshire.....       | 133,174               | 62,131,879          | 391.45                     | Texas.....              | .....                 | 5,323,607           | .....                      |
| Vermont.....            | 113,369               | 56,526,750          | 322.19                     | Tennessee.....          | 17,678                | 2,023,686           | 114.47                     |
| Massachusetts.....      | a 1,465,960           | 509,215,854         | 347.36                     | S'thern States          | 43,068                | \$8,713,884         | \$202.32                   |
| Rhode Island.....       | 140,815               | 70,589,065          | 501.29                     | Ohio.....               | 89,762                | 38,050,942          | 423.91                     |
| Connecticut.....        | 375,810               | 163,482,499         | 435.01                     | Indiana.....            | 20,191                | 6,323,607           | 263.66                     |
| N. Eng. States          | 2,402,637             | \$894,529,482       | \$372.31                   | Illinois.....           | 164,216               | b 50,898,655        | 309.95                     |
| New York.....           | 1,865,653             | 816,144,368         | 437.45                     | Wisconsin.....          | 2,350                 | 405,196             | 172.42                     |
| New Jersey.....         | a 189,674             | 52,120,644          | 274.79                     | Minnesota.....          | 46,000                | 10,864,228          | 236.18                     |
| Pennsylvania.....       | 334,178               | 97,404,243          | 291.47                     | Iowa.....               | a 132,986             | 48,147,861          | 362.05                     |
| Delaware.....           | 15,641                | 4,512,769           | 288.52                     | West'n States           | 455,505               | \$153,690,489       | \$337.41                   |
| Maryland.....           | 166,337               | 55,564,940          | 334.05                     | California.....         | c 209,908             | 145,943,163         | 637.75                     |
| Dis. of Columbia.....   | .....                 | .....               | .....                      | Utah.....               | 5,217                 | 1,742,972           | 334.00                     |
| Middle States.          | 2,571,483             | \$1,025,746,964     | \$398.89                   | Pacific States.         | 215,125               | \$147,686,135       | \$636.51                   |
| West Virginia.....      | 4,127                 | 324,081             | 78.53                      | United States.          | 5,687,818             | \$2,230,366,954     | \$392.13                   |
| North Carolina.....     | 7,604                 | 1,218,319           | 160.22                     |                         |                       |                     |                            |
| South Carolina.....     | a 3,565               | 2,042,337           | 572.89                     |                         |                       |                     |                            |

a Partially estimated. b Savings deposits in State institutions having savings departments—abstract of report included with State banks. c December 31, 1898.

No returns for 1898-99 from the following States and returns for previous years are given: Alabama, 1893-94, depositors, 2,500; amount of deposits, \$102,347. Florida, 1894-95, depositors, 1,148; amount of deposits, \$205,710. New Mexico, 1894-95, depositors, 217; amount of deposits, \$37,951. Washington, 1894-95, depositors, 5,512; amount of deposits, \$1,148,104. Oregon, 1895-96, depositors, 1,631; amount of deposits, \$972,298. Georgia, 1896-97, depositors, 5,384; amount of deposits, \$288,010.

SAVINGS BANKS, DEPOSITORS, AND DEPOSITS IN THE UNITED STATES EVERY TEN YEARS FROM 1820 TO 1890 AND ANNUALLY SINCE.

| YEAR.     | Number of Banks. | Number of Depositors. | Deposits.     | YEAR.     | Number of Banks. | Number of Depositors. | Deposits.       |
|-----------|------------------|-----------------------|---------------|-----------|------------------|-----------------------|-----------------|
| 1820..... | 10               | 8,635                 | \$1,138,570   | 1892....  | 1,059            | 4,781,605             | \$1,712,769,026 |
| 1830..... | 36               | 38,085                | 6,973,304     | 1893....  | 1,030            | 4,830,599             | 1,785,150,957   |
| 1840..... | 61               | 78,701                | 14,051,520    | 1894....  | 1,024            | 4,777,687             | 1,747,961,280   |
| 1850..... | 108              | 251,554               | 43,431,130    | 1895..... | 1,017            | 4,875,519             | 1,810,597,023   |
| 1860..... | 278              | 693,870               | 149,277,504   | 1896....  | 988              | 5,065,494             | 1,907,156,277   |
| 1870..... | 517              | 1,630,846             | 549,874,358   | 1897..... | 980              | 5,201,132             | 1,939,376,035   |
| 1880..... | 629              | 2,335,582             | 819,106,973   | 1898....  | 979              | 5,385,746             | 2,065,631,298   |
| 1890..... | 921              | 4,258,893             | 1,524,844,506 | 1899....  | 942              | 5,687,818             | 2,230,366,954   |
| 1891....  | 1,011            | 4,533,217             | 1,623,079,749 |           |                  |                       |                 |

The above and following tables were compiled from the report of the Comptroller of the Currency.

NUMBER OF DEPOSITORS AND AMOUNT OF DEPOSITS IN EUROPEAN COUNTRIES.

| COUNTRIES.       | Number of Depositors. | Amount of Deposits. | Average Deposit. | COUNTRIES.          | Number of Depositors. | Amount of Deposits. | Average Deposit. |
|------------------|-----------------------|---------------------|------------------|---------------------|-----------------------|---------------------|------------------|
| Austria.....     | 3,924,902             | \$658,921,560       | \$167.88         | Switzerland.....    | 1,196,590             | \$178,792,290       | \$149.42         |
| Hungary.....     | 995,397               | 226,151,760         | 227.19           | United Kingdom..... | 7,969,826             | 815,686,750         | 102.35           |
| Bavaria.....     | 665,943               | 57,638,605          | 86.55            | Australasia.....    | 894,879               | 130,455,880         | 145.51           |
| Belgium.....     | 1,145,408             | 113,500,080         | 99.09            | Canada.....         | 175,500               | 57,578,975          | 327.97           |
| Denmark.....     | 999,854               | 165,920,525         | 165.95           | Cape Colony.....    | 50,161                | 8,490,920           | 169.21           |
| France.....      | 8,986,631             | 829,783,735         | 92.32            | India.....          | 653,892               | 28,413,450          | 43.60            |
| Italy.....       | 4,137,908             | 331,330,100         | 80.07            | Natal.....          | 6,965                 | 861,520             | 123.01           |
| Netherlands..... | 740,024               | 43,073,460          | 58.20            | Newfoundland.....   | 6,401                 | 2,831,420           | 440.71           |
| Norway.....      | 540,053               | 60,533,905          | 112.08           | Crown Colonies..... | 114,491               | 12,275,455          | 107.22           |
| Prussia.....     | 6,256,507             | 989,757,555         | 156.28           |                     |                       |                     |                  |
| Sweden.....      | 1,460,858             | 98,170,720          | 67.20            | Total.....          | 40,921,248            | \$4,593,949,450     | \$144.21         |

The computation of the savings deposits of the world shows that they amount to the enormous sum of nearly seven billions of dollars. The depositors in the savings banks of the world, therefore, would now be capable of advancing the amount of the war indemnity which France paid to Germany after 1870 seven times over. The depositors of the United States alone could cover the amount nearly twice over, and those of France, Prussia, and Great Britain could almost cover it from the deposits of either country alone. The Empire of Austria-Hungary ranks third in the amount of savings deposits and fourth in the amount per capita, but the figures for the two divisions of the Empire are separated in the table. These figures cover the deposits of all savings banks in the countries named—the private and stock savings banks as well as the government banks—but they do not include the great deposits in the commercial banks. The figures are made up by the Bureau of Statistics from material taken from the reports of the Comptroller of the Currency.—*Journal of Commerce*.

The Bankruptcy Law.

EXTRACTS FROM THE UNITED STATES BANKRUPTCY ACT OF JULY 1, 1898.

SEC. 4. WHO MAY BECOME BANKRUPTS. —(a) Any person who owes debts, except a corporation, shall be entitled to the benefits of this act as a voluntary bankrupt.

(b) Any natural person (except a wage-earner or a person engaged chiefly in farming or the tillage of the soil), any unincorporated company, and any corporation engaged principally in manufacturing, trading, printing, publishing, or mercantile pursuits, owing debts to the amount of one thousand dollars or over, may be adjudged an involuntary bankrupt upon default or an impartial trial, and shall be subject to the provisions and entitled to the benefits of this act. Private bankers, but not national banks or banks incorporated under State or Territorial laws, may be adjudged involuntary bankrupts.

SEC. 7. DUTIES OF BANKRUPTS. —(a) The bankrupt shall (1) attend the first meeting of his creditors, if directed by the court or a judge thereof to do so, and the hearing upon his application for a discharge, if filed; (2) comply with all lawful orders of the court; (3) examine the correctness of all proofs of claims filed against his estate; (4) execute and deliver such papers as shall be ordered by the court; (5) execute to his trustee transfers of all his property in foreign countries; (6) immediately inform his trustee of any attempt, by his creditors or other persons, to evade the provisions of this act, coming to his knowledge; (7) in case of any person having to his knowledge proved a false claim against his estate, disclose that fact immediately to his trustee; (8) prepare, make oath to, and file in court within ten days, unless further time is granted, after the adjudication if an involuntary bankrupt, and with the petition if a voluntary bankrupt, a schedule of his property, showing the amount and kind of property, the location thereof, its money value in detail, and a list of his creditors, showing their residences, if known (if unknown that fact to be stated), the amount due each of them, the consideration thereof, the security held by them, if any, and a claim for such exemptions as he may be entitled to, all in triplicate, one copy of each for the clerk, one for the referee, and one for the trustee; and (9) when present at the first meeting of his creditors, and at such other times as the court shall order, submit to an examination concerning the conducting of his business, the cause of his bankruptcy, his dealings with his creditors and other persons, the amount, kind, and whereabouts of his property, and, in addition, all matters which may affect the administration and settlement of his estate; but no testimony given by him shall be offered in evidence against him in any criminal proceedings.

Provided, however, that he shall not be required to attend a meeting of his creditors, or at or for an examination at a place more than one hundred and fifty miles distant from his home or principal place of business, or to examine claims except when presented to him, unless ordered by the court, or a judge thereof, for cause shown, and the bankrupt shall be paid his actual expenses from the estate when examined or required to attend at any place other than the city, town, or village of his residence.

FAILURES IN THE UNITED STATES.

|                                      | NUMBER.*     |               | LIABILITIES.*       |                      | YEARLY FAILURES. |              |                   |
|--------------------------------------|--------------|---------------|---------------------|----------------------|------------------|--------------|-------------------|
|                                      | 1899.        | 1898.         | 1899.               | 1898.                | Year.            | No.          | Liabilities.      |
| <b>MANUFACTURERS.</b>                |              |               |                     |                      | 1857             | 4,932        | \$291,750,000     |
| Iron, foundries, and nails.....      | 19           | 63            | \$1,205,577         | \$1,728,927          | 1858             | 4,225        | 95,749,000        |
| Machinery and tools.....             | 153          | 230           | 2,684,121           | 7,731,876            | 1859             | 3,913        | 64,394,000        |
| Woolens, carpets, and knit goods.    | 29           | 48            | 3,668,760           | 4,090,700            | 1860             | 3,676        | 79,807,000        |
| Cottons, lace, and hosiery.....      | 15           | 26            | 421,909             | 2,011,273            | 1861             | 6,993        | 207,210,000       |
| Lumber, carpenters, and coopers.     | 365          | 342           | 5,277,356           | 6,459,621            | 1862             | 1,652        | 23,049,000        |
| Clothing and millinery.....          | 233          | 246           | 3,505,470           | 2,488,894            | 1863             | 495          | 7,899,900         |
| Hats, gloves, and furs.....          | 29           | 49            | 283,190             | 779,980              | 1864             | 520          | 8,679,000         |
| Chemicals, drugs, and paints.....    | 40           | 67            | 955,557             | 2,706,059            | 1865             | 530          | 17,625,000        |
| Printing and engraving.....          | 143          | 168           | 1,386,752           | 2,380,215            | 1866             | 1,505        | 53,783,000        |
| Milling and bakers.....              | 121          | 142           | 1,396,932           | 1,121,178            | 1867             | 2,780        | 96,666,000        |
| Leather, shoes, and harness.....     | 103          | 134           | 1,658,472           | 3,449,574            | 1868             | 2,608        | 63,694,000        |
| Liquors and tobacco.....             | 91           | 99            | 2,514,632           | 2,251,631            | 1869             | 2,799        | 75,054,054        |
| Glass, earthenware, and bricks.....  | 43           | 72            | 997,959             | 1,383,486            | 1870             | 3,546        | 88,242,000        |
| All other.....                       | 620          | 800           | 7,788,561           | 18,065,413           | 1871             | 2,915        | 85,252,000        |
| <b>Total manufacturing.....</b>      | <b>1,984</b> | <b>2,475</b>  | <b>\$33,713,258</b> | <b>\$56,639,628</b>  | 1872             | 4,069        | 121,056,000       |
|                                      |              |               |                     |                      | 1873             | 5,183        | 228,499,900       |
|                                      |              |               |                     |                      | 1874             | 5,830        | 155,239,000       |
|                                      |              |               |                     |                      | 1875             | 7,740        | 201,000,000       |
|                                      |              |               |                     |                      | 1876             | 9,092        | 191,117,000       |
|                                      |              |               |                     |                      | 1877             | 8,872        | 190,669,936       |
|                                      |              |               |                     |                      | 1878             | 10,478       | 234,383,132       |
|                                      |              |               |                     |                      | 1879             | 6,658        | 96,149,053        |
|                                      |              |               |                     |                      | 1880             | 4,755        | 65,752,000        |
|                                      |              |               |                     |                      | 1881             | 5,523        | 81,155,932        |
|                                      |              |               |                     |                      | 1882             | 6,738        | 101,647,564       |
|                                      |              |               |                     |                      | 1883             | 9,184        | 172,874,172       |
|                                      |              |               |                     |                      | 1884             | 10,968       | 226,343,427       |
|                                      |              |               |                     |                      | 1885             | 10,637       | 124,220,327       |
|                                      |              |               |                     |                      | 1886             | 9,834        | 114,644,119       |
|                                      |              |               |                     |                      | 1887             | 9,634        | 167,560,944       |
|                                      |              |               |                     |                      | 1888             | 10,679       | 123,929,937       |
|                                      |              |               |                     |                      | 1889             | 10,829       | 148,784,337       |
|                                      |              |               |                     |                      | 1890             | 10,907       | 169,856,964       |
|                                      |              |               |                     |                      | 1891             | 12,373       | 189,868,638       |
|                                      |              |               |                     |                      | 1892             | 10,344       | 114,044,167       |
|                                      |              |               |                     |                      | 1893             | 15,242       | 345,779,889       |
|                                      |              |               |                     |                      | 1894             | 13,835       | 173,982,856       |
|                                      |              |               |                     |                      | 1895             | 13,197       | 173,982,856       |
|                                      |              |               |                     |                      | 1896             | 15,058       | 228,196,060       |
|                                      |              |               |                     |                      | 1897             | 13,851       | 154,332,834       |
|                                      |              |               |                     |                      | 1898             | 12,186       | 130,662,899       |
| <b>Banking.....</b>                  | <b>52</b>    | <b>80</b>     | <b>\$11,755,716</b> | <b>\$18,395,094</b>  | <b>1899*</b>     | <b>9,700</b> | <b>89,142,750</b> |
| <b>Total commercial.....</b>         | <b>9,700</b> | <b>12,669</b> | <b>\$80,292,750</b> | <b>\$130,636,796</b> |                  |              |                   |
| <b>Brokers and transporters.....</b> | <b>316</b>   | <b>306</b>    | <b>9,620,952</b>    | <b>10,376,952</b>    |                  |              |                   |

\*Twelve months, from December 1, preceding year, to November 30. Other years calendar years. These statistics were prepared for THE WORLD ALMANAC by R. G. Dun & Co.

Life Insurance Statistics.

CONDITION OF REGULAR LEVEL PREMIUM COMPANIES JANUARY 1, 1899, AND BUSINESS THE PRECEDING YEAR.\*

| No. of Cos. | Assets.         | Premiums Received. | Total Income. | Payments to Policyholders (Losses, Dividends, Surrenders, etc.) | Total Expenditures. | NEW POLICIES ISSUED. |                 | POLICIES IN FORCE. |                 |
|-------------|-----------------|--------------------|---------------|---|---------------------|----------------------|-----------------|--------------------|-----------------|
|             |                 |                    |               |   |                     | No.                  | Amount.         | No.                | Amount.         |
| 60          | \$1,462,651,318 | \$257,655,158      | \$325,452,134 | \$146,704,582   | \$22,518,788        | 3,587,991            | \$1,481,809,914 | 11,218,330         | \$6,525,037,770 |

CONDITION AND BUSINESS OF ASSESSMENT COMPANIES AND ORDERS.†

| No. of Cos. | Assets.      | Assessments Collected. | Total Income. | Payments to Policyholders | Total Expenditures. | MEMBERSHIP.               |                 | INSURANCE IN FORCE. |  |
|-------------|--------------|------------------------|---------------|---------------------------|---------------------|---------------------------|-----------------|---------------------|--|
|             |              |                        |               |                           |                     | Admitted During the Year. | No. of Members. | Amount.             |  |
| 650         | \$62,577,511 | \$95,932,964           | \$103,831,689 | \$73,030,497              | \$102,315,736       | 978,234                   | 4,039,062       | \$7,799,428,000     |  |

\* Including industrial policies. † According to the report made at the annual meeting of Mutual Benefit Life Associations, at Saratoga Springs, N. Y., June, 1897. It includes the returns of the fraternal orders, and is the latest. There were no returns made since that time, and the assessment business has meanwhile materially declined.

The returns of life insurance in the first and third tables are from "The Insurance Year-Book," published by The Spectator Company.

INCOME AND DISBURSEMENTS FOR TWENTY YEARS.

The following table shows the receipts and disbursements of the "old-line" life insurance companies reporting to the New York Insurance Department for twenty years:

| YEAR ENDING Dec. 31. | No. of Companies. | Total Income. | Total Payments for Losses, Endowments, and Annuities. | Total Payments for Lapsed, Surrendered, and Purchased Policies. | Total Dividends to Policyholders. | Total Payments to Policyholders. | Taxes, Commissions, and other Expenses | Total Disbursements. |
|----------------------|-------------------|---------------|---|---|-----------------------------------|----------------------------------|--|----------------------|
| 1879...              | 34                | \$77,700,403  | \$31,684,522  | \$12,207,823  | \$13,479,613                      | \$57,371,958                     | \$11,208,133                           | \$58,858,363         |
| 1880...              | 34                | 77,403,445    | 30,032,174  | 9,923,026   | 13,171,992                        | 53,127,132                       | 12,851,312                             | 66,317,859           |
| 1881...              | 30                | 79,820,513    | 31,068,144  | 8,497,354   | 12,579,151                        | 52,144,649                       | 13,089,414                             | 65,434,687           |
| 1882...              | 30                | 85,070,134    | 29,826,874  | 9,255,077   | 13,855,105                        | 52,637,056                       | 13,338,768                             | 66,242,344           |
| 1883...              | 29                | 92,562,763    | 33,894,306  | 8,837,857   | 13,417,464                        | 56,149,627                       | 15,286,204                             | 71,743,588           |
| 1884...              | 29                | 96,974,376    | 35,602,544  | 9,503,530   | 13,043,498                        | 58,149,572                       | 18,153,455                             | 76,632,098           |
| 1885...              | 29                | 105,527,895   | 38,624,822  | 9,630,269   | 12,963,660                        | 61,218,751                       | 18,715,297                             | 80,259,549           |
| 1886...              | 29                | 116,961,315   | 38,276,330  | 9,438,379   | 15,212,356                        | 60,928,064                       | 21,066,540                             | 82,319,066           |
| 1887...              | 29                | 130,657,526   | 42,827,054  | 10,413,379  | 14,852,624                        | 68,003,557                       | 25,081,101                             | 93,447,289           |
| 1888...              | 30                | 147,024,431   | 48,569,994  | 11,234,569  | 14,324,827                        | 74,129,360                       | 27,905,878                             | 103,369,145          |
| 1889...              | 30                | 164,184,699   | 53,051,834  | 12,240,142  | 13,951,069                        | 79,273,667                       | 30,848,168                             | 114,508,360          |
| 1890...              | 30                | 187,424,959   | 58,606,615  | 13,827,225  | 14,271,501                        | 86,707,341                       | 39,616,782                             | 126,633,530          |
| 1891...              | 29                | 201,931,425   | 62,731,497  | 16,230,891  | 13,991,235                        | 92,953,614                       | 42,350,372                             | 135,792,048          |
| 1892...              | 31                | 223,024,998   | 73,576,866  | 15,058,759  | 14,396,195                        | 102,821,820                      | 49,665,730                             | 152,890,333          |
| 1893...              | 32                | 236,683,206   | 75,903,820  | 15,839,418  | 14,823,176                        | 110,566,414                      | 59,205,336                             | 168,512,254          |
| 1894...              | 33                | 256,624,478   | 78,313,122  | 16,184,108  | 14,577,465                        | 116,054,725                      | 61,073,545                             | 177,863,353          |
| 1895...              | 35                | 266,897,200   | 84,791,622  | 22,589,493  | 15,297,604                        | 122,978,718                      | 62,032,872                             | 185,772,902          |
| 1896...              | 35                | 279,373,107   | 90,146,204  | 26,368,039  | 17,083,169                        | 134,219,515                      | 64,160,732                             | 199,173,299          |
| 1897...              | 35                | 301,368,179   | 92,688,307  | 26,431,312  | 18,426,197                        | 137,544,815                      | 67,582,025                             | 205,836,394          |
| 1898...              | 35                | 320,306,169   | 98,466,681  | 26,436,307  | 19,694,634                        | 144,566,622                      | 72,667,590                             | 216,063,363          |

Total assets of the 35 companies last reported, \$1,450,555,708, surplus as to policyholders, \$211,156,246.

ASSETS OF AND AMOUNT INSURED BY THE PRINCIPAL AMERICAN COMPANIES JANUARY 1, 1899.

| COMPANIES.                  | Insurance in Force. | Gross Assets. | COMPANIES.                  | Insurance in Force. | Gross Assets. |
|-----------------------------|---------------------|---------------|-----------------------------|---------------------|---------------|
| Equitable, N. Y.            | \$987,157,134       | \$257,790,512 | Massachusetts Mutual        | \$115,678,483       | \$22,035,448  |
| Mutual, N. Y.               | 970,496,975         | 277,573,348   | Bankers' Life, Iowa†        | 114,868,000         | 3,107,158     |
| New York, N. Y.             | 944,021,120         | 215,944,811   | New England Mutual          | 110,281,154         | 28,109,074    |
| Metropolitan, N. Y.*        | 666,210,715         | 43,495,931    | Travelers, Ct.              | 97,352,821          | 20,787,113    |
| Northwestern Mutual, Wis.   | 457,712,738         | 115,493,700   | Provident Savings L., N. Y. | 92,592,137          | 2,708,428     |
| Prudential, N. J.*          | 414,548,837         | 28,887,196    | Hartford Life, Ct.          | 85,774,005          | 2,832,027     |
| Mutual Reserve, N. Y.†      | 269,169,321         | 3,450,720     | National, Vt.               | 80,656,558          | 16,131,263    |
| Mutual Benefit, N. J.       | 244,575,882         | 67,098,746    | Germania, N. Y.             | 76,133,103          | 25,211,910    |
| John Hancock Mut., Mass.*   | 167,138,344         | 12,488,177    | Fidelity Mutual, Pa.        | 75,045,844          | 2,209,790     |
| Penn Mutual, Pa.            | 165,524,302         | 35,503,118    | State Mutual Life, Mass.    | 69,517,218          | 14,735,178    |
| Connecticut Mutual, Ct.     | 158,078,850         | 64,193,295    | Covenant Mutual, Ill.†      | 56,838,000          | 465,852       |
| Ætna, Ct.                   | 157,392,932         | 50,218,937    | Manhattan Life, N. Y.       | 57,166,445          | 15,322,261    |
| Provident Life & Trust, Pa. | 122,735,550         | 37,395,017    | Northwestern Life, Chic.†   | 54,898,400          | 1,141,236     |
| Union Central, Ohio         | 120,573,677         | 20,816,240    | Washington Life, N. Y.      | 52,311,363          | 15,034,951    |

LIFE INSURANCE IN VARIOUS COUNTRIES.:

| COUNTRIES.     | Insurance in Force. | Year's Premiums. | Year's Losses. | COUNTRIES.  | Insurance in Force. | Year's Premiums. | Year's Losses. |
|----------------|---------------------|------------------|----------------|-------------|---------------------|------------------|----------------|
| United States. | \$14,125,648,072    | \$339,290,913    | \$165,718,804  | Austria     | \$370,621,530       | \$14,613,420     | \$4,098,025    |
| Great Britain  | 3,290,621,720       | 126,458,465      | 78,496,735     | Scandinavia | 128,213,755         | 4,365,360        | 1,147,995      |
| Germany        | 1,320,163,685       | 50,313,925       | 16,767,830     | Russia      | 47,925,979          | 1,757,681        | 584,707        |
| France         | 695,231,550         | 40,251,080       | 10,647,060     | Switzerland | 70,390,250          | 3,025,100        | 1,170,225      |

\* Includes industrial business. † Assessment or partial companies. ‡ From most recent reports. § Including assessment business (\$7,799,428,000 insurance in force), on which no part of the future premium is collected in advance.

## Fire Insurance Statistics.

### CONDITION AND TRANSACTIONS OF COMPANIES DOING BUSINESS IN THE UNITED STATES JANUARY 1, 1898.

| NUMBER OF COMPANIES. | Capital.                     | Assets Exclusive of Premium Notes. | Net Surplus.  | Cash Premiums Received during Year. | Total Cash Income during Year. |
|----------------------|------------------------------|------------------------------------|---|-------------------------------------|--------------------------------|
| 321 Stock.....       | \$73,229,136                 | \$400,551,757                      | \$164,102,530   | \$161,730,957                       | \$178,320,217                  |
| 183 Mutual.....      |                              |                                    |   |                                     |                                |
| NUMBER OF COMPANIES. | Paid for Losses during Year. | Paid for Dividends during Year.    | Expenses other than Losses and Dividends during Year. | Total Disbursements during Year.    | Risks Written during Year.     |
| 324 Stock.....       | \$90,051,512                 | \$15,658,862                       | \$58,568,135  | \$165,178,509                       | *\$16,500,000,000              |
| 205 Mutual.....      |                              |                                    |   |                                     |                                |

\* Approximation. These statistics of fire insurance business in the United States are, with the exception of the estimate of risks written during the year, compiled from "The Insurance Year-Book," published by The Spectator Company. They do not include the returns of a few stock companies and some 600 mutuals and town and county mutuals, whose transactions are purely local and individually of small volume.

### CONDITION OF THE PRINCIPAL JOINT-STOCK COMPANIES DOING BUSINESS IN THE UNITED STATES JANUARY 1, 1899.\*

| COMPANIES.              | Gross Assets. | Capital.    | Net Surplus. | COMPANIES.                | Gross Assets. | Capital.  | Net Surplus. |
|-------------------------|---------------|-------------|--------------|---------------------------|---------------|-----------|--------------|
| Ætna, Ct.....           | \$12,627,621  | \$4,000,000 | \$4,868,847  | Northwestern Nat'l, Wis   | \$2,630,394   | \$600,000 | \$756,347    |
| Home, New York.....     | 12,161,165    | 3,000,000   | 4,427,802    | Palatine, England.....    | 2,653,829     | †200,000  | 950,288      |
| Hartford Fire.....      | 11,255,660    | 1,250,000   | 4,458,911    | Milwan. Mechanics', Wis   | 2,599,788     | 200,000   | 1,482,719    |
| Ins. Co. of N. America  | 10,206,489    | 3,000,000   | 2,525,556    | Orient, Ct.....           | 2,584,839     | 500,000   | 614,046      |
| Liverp., London & Globe | 9,708,582     | †2,000,000  | 4,845,916    | Northern, England.....    | 2,565,145     | †200,000  | 1,470,077    |
| Continental, New York   | 9,077,114     | 1,000,000   | 3,479,238    | St. Paul F. & M., Minn.   | 2,523,988     | 500,000   | 784,889      |
| German-American, N. Y   | 8,167,444     | 1,000,000   | 3,922,009    | Fremont's, N. J.....      | 2,411,611     | 1,000,000 | 1,057,715    |
| Royal, England.....     | 7,171,970     | †200,000    | 2,308,575    | Lancashire, England.....  | 2,390,390     | †200,000  | 583,331      |
| Fire Association, Pa.   | 6,430,863     | 500,000     | 1,355,112    | Norwich Union, England    | 2,356,612     | †200,000  | 966,978      |
| Phoenix, New York.....  | 5,816,560     | 1,000,000   | 1,520,709    | Agricultural, N. Y.....   | 2,291,568     | 500,000   | 625,893      |
| Phoenix, Ct.....        | 5,563,232     | 2,000,000   | 1,174,349    | Providence Wash'n, R.I.   | 2,134,728     | 500,000   | 501,693      |
| Pennsylvania Fire.....  | 5,227,336     | 400,000     | 2,297,463    | Traders', Ill.....        | 2,133,943     | 500,000   | 980,162      |
| Springfield F. & M.     | 4,774,658     | 1,500,000   | 1,596,569    | Girard F. & M., Pa.....   | 2,078,169     | 500,000   | 729,668      |
| Germania, N. Y.....     | 4,719,945     | 1,000,000   | 2,093,713    | Caledonian, Scotland..... | 2,060,416     | †200,000  | 881,780      |
| Queen, New York.....    | 4,668,341     | 500,000     | 2,223,975    | Williamsburgh City Fire.  | 1,961,905     | 250,000   | 1,085,798    |
| National, Ct.....       | 4,612,500     | 1,000,000   | 1,529,708    | Buffalo German, N. Y..... | 1,950,560     | 200,000   | 1,439,651    |
| N. British & Mercantile | 4,318,565     | †200,000    | 2,049,616    | Imperial, England.....    | 1,941,056     | †200,000  | 920,973      |
| Scottish Union & Nat'l. | 4,200,127     | †200,000    | 1,986,240    | American Central, Mo.     | 1,861,941     | 600,000   | 486,072      |
| Fireman's Fund, Cal.    | 3,905,976     | †200,000    | 1,361,730    | Manchester, Eng.....      | 1,794,963     | †200,000  | 634,172      |
| Connecticut Fire.....   | 3,780,000     | 1,000,000   | 1,112,546    | London Assurance, Eng.    | 1,716,701     | †200,000  | 850,261      |
| Commercial Union, Eng.  | 3,772,794     | †200,000    | 1,580,877    | Merchants', N. J.....     | 1,700,157     | 400,000   | 400,845      |
| German, Freeport, Ill.  | 3,464,967     | 200,000     | 1,379,725    | Western, Canada.....      | 1,684,871     | †200,000  | 634,207      |
| Glens Falls, N. Y.....  | 3,216,552     | 200,000     | 2,051,355    | Greenwich, N. Y.....      | 1,624,758     | 200,000   | 443,409      |
| Franklin Fire, Pa.....  | 3,188,252     | †200,000    | 1,150,150    | Delaware, Pa.....         | 1,620,273     | 702,875   | 175,727      |
| Phoenix, England.....   | 3,184,605     | 400,000     | 1,357,683    | Hamburg Bremen, Ger.      | 1,600,632     | †200,000  | 707,500      |
| New Hampshire Fire..... | 3,163,850     | 1,000,000   | 946,783      | Spring Garden, Pa.....    | 1,581,104     | 400,000   | 151,757      |
| Hanover, N. Y.....      | 3,076,292     | 1,000,000   | 705,711      | United Firemen's, Pa..... | 1,532,534     | 300,000   | 251,368      |
| American, N. J.....     | 3,069,962     | 600,000     | 1,816,872    | Union Assurance, Eng.     | 1,445,242     | †200,000  | 793,638      |
| London & Lancashire     | 2,876,843     | †200,000    | 1,078,370    | Eagle Fire, New York..... | 1,350,956     | 300,000   | 809,300      |
| Niagara Fire, N. Y..... | 2,788,741     | 500,000     | 771,777      | Rockford, Ill.....        | 1,317,348     | †200,000  | 168,526      |
| Westchester, N. Y.....  | 2,727,143     | 300,000     | 1,134,520    | Detroit F. & M.....       | 1,307,257     | 500,000   | 615,889      |
| Sun, England.....       | 2,724,972     | †200,000    | 1,075,637    | British America, Canada   | 1,271,431     | †200,000  | 617,429      |
| American Fire, Pa.....  | 2,710,728     | 500,000     | 504,733      | American Fire, N. Y.....  | 1,245,769     | 400,000   | 868,728      |

\* Annual statements of the fire insurance companies are rendered to the insurance departments during the month of January; therefore the statistics of condition in 1899 were not ready when this publication went to press.

† The New York law requires a deposit of \$200,000 from foreign companies with the insurance department. This is treated by the department as "deposit capital," and the surplus stated in the next column is "surplus beyond deposit capital" and other liabilities.

### ANNUAL PROPERTY LOSSES IN THE UNITED STATES BY FIRES—1875-98.

| YEARS.    | Aggregate Property Loss. | Aggregate Insurance Loss. | YEARS.              | Aggregate Property Loss. | Aggregate Insurance Loss. |
|-----------|--------------------------|---------------------------|---------------------|--------------------------|---------------------------|
| 1875..... | \$78,102,285             | \$39,325,400              | 1889.....           | \$123,046,833            | \$73,679,465              |
| 1876..... | 64,630,600               | 34,374,500                | 1890.....           | 108,993,792              | 65,015,465                |
| 1877..... | 68,265,800               | 27,398,900                | 1891.....           | 143,764,967              | 90,576,918                |
| 1878..... | 64,315,900               | 36,575,900                | 1892.....           | 151,516,098              | 93,511,936                |
| 1879..... | 77,703,700               | 44,464,700                | 1893.....           | 167,544,370              | 105,994,577               |
| 1880..... | 74,643,400               | 42,525,000                | 1894.....           | 140,006,484              | 89,574,699                |
| 1881..... | 81,280,900               | 44,641,900                | 1895.....           | 142,110,233              | 84,589,080                |
| 1882..... | 84,505,024               | 48,875,131                | 1896.....           | 118,737,420              | 73,903,800                |
| 1883..... | 100,149,228              | 54,808,664                | 1897.....           | 116,354,570              | 66,722,140                |
| 1884..... | 110,008,611              | 60,679,818                | 1898.....           | 130,593,905              | 73,796,080                |
| 1885..... | 102,818,796              | 57,430,789                | 1899.....           | *115,400,000             | *65,000,000               |
| 1886..... | 104,924,750              | 60,506,567                |                     |                          |                           |
| 1887..... | 120,283,055              | 69,659,508                |                     |                          |                           |
| 1888..... | 110,885,665              | 63,965,724                |                     |                          |                           |
|           |                          |                           | Total 25 years..... | \$2,700,586,286          | \$1,577,698,528           |

\* Estimated.

The figures in the last table, from 1875 to 1898, inclusive, are taken from the *Chronicle Fire Tables*.

# The Fleet of Transatlantic Passenger Steamers.

Includes only regular passenger lines from New York. Offices and piers are in Manhattan Borough unless otherwise stated.

| STEAMSHIPS.  | BUILT. |                  | Builders.   | TONNAGE. |                              | HORSE POWER.    |                  | Commander.     | DIMENSIONS IN FEET. |          |        |
|--|--------|------------------|---|----------|------------------------------|-----------------|------------------|----------------|---------------------|----------|--------|
|  | Year.  | Place.           |   | Net.     | Gross.                       | Indi-<br>cated. | Regis-<br>tered. |                | Length.             | Breadth. | Depth. |
| NEW YORK AND GLASGOW, Pier foot W. 21st St.  |        |                  | ALLAN-STATE LINE.<br>(Office, 53 Broadway.)                                   |          | STATE LINE ESTABLISHED 1872. |                 |                  |                |                     |          |        |
| State of Nebraska.....   | 1880   | Glasgow.....     | Lond. & G <sup>l</sup> owCo.,Ld.  | 2580     | 4000                         | ..              | 650              | Perry.....     | 385                 | 43       | 32     |
| Laurentian.....  | 1872   | Glasgow.....     | Lond. & G <sup>l</sup> owCo.,Ld.  | ..       | 4522                         | ..              | ..               | Vipond.....    | 400                 | 42.5     | 35.3   |
| NEW YORK AND SOUTHAMPTON, Pier foot Fulton St., N. R.  |        |                  | AMERICAN LINE.<br>(Office, 73 Broadway.)                                      |          | ESTABLISHED 1829.            |                 |                  |                |                     |          |        |
| St. Louis.....   | 1894   | Philadelphia     | Wm. Cramp & Sons.....   | 5894     | 11629                        | 20000           | ..               | Passow.....    | 535.8               | 63       | 42     |
| St. Paul.....  | 1894   | Philadelphia     | Wm. Cramp & Sons.....   | 5874     | 11629                        | 20000           | ..               | Jamison.....   | 535.8               | 63       | 42     |
| Paris.....   | 1829   | Glasgow.....     | J. & G. Thomson.....  | 6289     | 10795                        | 20000           | 2000             | .....          | 580                 | 63.3     | 42     |
| New York.....  | 1888   | Glasgow.....     | J. & G. Thomson.....  | 6318     | 10303                        | 20000           | 2000             | Roberts.....   | 580                 | 63.3     | 42     |
| NEW YORK AND GLASGOW, Pier foot W. 24th St.  |        |                  | ANCHOR LINE.<br>(Office, 17 Broadway.)  |          | ESTABLISHED 1852.            |                 |                  |                |                     |          |        |
| City of Rome.....  | 1881   | Barrow.....      | Barrow S. B. Co.....  | 3458     | 8144                         | ..              | 1500             | Young.....     | 561                 | 53       | 37     |
| Anchuria.....  | 1874   | Barrow.....      | Barrow S. B. Co.....  | 2713     | 4163                         | ..              | 617              | John Wilson.   | 408                 | 40       | 34     |
| Ethiopia.....  | 1873   | Glasgow.....     | A. Stephen & Son.....   | 3604     | 4000                         | ..              | 720              | Wadsworth.     | 402                 | 43       | 25     |
| Furnessia.....   | 1880   | Barrow.....      | Barrow S. B. Co.....  | 2618     | 5495                         | ..              | 600              | Harris.....    | 445                 | 45       | 35     |
| NEW YORK, QUEENSTOWN, AND LIVERPOOL, Pier foot Clarkson St.                                    |        |                  | CUNARD LINE.<br>(Office, 29 Broadway.)  |          | ESTABLISHED 1840.            |                 |                  |                |                     |          |        |
| Campania.....  | 1892   | Fairfield.....   | Fairfield Co.....   | 5000     | 12950                        | 30000           | *                | Walker.....    | 620                 | 65.3     | 43     |
| Lucania.....   | 1892   | Fairfield.....   | Fairfield Co.....   | 5000     | 12950                        | 30000           | *                | H. McKay.....  | 620                 | 65.3     | 43     |
| Etruria.....   | 1895   | Fairfield.....   | John Elder & Co.....  | 3257     | 7718                         | 14500           | 2500             | Ferguson.....  | 501.6               | 57.2     | 38.2   |
| Umbria.....  | 1884   | Fairfield.....   | John Elder & Co.....  | 3245     | 7718                         | 14500           | 2500             | Dutton.....    | 501.6               | 57.2     | 38.2   |
| Aurania.....   | 1883   | Glasgow.....     | J. & G. Thomson.....  | 4029     | 7268                         | 5500            | 1500             | A. McKay.....  | 470                 | 57.2     | 37.2   |
| Servia.....  | 1881   | Glasgow.....     | J. & G. Thomson.....  | 3971     | 7381                         | 10000           | 1000             | Watt.....      | 515                 | 52.1     | 37     |
| NEW YORK AND HAVRE, Pier foot Morton St.   |        |                  | FRENCH LINE.<br>(Office, 32 Broadway.)  |          | ESTABLISHED 1860.            |                 |                  |                |                     |          |        |
| La Touraine.....   | 1890   | St. Nazaire..... | CieGleTransatlan'que  | ..       | 9778                         | 12000           | ..               | Santelli.....  | 536                 | 55       | 38     |
| La Gascoigne.....  | 1886   | Toulon.....      | Soc. des Forges, etc.   | 4158     | 7416                         | 9000            | ..               | Simon.....     | 508                 | 52       | 33     |
| La Champagne.....  | 1886   | St. Nazaire..... | CieGleTransatlan'que  | 3906     | 7110                         | 9000            | ..               | Fajolle.....   | 503                 | 51       | 38     |
| La Bretagne.....   | 1886   | St. Nazaire..... | CieGleTransatlan'que  | 3889     | 7010                         | 9000            | ..               | Alix.....      | 508                 | 51       | 38     |
| La Normandie.....  | 1882   | Barrow, Eng.     | .....   | 3475     | 6112                         | 6500            | ..               | Poncelet.....  | 459                 | 50       | 34     |
| NEW YORK, PLYMOUTH, CHERBOURG, SOUTHAMPTON, BOULOGNE, AND HAMBURG, Pier foot 1st St., Hoboken. |        |                  | HAMBURG-AMERICAN LINE.<br>(Office, 37 Broadway.)                              |          | ESTABLISHED 1847.            |                 |                  |                |                     |          |        |
| Deutschland.....   | 1900   | Stettin.....     | Vulcan S. B. Co.....  | ..       | 16000                        | 33000           | ..               | Albers.....    | 886                 | 67       | 44     |
| Fürst Bismarck.....  | 1890   | Stettin.....     | Vulcan S. B. Co.....  | ..       | 10000                        | 16400           | 2800             | Barends.....   | 520                 | 58       | 40     |
| Augusta Victoria.....  | 1889   | Stettin.....     | Vulcan S. B. Co.....  | ..       | 10000                        | 13500           | 2500             | Kaempff.....   | 520                 | 56       | 33     |
| Columbia.....  | 1889   | Birkenhead.....  | Laird Bros.....   | ..       | 8000                         | 13500           | ..               | Vogelgesang    | 465                 | 56       | 38     |
| Kaiser Friedrich.....  | 1893   | Dantzic.....     | Schichau S. B. Co.....  | ..       | 12500                        | 17000           | ..               | ..             | 600                 | 64       | 44     |
| Pennsylvania.....  | 1897   | Belfast.....     | Harland & Wolff.....  | ..       | 12500                        | 6000            | ..               | Spilied.....   | 560                 | 62       | 42     |
| Pretoria.....  | 1897   | Hamburg.....     | Blohm & Voss.....   | ..       | 12500                        | 6000            | ..               | Karlowa.....   | 560                 | 62       | 42     |
| Graf Waldersee.....  | 1897   | Hamburg.....     | Blohm & Voss.....   | ..       | 15000                        | 6000            | ..               | Kopff.....     | 565                 | 62       | 42     |
| Patricia.....  | 1897   | Stettin.....     | Vulcan S. B. Co.....  | ..       | 13000                        | 6000            | ..               | Bauer.....     | 565                 | 62       | 42     |
| Palatia.....   | 1894   | Stettin.....     | Vulcan S. B. Co.....  | ..       | 8000                         | 5500            | ..               | Ressing.....   | 460                 | 52       | 32     |
| Phoenicia.....   | 1894   | Hamburg.....     | Blohm & Voss.....   | ..       | 8000                         | 5500            | ..               | Leithauser.    | 460                 | 52       | 32     |
| Armenia.....   | 1896   | Newcastle.....   | Palmers.....  | ..       | 7000                         | 3000            | ..               | Magin.....     | 400                 | 50       | 30     |
| Arcadia.....   | 1896   | Belfast.....     | Harland & Wolff.....  | ..       | 7000                         | 3000            | ..               | Martens.....   | 400                 | 49       | 30     |
| Arabia.....  | 1896   | Belfast.....     | Harland & Wolff.....  | ..       | 7000                         | 3000            | ..               | Pietsch.....   | 400                 | 49       | 30     |
| Asturia.....   | 1896   | Newcastle.....   | Palmers.....  | ..       | 7000                         | 3000            | ..               | Kuhn.....      | 390                 | 53       | 29     |
| Andalusia.....   | 1896   | Newcastle.....   | Palmers.....  | ..       | 7000                         | 3000            | ..               | ..             | 400                 | 50       | 30     |
| Adria.....   | 1896   | Newcastle.....   | Palmers.....  | ..       | 7000                         | 3000            | ..               | Reuter.....    | 400                 | 50       | 30     |
| Ambria.....  | 1896   | Flensburg.....   | Flensburg S. B. Co.....   | ..       | 5043                         | 5000            | ..               | Froehlich..... | 404                 | 32       | 25     |
| Alesia.....  | 1896   | Flensburg.....   | Flensburg S. B. Co.....   | ..       | 5060                         | 5000            | ..               | Krech.....     | 464                 | 32       | 25     |
| Aragonia.....  | 1896   | Flensburg.....   | Flensburg S. B. Co.....   | ..       | 5250                         | 5000            | ..               | H. Schmidt.    | 404                 | 32       | 25     |
| Bulgaria.....  | 1898   | Hamburg.....     | Blohm & Voss.....   | ..       | 10236                        | 4000            | ..               | Hahn.....      | 501                 | 62       | 34 1/2 |
| Brasilia.....  | 1898   | Belfast.....     | Harland & Wolff.....  | ..       | 10221                        | 4000            | ..               | Schroeder..... | 501                 | 62       | 34 1/2 |
| Belgravia.....   | 1899   | Hamburg.....     | Blohm & Voss.....   | ..       | 10960                        | 4000            | ..               | .....          | 501                 | 62       | 35     |
| Batavia.....   | 1899   | Hamburg.....     | Blohm & Voss.....   | ..       | 10960                        | 4000            | ..               | .....          | 501                 | 62       | 35     |
| NEW YORK, BOULOGNE, AMSTERDAM, AND ROTTERDAM, Piers foot 5th and 6th Sts., Hoboken.            |        |                  | HOLLAND-AMERICA LINE.<br>NETHERLANDS-AMERICAN LINE.<br>(Office, 39 Broadway.) |          | ESTABLISHED 1874.            |                 |                  |                |                     |          |        |
| Rotterdam.....   | 1897   | Belfast.....     | Harland & Wolff.....  | 5000     | 8000                         | ..              | 5000             | Potjer.....    | 485                 | 53       | 34     |
| Spaaradam.....   | 1881   | Belfast.....     | Harland & Wolff.....  | 3123     | 4538                         | ..              | 3500             | Stenger.....   | 480                 | 42       | 31     |
| Maasdam.....   | 1872   | Belfast.....     | Harland & Wolff.....  | 2702     | 3884                         | ..              | 3500             | Bakker.....    | 420                 | 41       | 31     |
| Werkendam.....   | 1881   | Belfast.....     | Harland & Wolff.....  | 2654     | 3957                         | ..              | 2500             | Burginsma.     | 410                 | 39       | 29     |
| Amsterdam.....   | 1879   | Belfast.....     | Harland & Wolff.....  | 2681     | 3927                         | ..              | 2500             | Roggeereers.   | 411                 | 39       | 29     |
| Statendam.....   | 1898   | Belfast.....     | Harland & Wolff.....  | 7000     | 10500                        | ..              | 5500             | Van der Zee.   | 525                 | 60       | 42     |
| Potsdam†.....  | .....  | Hamburg.....     | Blohm & Voss.....   | ..       | 12500                        | ..              | ..               | Bonjer.....    | 559                 | ..       | ..     |
| Ryndam.....  | .....  | Belfast.....     | Harland & Wolff.....  | ..       | 12500                        | ..              | ..               | .....          | 559                 | ..       | ..     |
| Noordam†.....  | .....  | Belfast.....     | Harland & Wolff.....  | ..       | 12500                        | ..              | ..               | .....          | 559                 | ..       | ..     |

\* 23,500 registered.

† Building.



The Fleet of Transatlantic Passenger Steamers.—Continued. 187

| STEAMSHIPS.  | BUILT. |                | Builders.                | TONNAGE. |        | HORSE POWER.    |                  | Commander. | DIMENSIONS IN FEET. |                   |        |  |
|--|--------|----------------|--------------------------|----------|--------|-----------------|------------------|------------|---------------------|-------------------|--------|--|
|  | Year.  | Place.         |                          | Net.     | Gross. | Indi-<br>cated. | Regis-<br>tered. |            | Length.             | Breadth.          | Depth. |  |
| NEW YORK, CHERBOURG, SOUTHAMPTON, } NORTH GERMAN LLOYD.<br>AND BREMEN, Pier 2d St., Hoboken. } (Office, 5 Broadway.) |        |                |                          |          |        |                 |                  |            |                     | ESTABLISHED 1857. |        |  |
| Kaiser Wilhelm   | 1897   | Stettin.....   | Vulcan S. B. Co.....     | 13800    | 27000  | ...             | Englehart...     | 649        | 66                  | 43                |        |  |
| Der Grosse.....  | 1898   | Stettin.....   | Vulcan S. B. Co.....     | 3769     | 7800   | 17000           | Meier.....       | 546        | 52                  | 37                |        |  |
| Kaiserin Maria Th.   | 1887   | Fairfield..... | Fairfield E. & S. B. Co. | 2879     | 5581   | 8800            | Pohle.....       | 464        | 49                  | 37                |        |  |
| Lahn.....  | 1886   | Glasgow.....   | Elder & Co.....          | 2779     | 5881   | 7500            | Mirow.....       | 455        | 48                  | 36                |        |  |
| Saale.....   | 1886   | Glasgow.....   | Elder & Co.....          | 2779     | 5831   | 7500            | Christoffers..   | 455        | 48                  | 36                |        |  |
| Trave.....   | 1896   | Stettin.....   | Vulcan S. B. Co.....     | 10500    | 7000   | ...             | Eichel.....      | 546        | 60                  | 35                |        |  |
| Friedrich d. Grosse  | 1896   | Stettin.....   | Vulcan S. B. Co.....     | 10500    | 7000   | ...             | .....            | 544        | 60                  | 35                |        |  |
| Königin Luise.....   | 1896   | Hamburg.....   | Blohm & Voss.....        | 10500    | 7000   | ...             | Richter.....     | 646        | 60                  | 35                |        |  |
| Barbarossa.....  | 1896   | Dantzic.....   | Vulcan S. B. Co.....     | 10500    | 8000   | ...             | Reimkasten       | 544        | 60                  | 35                |        |  |
| Bremen.....  | 1892   | Newcastle...   | Mitchell, A' strong Co.  | 5305     | 3800   | ...             | Steencken...     | 481        | 48                  | 29                |        |  |
| H. H. Meier.....   | 1900   | Dantzic.....   | F. Schichau.....         | 12200    | 8000   | ...             | .....            | 551 1/2    | 62                  | 39                |        |  |
| Grosser Kurfürst..   | 1899   | Hamburg.....   | Blohm & Voss.....        | 10206    | 5000   | ...             | .....            | 520        | 58                  | 40                |        |  |
| Rhein.....   | 1900   | Hamburg.....   | Blohm & Voss.....        | 10200    | 5000   | ...             | .....            | 520        | 58                  | 40                |        |  |
| Main.....  | 1900   | Hamburg.....   | Blohm & Voss.....        | 10200    | 5000   | ...             | .....            | 520        | 58                  | 40                |        |  |

|   |      |              |                      |      |      |      |              |     |    |                   |  |  |
|---|------|--------------|----------------------|------|------|------|--------------|-----|----|-------------------|--|--|
| NEW YORK AND GENOA, Pier } NORTH GERMAN LLOYD.<br>foot 2d St., Hoboken. } (Office, 5 Broadway.) |      |              |                      |      |      |      |              |     |    | ESTABLISHED 1892. |  |  |
| Kaiser Wilhelm II   | 1888 | Stettin..... | Vulcan S. B. Co..... | 4776 | 6990 | 6500 | Hogemann..   | 465 | 52 | 27                |  |  |
| Aller.....  | 1886 | Glasgow..... | Elder & Co.....      | 2779 | 5381 | 7500 | Nierich..... | 455 | 48 | 36                |  |  |
| Fms.....  | 1884 | Glasgow..... | Elder & Co.....      | 2393 | 5192 | 7000 | Harrasowitz  | 445 | 47 | 35                |  |  |
| Werra.....  | 1883 | Glasgow..... | Elder & Co.....      | 4815 | 6800 | ...  | Weyer.....   | 445 | 46 | 36                |  |  |

|  |      |              |                    |      |      |     |                 |     |    |                   |  |  |
|--|------|--------------|--------------------|------|------|-----|-----------------|-----|----|-------------------|--|--|
| NEW YORK AND ANTWERP, Pier } RED STAR LINE.<br>foot Fulton St., N. R. } (Office, 73 Broadway.) |      |              |                    |      |      |     |                 |     |    | ESTABLISHED 1873. |  |  |
| Friesland.....   | 1889 | Glasgow..... | J. & G. Thomson... | 5023 | 6824 | ... | 800 Nickels ..  | 455 | 51 | 38                |  |  |
| Westernland.....   | 1883 | Birkenhead.. | Laird Bros.....    | 4320 | 5994 | ... | 700 Mills.....  | 455 | 47 | 35                |  |  |
| Noordland.....   | 1883 | Birkenhead.. | Laird Bros.....    | 4019 | 5398 | ... | 500 Loesewitz.. | 419 | 47 | 35                |  |  |
| Southark.....  | 1893 | Dumbarton..  | W. Denny & Bros..  | 5642 | 8607 | ... | 1237 Bence..... | 494 | 57 | 37                |  |  |
| Kensington.....  | 1894 | Glasgow..... | J. & G. Thomson... | 5645 | 8609 | ... | 1237 Albrecht.. | 494 | 57 | 37                |  |  |

|   |      |               |                     |      |      |     |              |     |    |                   |  |  |
|---|------|---------------|---------------------|------|------|-----|--------------|-----|----|-------------------|--|--|
| NEW YORK, CHRISTIANIA, CO- } SCANDINAVIAN-AMERICAN LINE.<br>PENHAGEN, AND STETTIN, } (Office, 28 State St.) |      |               |                     |      |      |     |              |     |    | ESTABLISHED 1879. |  |  |
| Hekla.....  | 1884 | Greenock..... | Scott & Co.....     | 3258 | 2150 | ... | Thomsen..... | 333 | 41 | 29                |  |  |
| Island.....   | 1882 | Copenhagen.   | Burmeister & Wain.. | 2844 | 2000 | ... | Skjødt.....  | 324 | 39 | 29                |  |  |
| Norge.....  | 1881 | Glasgow.....  | Stephens & Son..... | 5859 | 1800 | ... | Knudsen..... | 340 | 41 | 32                |  |  |
| Thingvalla.....   | 1874 | Copenhagen.   | Burmeister & Wain.. | 2524 | 1000 | ... | Laub.....    | 301 | 37 | 21                |  |  |

|  |      |              |                     |      |       |       |                    |     |    |                   |  |  |
|--|------|--------------|---------------------|------|-------|-------|--------------------|-----|----|-------------------|--|--|
| NEW YORK, QUEENSTOWN, AND } WHITE STAR LINE.<br>LIVERPOOL, Pier foot W. 10th St. } (Office, 9 Broadway.) |      |              |                     |      |       |       |                    |     |    | ESTABLISHED 1870. |  |  |
| Teutonic.....  | 1889 | Belfast..... | Harland & Wolff.... | 4269 | 9984  | 16000 | 1875 McKinstry..   | 565 | 57 | 39                |  |  |
| Majestic.....  | 1889 | Belfast..... | Harland & Wolff.... | 4269 | 9965  | 16000 | 1875 E. J. Smith.. | 565 | 57 | 39                |  |  |
| Britannic.....   | 1874 | Belfast..... | Harland & Wolff.... | 3152 | 5004  | 4590  | 890 Hayes.....     | 455 | 45 | 34                |  |  |
| Germanic.....  | 1874 | Belfast..... | Harland & Wolff.... | 2939 | 5665  | 4500  | 765 Haddock....    | 455 | 45 | 34                |  |  |
| Cymric.....  | 1898 | Belfast..... | Harland & Wolff.... | 6123 | 12551 | 6700  | 4190 Lindsay..     | 585 | 54 | 38                |  |  |
| Oceanic.....   | 1899 | Belfast..... | Harland & Wolff.... | 7930 | 17040 | 27000 | 1137 Cameron....   | 655 | 68 | 44                |  |  |

|  |      |              |                        |      |      |     |                 |     |    |                   |  |  |
|--|------|--------------|------------------------|------|------|-----|-----------------|-----|----|-------------------|--|--|
| NEW YORK AND HULL, } WILSON LINE.<br>Wilson Pier, foot Bethune St., N. R. } (Office, 29 Broadway. After May 1, 1900, 22 State St.) |      |              |                        |      |      |     |                 |     |    | ESTABLISHED 1840. |  |  |
| Buffalo.....   | 1885 | Newcastle... | Palmers.....           | 2909 | 4431 | ... | 600 Malet.....  | 385 | 46 | 28                |  |  |
| Ohio.....  | 1880 | Dumbarton..  | A. McMillan & Sons.    | 2557 | 3967 | ... | 450 Akester.... | 360 | 43 | 25                |  |  |
| Colorado.....  | 1887 | Hull.....    | Earles.....            | 2787 | 4220 | ... | 600 Whitton.... | 370 | 45 | 28                |  |  |
| Martello.....  | 1884 | Hull.....    | Earles.....            | 2434 | 3708 | ... | 550 Potter..... | 370 | 43 | 28                |  |  |
| Hindoo.....  | 1889 | Newcastle... | R. Stephenson & Co. Ld | 2407 | 3720 | ... | 500 Wing.....   | 368 | 43 | 28                |  |  |
| Idaho.....   | 1897 | Walsend...   | Swan & Hunter.....     | 4000 | 6000 | ... | .....           | 470 | 50 | 42                |  |  |
| Galileo.....   | 1881 | Hull.....    | Earles.....            | 1950 | 3008 | ... | 306 Clark.....  | 350 | 41 | 27                |  |  |
| Ontario.....   | 1881 | Dumbarton..  | McMillan.....          | 2634 | 4008 | ... | 339 Hubey.....  | 360 | 43 | 24                |  |  |

PASSENGERS LANDED AT NEW YORK BY PRINCIPAL LINES.

|                       | 1898.  |                |        | 1897.  |                |        | 1896.                    |                |        |       |
|-----------------------|--------|----------------|--------|--------|----------------|--------|--------------------------|----------------|--------|-------|
|                       | Cabin  | Steer-<br>age. | Deck.  | Cabin  | Steer-<br>age. | Deck.  | Cabin                    | Steer-<br>age. | Deck.  |       |
| North German Lloyd... | 17,894 | 53,223         | 15,196 | 40,415 | 13,555         | 54,180 | Red Star (Antwerp)...    | 3,881          | 11,984 | 4,493 |
| Cunard.....           | 16,692 | 20,463         | 15,196 | 17,303 | 17,999         | 20,681 | Holland-America.....     | 3,365          | 14,273 | 2,871 |
| Hamburg-American..... | 8,056  | 20,092         | 10,866 | 17,223 | 16,371         | 44,572 | Thingvalla (Copenhagen)  | 679            | 2,661  | 860   |
| White Star.....       | 10,322 | 20,764         | 10,104 | 19,271 | 11,607         | 21,220 | Allan-State (Glasgow)    | 1,344          | 1,128  | 1,823 |
| Anchor (Glasgow)..... | 5,080  | 4,177          | 6,478  | 19,372 | 6,979          | 24,287 | Anchor (Mediterranean).  | 19             | 15,583 | ..    |
| American.....         | 5,037  | 5,819          | 14,443 | 11,322 | 16,855         | 12,830 | Atlantic Trans. (London) | 1,872          | 1,820  | ..    |
| French.....           | 5,203  | 15,511         | 6,044  | 14,264 | 6,847          | 17,371 | Other steamer lines*     | 678            | 29,878 | ..    |

\*Prince, Fabre, and Hamburg-American lines from Mediterranean Ports.

TIME AND DISTANCE REQUIRED TO STOP STEAMERS.

The following calculations as to the length of time and distance required to stop a steam vessel going full speed ahead when the propelling machinery is reversed were made for London Engineer:

|                        | Displacement. | Horse Power. | Speed. | Distance. | Time.    |
|------------------------|---------------|--------------|--------|-----------|----------|
|                        |               |              |        | Feet.     | Seconds. |
| Etruria (Cunard).....  | 9,680         | 14,321       | 20.18  | 2,464     | 167      |
| Lepanto (Italian)..... | 4,680         | 15,040       | 18     | 2,522     | 192      |
| Columbia (U. S.).....  | 7,950         | 17,991       | 22.8   | 2,147     | 135      |
| Yorktown (U. S.).....  | 1,700         | 5,205        | 16.14  | 989       | 88.9     |
| Bancroft (U. S.).....  | 1032          | 1,170        | 12.42  | 965       | 91       |
| Cushing (U. S.).....   | 856           | 1,754        | 24.53  | 801       | 18.4     |
| Wiborg (Russian).....  | 138           | 1,808        | 19.96  | 873       | 23.6     |

**Fastest Atlantic Ocean Passages.**

| Route.                  | Steamer.               | Line.           | Date.               | D. | H. | M.  |
|-------------------------|------------------------|-----------------|---------------------|----|----|-----|
| Queenstown to New York  | Lucania.               | Cunard          | Oct. 21-26, 1894    | 5  | 7  | 23  |
| New York to Queenstown  | Lucania.               | Cunard          | Sept. 8-14, 1894    | 5  | 8  | 33  |
| Cherbourg to New York   | Kaiser Wilh. d. Gr'se. | No. Germ. Lloyd | Nov. 16-21, 1899    | 5  | 17 | 27  |
| Southampton to New York | Kaiser Wilh. d. Gr'se. | No. Germ. Lloyd | Mar 30-Apr 5, 1898  | 5  | 20 | ... |
| New York to Southampton | Kaiser Wilh. d. Gr'se. | No. Germ. Lloyd | Nov. 23-29, 1897    | 5  | 17 | 8   |
| Havre to New York       | La Touraine.           | French          | July 16-23, 1892    | 6  | 14 | 26  |
| New York to Havre       | La Touraine.           | French          | Oct. 29-Nov 5, 1892 | 6  | 20 | 6   |

**BEST RECORDS OF OTHER LINES.**

| Line.            | Route.                  | Steamer.       | Date.             | D. | H. | M. |
|------------------|-------------------------|----------------|-------------------|----|----|----|
| American         | Queenstown to New York  | Paris          | Oct. 14-19, 1892  | 5  | 14 | 24 |
| "                | Southampton to New York | St. Paul       | Aug. 8-14, 1896   | 6  | 0  | 31 |
| "                | New York to Southampton | St. Louis      | Sept. 1-8, 1897   | 6  | 10 | 14 |
| Hamburg-American | New York to Southampton | Fürst Bismarck | Oct. 20-27, 1898  | 6  | 10 | 15 |
| Gulon            | New York to Queenstown  | Alaska         | Sept. 12-19, 1882 | 6  | 18 | 37 |
| "                | Queenstown to New York  | Alaska         | Sept. 16-22, 1883 | 6  | 21 | 40 |
| White Star       | New York to Queenstown  | Teutonic       | Oct. 21-27, 1891  | 5  | 21 | 3  |
| "                | Queenstown to New York  | Teutonic       | Aug. 13-19, 1891  | 5  | 16 | 31 |
| Anchor           | Glasgow to New York     | City of Rome   | Aug. 18-24, 1886  | 6  | 20 | 35 |
| "                | New York to Glasgow     | City of Rome   | Aug. 13-19, 1885  | 6  | 18 | 25 |
| Red Star         | New York to Antwerp     | Friesland      | August, 1894      | 8  | 22 | 13 |

Approximate Distances: Sandy Hook (Lightship), New York, to Queenstown (Roche's Point), 2,800 miles; to Plymouth (Eddystone), 2,962 miles; to Southampton (The Needles), 3,100 miles; to Havre, 3,170 miles. The fastest day's run was made by the Kaiser Wilhelm der Grosse, of the North German Lloyd line, May 2-3, 1893—580 knots, or 23.43 knots per hour

**THE RECORD-BREAKERS IN THIRTY EIGHT YEARS.**

The following is the succession of steamships which have broken the record since 1866, with their running time. The route in all cases was that between New York and Queenstown, east or west.

| Date. | Steamer.         | D. | H. | M. | Date. | Steamer.      | D. | H. | M. |
|-------|------------------|----|----|----|-------|---------------|----|----|----|
| 1866  | Persia           | 9  | 1  | 45 | 1885  | Etruria       | 6  | 5  | 31 |
| 1866  | Scotia           | 8  | 2  | 48 | 1887  | Umbria        | 6  | 4  | 42 |
| 1869  | City of Brussels | 7  | 22 | 3  | 1888  | Etruria       | 6  | 1  | 55 |
| 1873  | Baltic           | 7  | 20 | 9  | 1889  | City of Paris | 5  | 19 | 18 |
| 1875  | City of Berlin   | 7  | 15 | 48 | 1891  | Majestic      | 5  | 18 | 8  |
| 1876  | Germanic         | 7  | 11 | 37 | 1891  | Teutonic      | 5  | 16 | 31 |
| 1877  | Britannic        | 7  | 10 | 53 | 1892  | City of Paris | 5  | 15 | 58 |
| 1880  | Arizona          | 7  | 7  | 23 | 1892  | City of Paris | 5  | 14 | 24 |
| 1882  | Alaska           | 6  | 18 | 37 | 1893  | Campania      | 5  | 12 | 7  |
| 1884  | Oregon           | 6  | 11 | 9  | 1894  | Lucania       | 5  | 7  | 23 |
| 1884  | America          | 6  | 10 | 0  |       |               |    |    |    |

American sailing ship A. G. Ropes arrived off Sandy Hook March 21, 1898, in 19 days from Liverpool, Eng., having made the trip from Cape Clear (Irish coast) to Sandy Hook (2,700 knots) in 17 days, an average of nearly 160 knots a day. Most transatlantic records of sailing vessels are from New York to Liverpool or Queenstown. There is no record on file from Liverpool to New York, excepting that of the Young America, which made the trip to Liverpool in 18 days and came back in 13 days. The famous Dreadnaught once sailed to Liverpool from New York in 13 days 8 hours, and the Red Jacket in 13 days 11 hours 25 minutes.

**Funnel Marks and Night Signals of Transatlantic Lines**

| LINES.           | Funnel Marks.   | Night Signals.   |
|------------------|---|--|
| American         | Black, white band, black top.                                   | Blue light forward, red light amidships, and blue light aft.               |
| Anchor           | Black.  | White lantern, then a red.   |
| Bristol          | Black, white band in centre, blue star in centre of white band. | Red-green light.   |
| Cunard           | Red, with black rings and black top.                            | Blue light and two roman candles, each throwing out six blue balls.        |
| French           | Red, with black top.  | Blue light forward, white light amidships, and red light aft.              |
| Hamburg-Amer.    | Express service, buff; regular, black.                          | Two red-white-blue lights, in quick succession, at stern.                  |
| Netherlands-Am.  | Black, white band, with green borders.                          | Three red lights forward, aft, and amidships, at same time.                |
| Nor. Ger. Lloyd. | Cream   | Two blue-red lights, one forward one aft.                                  |
| Red Star         | Black, white band, black top.                                   | Three red lights, one forward, one aft, and one amidships, simultaneously. |
| Scandinav.-Amer  | Yellow, with white band and blue star, and black top.           | One white-red, followed by one red-white light.                            |
| White Star       | Cream, with black top.  | Two green lights simultaneously.   |
| Wilson           | Red, with black top.  | Two red lights, about 60 feet apart.                                       |

**House Flags of Transatlantic Lines.**

| LINES.        | Flags.   | LINES.           | Flags.   |
|---------------|--|------------------|--|
| American      | White, with blue spreadeagle in centre.  | Netherl'nds-Am   | Green, white and green, N. A. S. M. in black letters in the white.             |
| Anchor        | White swallowtail flag, with red anchor.   | North Ger. Lloyd | Key and anchor crossed in centre of a laurel wreath, in blue on a white field. |
| Cunard        | Red flag, golden lion in centre.   | Red Star         | White swallowtail flag, red star.  |
| French        | White flag, red ball in corner, with company's name.   | Scandinav.-Amer  | White, with seven-pointed blue star.   |
| Hamburg-Amer. | White and blue flag, diagonally quartered, with a black anchor and yellow shield in centre, bearing the letters H.A.P.A.G. | White Star       | Red swallowtail flag, containing white star.                                   |
|               |  | Wilson           | White pen't, red ball in centre.   |

## United States Forestry Statistics.

(Corrected by the Chief of the Division of Forestry, U. S. Department of Agriculture.)

### FOREST AREA.

The total forest area in the United States is estimated at 1,094,514 square miles, or about 699,500,000 acres, which is 36½ per cent of the total land area, Alaska not included.—*Gannett.*

The total annual consumption of manufactured forest products in the United States, according to the figures of the Census of 1890, is more than 18,000,000,000 cubic feet, divided approximately as follows: Lumber market and manufactures, 2,250,000,000 cubic feet; fuel, 15,000,000,000 cubic feet; railroad ties, 27,000,000 cubic feet; fencing, 30,000,000 cubic feet; other items, 1,000,000,000 cubic feet. The amount of cubic feet of standing timber necessary to produce these quantities of usable material is immensely greater, probably almost double. The value of the annual products of our forests was estimated by the Census of 1890 at \$1,038,616,947.

At the present rate of cutting the forest land of the United States cannot long meet the enormous demand made upon it. By far the greater part of the white pine has been cut, and vast inroads have been made into the supply of other valuable timbers. In many sections of the country more timber falls by fire than by the axe. The average annual loss from fire is probably not less than \$20,000,000.

### FOREST PRESERVATION.

For the preservation of the forests, the State of New York first instituted a Forest Commission in 1885. Several radical changes have been made in the law, which now provides for a "Commission of Fisheries, Game, and Forests," to which is delegated the enforcement of the fish and game laws, the care of the Adirondack Park, and the State Forest Preserve. The Legislature of 1897 authorized the purchase of lands in the Adirondacks as an addition to the Park and Forest Reserve to the amount of \$1,000,000, to which \$500,000 in 1898 and \$300,000 in 1899 have since been added. A State College of Forestry has been opened at Cornell University, and has charge of 30,000 acres of State land as a demonstration forest in the Adirondacks. Better methods of handling spruce lands have been introduced on 100,000 acres of private forests, under the direction of the Division of Forestry, U. S. Department of Agriculture. The States of Kansas, Michigan, Minnesota, Maine, New Hampshire, Pennsylvania, and Wisconsin also have special commissions under their forestry laws. The Pennsylvania Legislature of 1897 provided for the purchase of three forest reserves of not less than 40,000 acres each, and the Wisconsin Assembly appointed a commission to formulate and recommend forest legislation. Minnesota has probably the best forest fire law of any State, with a Chief Fire Warden as executive officer. In New Jersey and North Carolina the Geological Survey is specially charged with forest interests.

A national organization known as the American Forestry Association, composed of delegates from the States, meets annually. F. H. Newell, Washington, D. C., is Corresponding Secretary. Local or State Associations have been formed in California, Connecticut, Colorado, Ohio, New York, Pennsylvania, Kentucky, Massachusetts, Indiana, North Carolina, South Carolina, Washington, Minnesota, Texas, Utah, North Dakota, Wisconsin, and New Jersey.

By act of March 3, 1891, the President is authorized to make public forest reservations. Seventeen such, comprising 17,968,440 acres, were established in Colorado, New Mexico, California, Arizona, Wyoming, Oregon, and Washington, previous to 1897. On February 22, 1897, President Cleveland proclaimed 13 additional reserves, with a total area of 25,683,840 acres.

These reservations were made upon the recommendation of a committee of the National Academy of Sciences after thoroughly investigating the subject at the request of the President. The Sundry Civil bill which passed Congress June 4, 1897, temporarily suspended the reservations of February 22, until the act of March 1, 1898, ordered their survey by the Director of the Geological Survey, and appropriated \$150,000 therefor. The bill provides that lands more suitable for agriculture than for forestry shall be permanently restored to the public domain. It also authorizes the Secretary of the Interior to formulate such rules and regulations for the care and management of the forest reservations as may in his judgment be necessary. Since its passage extensive additional areas have been reserved in Arizona, New Mexico, South Dakota, Montana, Utah, Wyoming, and California, and the attitude of the West toward the reserves has radically changed for the better. The total area of the forest reservations is now 46,425,527 acres.

### ARBOR DAY.

The individual States have striven to encourage tree-planting by appointing a certain day in the year, to be known as Arbor Day, for the voluntary planting of trees by the people. The following States and Territories have since then, by legislative enactment or otherwise, established an annual Arbor Day: Alabama, Arizona, California, Colorado, Connecticut, Florida, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Montana, Missouri, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, West Virginia, Wisconsin, Wyoming—44 in all; in twenty-one States, by act of legislature; in six States, as legal holidays; in five as holidays for schools. (See Legal Holidays.)

## State Flowers.

The following are "State Flowers," as adopted in most instances by the votes of the public school scholars of the respective States:

|                 |                               |                                       |              |
|-----------------|-------------------------------|---------------------------------------|--------------|
| Alabama.....    | Golden Rod                    | Montana.....                          | Bitter Root  |
| Arkansas.....   | .....Aster                    | Nebraska.....                         | Golden Rod   |
| California..... | California Poppy              | New Jersey, State tree.....           | Sugar Maple  |
| Colorado.....   | .....Columbine                | New York, Rose; State tree.....       | Maple        |
| Delaware.....   | Peach Blossom                 | North Dakota.....                     | Golden Rod   |
| Idaho.....      | .....Syringia                 | Oklahoma Territory.....               | *Mistletoe   |
| Iowa.....       | .....Wild Rose                | Oregon.....                           | Oregon Grape |
| Maine.....      | *Pine Cone and Tassel         | Rhode Island, Violet; State tree..... | Maple        |
| Michigan.....   | *Apple Blossom                | Vermont.....                          | Red Clover   |
| Minnesota.....  | Cyripedium or Moccasin Flower | Washington.....                       | Rhododendron |
| Missouri.....   | .....Golden Rod               |                                       |              |

In other States the scholars or State Legislatures have not yet taken action. In Illinois in the vote on the leading State flower by the pupils of the schools the Rose, Violet, and Golden Rod received the largest number of votes, in the order named, although no State flower was adopted. In Massachusetts the Trailing Arbutus and the Blue Flag were strongly urged, but no flower was adopted. In Tennessee the Golden Rod is advocated. In Kansas the Sunflower is usually known as the State flower.

\* Adopted by State Legislature, not by public school scholars.

**Agricultural Statistics.**

**GRAIN PRODUCTION OF THE UNITED STATES.**

The following are the United States census reports of the production of the principal cereals in the United States in the several census years together with the reports of the U. S. Department of Agriculture for 1888-98.

| YEARS. | Indian Corn. |     | Wheat.   |     | Oats.    |     | Barley.  |     | Rye.     |     | Buckwheat.  |  |
|--------|--------------|-----|----------|-----|----------|-----|----------|-----|----------|-----|-------------|--|
|        | Bushels.     |     | Bushels. |     | Bushels. |     | Bushels. |     | Bushels. |     | Bushels.    |  |
| 1850.  | 592 071      | 104 | 100 485  | 924 | 146 584  | 179 | 5 167    | 015 | 14 188   | 813 | 8 856 912   |  |
| 1860.  | 838 792      | 742 | 173 104  | 924 | 172 643  | 185 | 15 825   | 898 | 21 101   | 850 | 17 571 818  |  |
| 1870.  | 760 944      | 549 | 287 745  | 626 | 282 107  | 157 | 29 761   | 305 | 16 918   | 795 | 9 821 721   |  |
| 1880.  | 1 754 861    | 535 | 459 479  | 503 | 407 858  | 900 | 44 113   | 495 | 19 831   | 595 | 11 817 327  |  |
| 1888.  | 1 987 790    | 000 | 415 868  | 000 | 701 735  | 000 | 63 884   | 593 | 28 412   | 011 | 12 000 000  |  |
| 1889.  | 2 112 892    | 000 | 490 560  | 000 | 751 515  | 000 | *78 000  | 000 | *30 000  | 000 | *11 000 000 |  |
| 1890.  | 1 489 970    | 000 | 399 262  | 000 | 523 621  | 000 | *68 000  | 000 | *28 000  | 000 | *11 000 000 |  |
| 1891.  | 2 060 154    | 000 | 611 780  | 000 | 738 394  | 000 | *80 000  | 000 | *33 000  | 000 | *12 000 000 |  |
| 1892.  | 1 628 464    | 000 | 515 949  | 000 | 661 035  | 000 | *72 000  | 000 | *30 000  | 000 | *11 000 000 |  |
| 1893.  | 1 619 496    | 131 | 396 131  | 725 | 638 854  | 850 | 69 869   | 495 | 26 555   | 446 | 12 132 311  |  |
| 1894.  | 1 212 770    | 052 | 460 267  | 416 | 662 086  | 928 | 61 400   | 465 | 25 727   | 615 | 12 668 209  |  |
| 1895.  | 2 151 139    | 000 | 467 103  | 000 | 824 444  | 000 | 87 373   | 000 | 27 210   | 000 | 15 341 000  |  |
| 1896.  | 2 283 875    | 000 | 427 684  | 000 | 707 346  | 000 | 69 695   | 000 | 24 369   | 000 | 14 890 000  |  |
| 1897.  | 1 902 967    | 933 | 530 149  | 168 | 698 737  | 809 | 66 685   | 127 | 27 363   | 324 | 14 897 451  |  |
| 1898.  | 1 924 185    | 000 | 675 149  | 000 | 730 905  | 000 | 55 792   | 000 | 25 657   | 000 | 11 722 000  |  |

\* Estimated by the Cincinnati Price Current. The hay crop of the United States in 1898 was estimated at 66,377,000 tons, potato crop 192,306 000 bushels. The last officially reported estimate (1888) of the hop crop was 1,987,790,000 pounds, of peanuts 2 600,000 bushels.

**THE WHEAT CROP OF THE WORLD, IN BUSHELS, 1898.**

| COUNTRIES        | Bushels.    | COUNTRIES     | Bushels.    | COUNTRIES.      | Bushels.      |
|------------------|-------------|---------------|-------------|-----------------|---------------|
| United States    | 597 294 000 | Bulgaria      | 45 978 000  | British India   | 242 800 000   |
| Canada           | 68 169 000  | Italy         | 11 337 000  | Egypt           | 17 026 000    |
| Argentina        | 53 844 000  | Spain         | 97 042 000  | Algeria         | 24 118 000    |
| Chile            | 18 444 000  | France        | 350 431 000 | Australasia     | 36 887 000    |
| Austria          | 41 144 000  | Germany       | 111 798 000 | Other countries | 57 551 000    |
| Hungary          | 130 525 000 | Belgium       | 51 281 000  |                 |               |
| Roumania         | 69 519 000  | Great Britain | 63 844 000  | The World       | 2,670,822 000 |
| Turkey in Europe | 102 150 000 | Russia        | 374 550 000 |                 |               |

\* With Croatia and Slavonia + With Siberia and Asia Minor. The estimate of production of wheat in 1898 was made by the Hungarian Minister of Agriculture. The rye crop of principal countries in 1896 was Austria, 132,000,000 bushels; Russia, 780,000,000; France, 72,000,000. Germany, 284,000,000; Belgium, 20,000,000. Spain, 36,000,000; Netherlands, 12 000,000. Scandinavia, 68,000 000 - *Muthall*.

**WHEAT HARVEST CALENDAR.**

January—Australia, New Zealand, Chile, Argentine Republic.  
 February and March—Upper Egypt, India.  
 April—Lower Egypt, India, Syria, Cyprus, Persia, Asia Minor, Mexico, Cuba.  
 May—Texas, Algeria, Central Asia, China, Japan, Morocco.  
 June—California, Oregon, Mississippi, Alabama, Georgia, North Carolina, South Carolina, Tennessee, Virginia, Kentucky, Kansas, Arkansas, Utah, Colorado, Missouri, Turkey, Greece, Italy, Spain, Portugal, South of France.  
 July—New England, New York, Pennsylvania, Ohio, Indiana, Michigan, Illinois, Iowa, Wisconsin, Southern Minnesota, Nebraska, Upper Canada, Roumania, Bulgaria, Austria, Hungary, South of Russia, Germany, Switzerland, South of England.  
 August—Central and Northern Minnesota, the Dakotas, Manitoba, Lower Canada, Colombia, Belgium, Netherlands, Great Britain, Denmark, Poland, Central Russia.  
 September and October—Scotland, Sweden, Norway, North of Russia.  
 November—Peru, South Africa.  
 December—Burmah, New South Wales.

The tables of wheat harvest calendar and of prices of wheat in the Chicago market from 1860 to 1899 inclusive were compiled by Charles B. Murray, editor of the Cincinnati Price Current.

**PRICES OF WHEAT (CHICAGO MARKET), 1860-99 \***

| YEARS. | Months of Lowest Price. | Yearly Range of Prices. | Months of Highest Price. | YEARS. | Months of Lowest Price. | Yearly Range of Prices | Months of Highest Price. |
|--------|-------------------------|-------------------------|--------------------------|--------|-------------------------|------------------------|--------------------------|
| 1860   | December                | 66 @ 1 13               | April.                   | 1880   | August                  | 86½ @ 1 32             | January.                 |
| 1861   | June and July           | 65 @ 1 25               | May.                     | 1881   | January                 | 95½ @ 1 43¼            | October.                 |
| 1862   | January                 | 64 @ 92½                | August.                  | 1882   | December                | 91½ @ 1 40             | April and May            |
| 1863   | August                  | 80 @ 1 12½              | December.                | 1883   | October                 | 90 @ 1 13½             | June.                    |
| 1864   | March                   | 1 07 @ 2 26             | June.                    | 1884   | December                | 69½ @ 96               | February.                |
| 1865   | December                | 85 @ 1 55               | January.                 | 1885   | March                   | 73½ @ 91¾              | April.                   |
| 1866   | February                | 77 @ 2 03               | November.                | 1886   | October                 | 69½ @ 84¾              | January.                 |
| 1867   | August                  | 1 55 @ 2 85             | May.                     | 1887   | August                  | 66½ @ 94¾              | June.                    |
| 1868   | November                | 1 04½ @ 2 20            | July.                    | 1888   | April                   | 71½ @ 2 00             | September. †             |
| 1869   | December                | 79½ @ 1 46              | August.                  | 1889   | June                    | 75½ @ 1 08¾            | February.                |
| 1870   | April                   | 73¼ @ 1 31½             | July. (Sept              | 1890   | February                | 74¼ @ 1 08¾            | August.                  |
| 1871   | August                  | 99½ @ 1 32              | Feb. April, and          | 1891   | July                    | 85 @ 1 16              | April.                   |
| 1872   | November                | 1 01 @ 1 61             | August.                  | 1892   | October                 | 69½ @ 91¾              | February.                |
| 1873   | September               | 89 @ 1 46               | July.                    | 1893   | July                    | 54½ @ 88               | April.                   |
| 1874   | October                 | 81½ @ 1 28              | April.                   | 1894   | Sept'ber                | 50 @ 63¼               | April.                   |
| 1875   | February                | 83½ @ 1 30½             | August.                  | 1895   | January                 | 48½ @ 85¾              | May.                     |
| 1876   | July                    | 83 @ 1 24¾              | December.                | 1896   | June                    | 53½ @ 94¾              | November.                |
| 1877   | August                  | 1 01½ @ 1 76½           | May.                     | 1897   | April                   | 64½ @ 1 09             | December.                |
| 1878   | October                 | 77 @ 1 14               | April.                   | 1898   | October                 | 62½ @ 1 85             | May. †                   |
| 1879   | January                 | 81½ @ 1 33½             | December                 | 1899   | Nov'mber                | 65 @ 79½               | May.                     |

\* No 2 cash wheat. † The Hutchinson "corner" figure: \$1 04½ @ 1 05¼ the following day. ‡ The Leiter "corner" figure.

The Main Cereal Crops of the United States.

STATISTICS OF PRODUCTION OF INDIAN CORN, WHEAT, AND OATS IN 1898.  
(Compiled from the Report of the Department of Agriculture.)

| STATES AND TERRITORIES. | CORN.      |               |               | WHEAT.     |             |               | OATS.      |             |               |
|-------------------------|------------|---------------|---------------|------------|-------------|---------------|------------|-------------|---------------|
|                         | Acres.     | Bushels.      | Value.        | Acres.     | Bushels.    | Value.        | Acres.     | Bushels.    | Value.        |
| Maine.....              | 10,893     | 435,720       | \$209,146     | 1,808      | 85,256      | \$31,378      | 140,217    | 5,047,812   | \$1,716,256   |
| New Hampshire.....      | 23,283     | 975,743       | 449,362       | 516        | 9,904       | 9,020         | 30,538     | 1,007,754   | 382,947       |
| Vermont.....            | 46,142     | 1,984,106     | 873,007       | 3,870      | 87,075      | 76,368        | 108,090    | 4,107,420   | 1,437,597     |
| Massachusetts.....      | 39,091     | 1,563,640     | 766,184       | ....       | ....        | ....          | 15,121     | 483,872     | 179,033       |
| Rhode Island.....       | 4,730      | 262,820       | 168,205       | ....       | ....        | ....          | 3,653      | 98,631      | 36,493        |
| Connecticut.....        | 44,805     | 1,657,785     | 862,048       | 300        | 6,000       | 5,280         | 19,449     | 562,562     | 202,522       |
| New York.....           | 474,385    | 16,671,535    | 6,795,760     | 379,099    | 8,036,263   | 5,786,109     | 1,406,238  | 38,726,545  | 12,005,290    |
| New Jersey.....         | 95,223     | 9,324,841     | 3,732,398     | 124,816    | 2,163,218   | 1,582,872     | 68,137     | 1,923,485   | 596,820       |
| Pennsylvania.....       | 1,921,355  | 45,190,135    | 18,076,054    | 1,520,568  | 26,609,490  | 18,094,759    | 1,163,043  | 27,098,902  | 8,129,671     |
| Delaware.....           | 908,784    | 5,219,600     | 1,618,076     | 74,343     | 988,769     | 682,246       | 17,587     | 336,914     | 116,074       |
| Maryland.....           | 585,925    | 18,163,985    | 6,357,295     | 767,316    | 11,739,935  | 8,217,954     | 78,335     | 1,597,532   | 442,984       |
| Virginia.....           | 1,761,662  | 38,756,564    | 13,584,797    | 753,625    | 10,626,112  | 7,013,234     | 427,369    | 6,880,641   | 1,995,386     |
| North Carolina.....     | 2,433,600  | 34,070,400    | 14,650,272    | 573,331    | 5,274,645   | 4,114,923     | 443,260    | 6,338,618   | 2,345,289     |
| South Carolina.....     | 1,751,907  | 17,519,070    | 8,058,772     | 111,482    | 1,181,709   | 1,110,806     | 244,658    | 4,208,118   | 1,893,653     |
| Georgia.....            | 2,954,072  | 26,556,648    | 12,761,591    | 260,736    | 2,607,360   | 2,555,213     | 433,521    | 7,196,449   | 3,454,296     |
| Florida.....            | 471,608    | 4,244,472     | 2,122,326     | ....       | ....        | ....          | 40,461     | 623,099     | 336,473       |
| Alabama.....            | 2,645,412  | 39,681,630    | 16,269,468    | 43,309     | 519,708     | 467,737       | 320,433    | 5,338,274   | 2,207,142     |
| Mississippi.....        | 2,218,393  | 39,931,074    | 15,573,119    | 2,165      | 30,094      | 24,978        | 130,070    | 2,406,295   | 1,010,644     |
| Louisiana.....          | 1,213,415  | 9,738,473     | 9,740,973     | ....       | ....        | ....          | 39,593     | 662,353     | 251,687       |
| Texas.....              | 4,213,468  | 108,336,700   | 33,814,478    | 631,653    | 9,248,464   | 6,356,956     | 711,156    | 21,121,530  | 5,914,065     |
| Arkansas.....           | 2,968,961  | 45,365,290    | 13,155,914    | 212,276    | 2,335,036   | 1,354,331     | 171,089    | 7,229,609   | 2,096,512     |
| Tennessee.....          | 2,941,067  | 76,487,742    | 22,175,645    | 1,059,997  | 13,980,080  | 9,266,654     | 361,232    | 6,755,038   | 1,891,411     |
| West Virginia.....      | 700,994    | 20,328,926    | 7,521,666     | 421,500    | 5,816,700   | 4,129,857     | 149,265    | 2,910,668   | 873,200       |
| Kentucky.....           | 2,747,653  | 85,177,243    | 22,997,856    | 939,814    | 14,495,436  | 8,968,570     | 422,592    | 9,436,061   | 2,535,836     |
| Ohio.....               | 2,779,147  | 102,828,439   | 27,763,679    | 2,491,312  | 42,103,173  | 27,788,094    | 897,222    | 27,724,160  | 6,653,798     |
| Michigan.....           | 980,606    | 33,340,604    | 11,335,805    | 1,637,899  | 20,061,851  | 21,799,585    | 847,032    | 2,774,532   | 7,013,316     |
| Indiana.....            | 3,587,627  | 129,154,572   | 32,288,643    | 2,463,207  | 38,426,029  | 24,208,398    | 1,093,790  | 31,938,668  | 7,345,894     |
| Illinois.....           | 6,665,327  | 199,959,810   | 49,989,952    | 1,757,668  | 19,334,348  | 11,600,609    | 3,449,951  | 88,303,579  | 20,309,823    |
| Wisconsin.....          | 1,009,355  | 35,327,425    | 9,819,679     | 760,554    | 13,689,972  | 8,077,063     | 1,790,671  | 64,643,223  | 15,514,374    |
| Minnesota.....          | 954,120    | 30,532,000    | 7,327,680     | 4,963,159  | 78,417,912  | 42,345,672    | 1,550,925  | 56,298,573  | 11,822,701    |
| Iowa.....               | 7,285,710  | 254,999,850   | 58,649,966    | 1,328,720  | 22,189,624  | 11,538,004    | 3,650,239  | 13,428,126  | 29,622,570    |
| Missouri.....           | 5,951,211  | 15,471,406    | 41,777,501    | 1,439,230  | 14,104,484  | 8,321,428     | 938,204    | 15,866,168  | 3,649,219     |
| Kansas.....             | 8,202,698  | 38,842,043    | 34,538,939    | 4,573,198  | 64,939,429  | 32,469,706    | 1,482,736  | 26,689,243  | 6,871,635     |
| Nebraska.....           | 5,559,746  | 158,754,666   | 34,926,022    | 2,114,592  | 34,679,309  | 16,299,275    | 1,752,182  | 16,245,042  | 11,949,008    |
| South Dakota.....       | 1,008,927  | 28,109,956    | 6,466,290     | 3,390,997  | 42,040,923  | 21,020,462    | 601,738    | 15,526,578  | 3,386,581     |
| North Dakota.....       | 24,308     | 461,852       | 166,267       | 2,864,692  | 65,654,445  | 28,383,767    | 490,573    | 15,060,591  | 3,915,754     |
| Montana.....            | 1,598      | 44,744        | 29,531        | 71,188     | 2,100,446   | 1,218,027     | 61,047     | 1,478,508   | 867,478       |
| Wyoming.....            | 2,477      | 39,632        | 21,798        | 22,136     | 54,833      | 361,990       | 13,282     | 414,398     | 165,759       |
| Colorado.....           | 172,994    | 3,113,892     | 1,245,557     | 255,877    | 6,729,565   | 3,768,556     | 85,564     | 3,063,191   | 1,255,908     |
| New Mexico.....         | 24,218     | 509,418       | 285,274       | 192,728    | 4,886,926   | 2,843,694     | 6,998      | 271,522     | 111,324       |
| Arizona.....            | ....       | ....          | ....          | 24,307     | 70,531      | 708,689       | ....       | ....        | ....          |
| Utah.....               | 8,053      | 169,113       | 101,468       | 182,328    | 5,105,184   | 2,756,799     | 24,432     | 969,950     | 368,581       |
| Nevada.....             | ....       | ....          | ....          | 36,699     | 1,054,371   | 1,101,057     | ....       | ....        | ....          |
| Idaho.....              | ....       | ....          | ....          | 335,284    | 4,169,272   | 2,140,421     | 29,411     | 1,082,330   | 451,635       |
| Washington.....         | 5,700      | 68,400        | 28,728        | 969,134    | 22,453,043  | 12,664,643    | 70,043     | 3,262,002   | 1,308,001     |
| Oregon.....             | 13,656     | 327,744       | 196,466       | 1,205,981  | 24,708,290  | 15,319,411    | 183,465    | 4,953,555   | 1,981,422     |
| California.....         | 45,510     | 1,184,040     | 734,105       | 1,343,341  | 12,294,403  | 8,801,570     | 58,888     | 1,943,304   | 971,652       |
| Oklahoma.....           | ....       | ....          | ....          | 951,463    | 14,176,799  | 7,371,935     | ....       | ....        | ....          |
| Total.....              | 77,721,781 | 1,924,184,660 | \$592,023,428 | 44,055,278 | 675,148,705 | \$392,770,320 | 25,777,110 | 730,906,643 | \$186,405,364 |

EXPORTS OF THE MAIN CEREALS FROM THE UNITED STATES.

| FISCAL YEARS<br>JULY 1 TO JUNE 30. | CORN.       |                  |                         | WHEAT.      |                  |                         | OATS.      |                  |                         |
|------------------------------------|-------------|------------------|-------------------------|-------------|------------------|-------------------------|------------|------------------|-------------------------|
|                                    | Bushels.    | Aggregate Value. | Average Value per Bush. | Bushels.    | Aggregate Value. | Average Value per Bush. | Bushels.   | Aggregate Value. | Average Value per Bush. |
| 1876-77.....                       | 70,560,983  | \$41,621,275     | \$0.58,7                | 40,325,611  | \$47,135,562     | \$1.16,9                | ....       | ....             | ....                    |
| 1877-78.....                       | 85,361,098  | 48,033,358       | 56,2                    | 72,404,961  | 96,872,016       | 1,33,8                  | 3,715,479  | \$1,177,926      | \$0.34,4                |
| 1878-79.....                       | 90,296,232  | 40,655,120       | 47,1                    | 122,353,936 | 130,701,079      | 1,06,8                  | 5,445,136  | 1,618,644        | 29,6                    |
| 1879-80.....                       | 94,169,877  | 53,298,217       | 54,3                    | 153,252,795 | 190,516,305      | 1,24,3                  | 766,366    | 308,129          | 40,2                    |
| 1880-81.....                       | 91,908,175  | 50,702,669       | 54,1                    | 150,665,477 | 167,686,483      | 1,11,3                  | 409,904    | 186,899          | 46,3                    |
| 1881-82.....                       | 43,184,915  | 28,848,830       | 66,7                    | 95,271,802  | 112,929,718      | 1,18,5                  | 625,690    | 298,349          | 47,6                    |
| 1882-83.....                       | 40,586,825  | 27,756,082       | 68,3                    | 106,285,828 | 119,879,341      | 1,12,6                  | 461,496    | 233,843          | 50,6                    |
| 1883-84.....                       | 45,247,490  | 27,634,044       | 61,3                    | 70,349,012  | 75,026,678       | 1,06,6                  | 1,760,376  | 700,694          | 30,9                    |
| 1884-85.....                       | 51,824,416  | 28,008,863       | 54,0                    | 84,653,714  | 72,933,097       | 86,2                    | 4,191,692  | 1,589,640        | 37,9                    |
| 1885-86.....                       | 63,655,433  | 31,730,922       | 49,8                    | 57,759,209  | 50,262,715       | 87,0                    | 5,672,694  | 1,944,772        | 34,3                    |
| 1886-87.....                       | 40,307,252  | 19,347,361       | 47,9                    | 101,971,949 | 90,716,481       | 89,0                    | 404,233    | 179,634          | 40,4                    |
| 1887-88.....                       | 24,278,417  | 13,355,950       | 55,0                    | 65,789,961  | 56,241,168       | 85,3                    | 332,564    | 143,284          | 43,8                    |
| 1888-89.....                       | 69,592,929  | 32,982,277       | 47,4                    | 48,414,129  | 41,652,701       | 89,7                    | 624,226    | 245,562          | 39,3                    |
| 1889-90.....                       | 101,873,711 | 42,659,015       | 41,8                    | 54,287,767  | 45,275,906       | 83,2                    | 13,699,776 | 4,510,053        | 32,9                    |
| 1890-91.....                       | 20,765,213  | 17,659,687       | 87,4                    | 55,131,948  | 51,420,272       | 93,2                    | 355,010    | 405,706          | 42,6                    |
| 1891-92.....                       | 75,451,849  | 40,560,160       | 53,8                    | 167,280,351 | 161,389,139      | 1,02,6                  | 9,335,078  | 3,812,559        | 39,7                    |
| 1892-93.....                       | 46,037,274  | 24,587,511       | 53,4                    | 117,191,109 | 95,534,970       | 79,8                    | 2,280,643  | 951,920          | 42,0                    |
| 1893-94.....                       | 65,324,841  | 30,211,164       | 46,2                    | 88,415,230  | 59,407,041       | 67,2                    | 5,750,966  | 2,027,935        | 35,2                    |
| 1894-95.....                       | 27,691,137  | 14,650,767       | 52,9                    | 76,102,740  | 43,805,663       | 57,5                    | 569,377    | 200,793          | 20,4                    |
| 1895-96.....                       | 99,992,335  | 37,306,812       | 37,8                    | 60,650,080  | 39,709,868       | 65,5                    | 13,012,590 | 3,497,611        | 26,8                    |
| 1896-97.....                       | 175,998,684 | 53,118,736       | 30,1                    | 79,375,372  | 59,782,665       | 75,3                    | 35,077,838 | 8,752,901        | 94,9                    |
| 1897-98.....                       | 206,567,782 | 73,502,237       | 20,7                    | 146,623,250 | 144,272,840      | 98,3                    | 69,20,696  | 20,591,438       | 29,5                    |
| 1898-99.....                       | 174,089,074 | 63,977,448       | 29,6                    | 139,432,815 | 140,369,169      | 75,0                    | 30,309,778 | 9,787,510        | 32,3                    |

# The American Hog.

HOGS PACKED AND MARKETED, YEAR ENDING MARCH 1, 1899.

| CITIES.           | Number of Hogs. | CITIES.                | Number of Hogs. | CITIES.  | Number of Hogs. |
|-------------------|-----------------|------------------------|-----------------|--|-----------------|
| Chicago.....      | 8,016,675       | Cedar Rapids.....      | 483,625         | Buffalo.....   | 447,000         |
| Kansas City.....  | 3,107,053       | Cleveland.....         | 456,624         | Other Places East.....                                 | 185,000         |
| Omaha.....        | 1,977,922       | Louisville.....        | 459,521         | Receipts at New York, Philadelphia, and Baltimore..... | 2,978,000       |
| St. Louis.....    | 1,580,286       | Ottumwa.....           | 702,173         |  |                 |
| Indianapolis..... | 1,098,556       | Nebraska City.....     | 288,816         |  |                 |
| Milwaukee.....    | 1,098,408       | St. Joseph.....        | 1,120,449       |  |                 |
| Sioux City.....   | 397,893         | Detroit.....           | 310,600         |  |                 |
| Cincinnati.....   | 696,059         | Other Places West..... | 764,828         | Total 1899.....  | 29,791,000      |
| St. Paul.....     | 354,455         | Boston.....            | 1,737,000       | " 1898.....  | 26,134,000      |

## DISTRIBUTION OF HOG PRODUCTS EXPORTED FROM THE UNITED STATES.

| COUNTRIES, 1897-98.         | Bacon. Pounds. | Hams. Pounds. | Pork. Pounds. | Total Meats. Pounds. | Lard. Pounds. | Aggregate, 1897-98. | Aggregate, 1896-97. | Aggregate, 1895-96. |
|-----------------------------|----------------|---------------|---------------|----------------------|---------------|---------------------|---------------------|---------------------|
| United Kingdom.....         | 473,201,692    | 153,549,559   | 31,691,732    | 658,443,982          | 241,071,725   | 899,515,708         | 731,256,560         | 661,357,839         |
| France.....                 | 2,370,965      | 1,182,618     | 112,900       | 3,666,483            | 21,207,239    | 24,973,722          | 23,362,350          | 34,494,639          |
| Germany.....                | 61,594,565     | 11,963,631    | 9,617,039     | 73,165,235           | 233,148,779   | 306,950,114         | 197,917,382         | 134,097,526         |
| Belgium.....                | 47,386,442     | 16,461,853    | 2,322,623     | 66,170,918           | 36,251,077    | 102,421,995         | 69,408,122          | 61,835,270          |
| Netherlands.....            | 20,688,357     | 2,607,275     | 9,372,442     | 32,668,074           | 63,663,659    | 56,331,133          | 76,541,487          | 42,578,216          |
| Denmark.....                | 2,204,339      | 387,361       | 413,177       | 3,004,877            | 9,207,095     | 12,211,972          | 5,437,494           | 7,737,998           |
| Sweden and Norway.....      | 5,000,989      | 291,992       | 1,342,679     | 6,635,560            | 5,145,417     | 11,781,997          | 11,912,576          | 9,644,243           |
| Spain.....                  |                | 373           |               | 373                  | 34,179        | 34,552              | 128,008             | 73,345              |
| Italy.....                  | 4,542,777      | 89,482        | 249,931       | 4,882,190            | 8,836,618     | 8,713,078           | 2,510,936           | 850,344             |
| Cuba.....                   | 10,736,382     | 3,532,940     | 267,600       | 14,535,922           | 20,139,515    | 34,676,437          | 40,554,401          | 35,930,821          |
| Haiti.....                  | 1,928          | 135,266       | 8,545,500     | 8,682,764            | 2,279,832     | 10,962,596          | 14,474,343          | 15,668,265          |
| Porto Rico.....             | 406,311        | 602,415       | 3,556,700     | 4,655,706            | 3,009,131     | 8,264,837           | 9,530,145           | 9,804,165           |
| British West Indies.....    | 314,934        | 921,375       | 9,154,558     | 10,391,167           | 2,361,721     | 12,752,888          | 11,778,213          | 15,342,695          |
| Mexico.....                 | 95,100         | 211,471       | 14,679        | 331,250              | 3,402,758     | 3,734,008           | 7,561,321           | 3,781,160           |
| Brazil.....                 | 7,657,354      | 93,016        | 32,300        | 7,922,670            | 15,362,393    | 23,285,079          | 19,483,167          | 32,717,927          |
| Colombia.....               | 18,460         | 156,021       | 154,039       | 328,520              | 2,057,805     | 2,886,283           | 3,254,714           | 2,174,589           |
| Venezuela.....              | 35,848         | 476,578       | 19,890        | 532,321              | 6,728,583     | 7,260,904           | 7,258,636           | 7,740,656           |
| British Guiana.....         | 26,541         | 22,956        | 3,145,900     | 3,395,397            | 376,680       | 3,771,077           | 3,409,058           | 5,725,774           |
| Peru.....                   | 3,454          | 25,038        | 4,070         | 32,472               | 493,047       | 625,539             | 43,161              | 167,553             |
| Quebec, Ontario, etc.*..... | 19,582,020     | 5,551,247     | 11,419,941    | 36,553,208           | 6,332,275     | 42,785,483          | 23,702,153          | 23,870,113          |
| Nova Scotia, etc.....       | 114,232        | 185,177       | 1,275,650     | 1,575,059            | 195,247       | 1,770,306           | 4,080,295           | 4,128,193           |
| Newfoundland, etc.....      | 2,523          | 68,912        | 3,056,200     | 3,116,644            | 161,772       | 3,278,416           | 3,710,432           | 5,157,187           |
| All other.....              | 3,903,570      | 1,541,291     | 4,587,503     | 10,032,454           | 31,396,822    | 41,429,276          | 23,059,317          | 16,527,979          |
| Year, to June 30.....       | 650,108,933    | 200,185,861   | 1,003,357,363 | 950,653,157          | 709,344,015   | 1,659,997,909       | 1,700,731,310       | 1,133,421,167       |
| Value.....                  | \$16,390,918   | \$ 3,937,625  | \$5,722,036   | \$11,090,479         | \$ 9,710,672  | \$110,801,151       | \$32,850,867        | \$3,675,922         |

\* Includes Manitoba, Northwest Territories, and British Columbia.

The tables of statistics of hog products were compiled by the Cincinnati *Price Current*.

The Department of Agriculture reported the following farm animals in the United States on January 1, 1899: Horses, 13,665,307, value, \$511,074,813; mules, 2,134,211, value, \$95,963,261; milch cows, 15,990,115, value, \$474,233,925; oxen and other cattle, 27,994,225, value, \$637,931,135; sheep, 39,114,453, value, \$107,697,550; swine, 38,651,631, value, \$170,109,743.

## Production of Tobacco.

STATEMENT OF PRODUCTION IN THE UNITED STATES IN THE YEAR ENDING JANUARY 1, 1895, FROM THE REPORT OF THE SECRETARY OF AGRICULTURE.

| STATES.            | Acres.  | Pounds.     | Value.     | STATES.            | Acres.  | Pounds.     | Value.       |
|--------------------|---------|-------------|------------|--------------------|---------|-------------|--------------|
| Arkansas.....      | 1,932   | 1,195,908   | \$131,550  | N. Carolina.....   | 63,510  | 42,043,620  | \$3,783,926  |
| Connecticut.....   | 6,731   | 10,176,908  | 1,328,305  | Ohio.....          | 37,493  | 32,468,938  | 1,753,323    |
| Illinois.....      | 2,980   | 1,790,980   | 1,322,533  | Pennsylvania.....  | 21,341  | 26,228,089  | 2,360,528    |
| Indiana.....       | 5,369   | 3,841,952   | 199,782    | Tennessee.....     | 39,300  | 26,724,000  | 2,405,160    |
| Kentucky.....      | 236,927 | 183,618,425 | 10,039,013 | Virginia.....      | 54,592  | 35,593,984  | 2,135,639    |
| Maryland.....      | 11,822  | 7,010,380   | 420,623    | West Virginia..... | 3,737   | 2,634,585   | 263,459      |
| Massachusetts..... | 2,323   | 3,449,655   | 344,966    | Wisconsin.....     | 18,066  | 14,669,592  | 792,158      |
| Missouri.....      | 11,581  | 8,296,749   | 7,500,004  |                    |         |             |              |
| New York.....      | 5,530   | 6,934,620   | 554,770    | Total.....         | 523,103 | 406,678,385 | \$27,760,739 |

Estimate for 1896 by the Department of Agriculture: Area, 595,000 acres; product, 403,004,000 pounds; value, \$24,258,000; yield per acre, 678 pounds. This is the last year that an estimate has been made by the Department.

## Dairy Products.

EXPORTS OF DAIRY PRODUCTS FROM THE UNITED STATES, 1897-99.

| FISCAL YEARS. | BUTTER.             |             | CHEESE.             |             |
|---------------|---------------------|-------------|---------------------|-------------|
|               | Quantities, Pounds. | Values.     | Quantities, Pounds. | Values.     |
| 1897.....     | 31,345,224          | \$4,493,364 | 50,944,617          | \$4,636,063 |
| 1898.....     | 25,690,025          | 3,864,765   | 53,167,280          | 4,559,324   |
| 1899.....     | 20,247,997          | 3,263,951   | 38,198,753          | 3,316,049   |

The production of butter and cheese in the United States in the last census year was 1,220,000,000 pounds. This was a third of the production of the whole world.

Statistics of Wool in the United States.

| Year Ending June 30 | Production.    | Imports.    | Total Production and Imports. | Domestic Wool Exported. | Foreign Wool Exported. | Total Wool Exported. | Retained for Home Consumption. | Per Ct Im-ported |
|---------------------|----------------|-------------|-------------------------------|-------------------------|------------------------|----------------------|--------------------------------|------------------|
|                     | (a)<br>Pounds. | Pounds.     | Pounds.                       | Pounds.                 | Pounds.                | Pounds.              | Pounds.                        |                  |
| 1870..              | 162,000,000    | 49,230,199  | 211,230,199                   | 152,892                 | 1,710,053              | 1,862,945            | 209,367,254                    | 23.3             |
| 1880..              | 232,500,000    | 128,131,747 | 360,631,747                   | 191,551                 | 3,648,520              | 3,840,071            | 356,791,676                    | 35.5             |
| 1881..              | 240,000,000    | 55,964,236  | 295,964,236                   | 71,455                  | 5,507,534              | 5,578,989            | 290,385,247                    | 18.9             |
| 1882..              | 272,000,000    | 67,861,744  | 339,861,744                   | 116,179                 | 3,831,836              | 3,948,015            | 335,913,729                    | 20.0             |
| 1883..              | 290,000,000    | 70,575,478  | 360,575,478                   | 64,474                  | 4,010,403              | 4,074,517            | 356,500,961                    | 19.7             |
| 1884..              | 300,000,000    | 78,550,651  | 378,550,651                   | 10,393                  | 2,304,701              | 2,315,093            | 396,035,558                    | 20.8             |
| 1885..              | 308,000,000    | 70,596,170  | 378,596,170                   | 88,000                  | 3,115,339              | 3,203,345            | 375,892,825                    | 18.8             |
| 1886..              | 302,000,000    | 129,084,958 | 431,084,958                   | 2,138,080               | 6,534,426              | 8,672,506            | 422,412,452                    | 30.6             |
| 1887..              | 285,000,000    | 114,038,030 | 399,038,030                   | 257,940                 | 6,728,292              | 6,986,232            | 392,051,998                    | 29.1             |
| 1888..              | 269,000,000    | 113,553,753 | 382,553,753                   | 22,164                  | 4,359,731              | 4,381,895            | 378,176,858                    | 30.0             |
| 1889..              | 265,000,000    | 126,487,929 | 391,487,929                   | 141,576                 | 3,263,094              | 3,404,670            | 388,083,059                    | 31.7             |
| 1890..              | 276,000,000    | 105,431,285 | 381,431,285                   | 231,042                 | 3,288,467              | 3,519,509            | 377,911,776                    | 28.4             |
| 1891..              | 285,000,000    | 129,303,648 | 414,303,648                   | 292,922                 | 2,638,123              | 2,931,045            | 402,372,603                    | 31.8             |
| 1892..              | 294,000,000    | 148,760,652 | 442,760,652                   | 202,456                 | 3,007,563              | 3,210,019            | 439,460,633                    | 33.6             |
| 1893..              | 303,000,000    | 172,435,838 | 475,435,838                   | 91,858                  | 4,218,637              | 4,310,495            | 471,123,343                    | 36.2             |
| 1894..              | 298,000,000    | 155,152,558 | 453,152,558                   | 520,217                 | 5,977,407              | 6,494,654            | 346,654,904                    | 15.6             |
| 1895..              | 310,000,000    | 206,033,906 | 516,033,906                   | 4,279,109               | 2,343,081              | 6,622,190            | 509,411,716                    | 39.8             |
| 1896..              | 273,000,000    | 230,911,473 | 503,911,473                   | 6,945,981               | 6,028,236              | 12,972,217           | 490,939,256                    | 46.0             |
| 1897(b)             | 259,153,251    | 350,852,026 | 610,005,277                   | 5,271,535               | 3,429,063              | 8,700,598            | 601,304,679                    | 57.8             |
| 1898(b)             | 266,720,684    | 132,795,302 | 399,515,986                   | 121,139                 | 2,504,832              | 2,625,971            | 396,890,015                    | 32.8             |
| 1899(b)             | 272,191,330    | 76,736,209  | 348,927,539                   | 1,683,419               | 12,411,916             | 14,095,335           | 334,832,204                    | 19.2             |

(a) Calendar year, estimates of Department of Agriculture.

(b) Estimates of National Association of Wool Manufacturers, Boston, Mass.

THE WORLD'S PRODUCTION OF WOOL IN 1899.

(Estimated for THE WORLD ALMANAC from the latest returns by the National Association of Wool Manufacturers.)

| COUNTRIES.                        | Pounds.     | COUNTRIES.                       | Pounds.     | COUNTRIES.                             | Pounds.       |
|-----------------------------------|-------------|----------------------------------|-------------|--|---------------|
| North America:                    |             | Europe:                          |             | Asia—Continued:                        |               |
| United States.....                | 272,191,330 | Great Britain and Ireland*.....  | 138,392,215 | Asiatic Turkey.....                    | 39,000,000    |
| British Provinces.....            | 12,000,000  | France.....                      | 103,610,000 | China.....                             | 35,000,000    |
| Mexico.....                       | 5,000,000   | Spain.....                       | 102,600,000 | All other Asia.....                    | 15,000,000    |
| Total.....                        | 289,191,330 | Portugal.....                    | 13,410,000  | Total.....                             | 280,000,000   |
|                                   |             | Germany.....                     | 49,590,000  |  |               |
| Central America and West Indies.. | 5,000,000   | Italy*.....                      | 21,451,000  | Africa:                                |               |
|                                   |             | Austria-Hungary..                | 64,300,000  | Algeria and Tunis..                    | 30,425,000    |
| South America:                    |             | Russia, inc. Poland.             | 361,100,000 | Cape Colony, Natal, Orange Free State. | 105,000,000   |
| Argentina.....                    | 370,000,000 | Sweden & Norway.                 | 8,200,000   | Egypt.....                             | 3,000,000     |
| Brazil.....                       | 1,500,000   | Turkey and Balkan Peninsula..... | 67,500,000  | All other Africa....                   | 1,000,000     |
| Chile.....                        | 7,500,000   | All other Europe..               | 14,000,000  | Total.....                             | 139,425,000   |
| Uruguay.....                      | 90,000,000  | Total Europe.....                | 944,153,215 |  |               |
| Venezuela.....                    | 15,000,000  | Asia:                            |             | Australasia.....                       | 520,000,000   |
| All other South America.....      | 20,000,000  | Russia.....                      | 60,000,000  | Oceania.....                           | 50,000,000    |
| Total.....                        | 504,000,000 | Central Asia.....                | 46,000,000  | Grand total.....                       | 2,681,819,545 |
|                                   |             | British India.....               | 85,000,000  |  |               |

\* Fleece washed. Great Britain and Ireland, product of 1898. † Washed and unwashed.

THE WORLD'S WOOL SUPPLY SINCE 1860.

| COUNTRIES.               | 1860. Pounds. | 1870. Pounds. | 1880. Pounds. | 1898. Pounds. | 1899. Pounds. |
|--------------------------|---------------|---------------|---------------|---------------|---------------|
| United Kingdom.....      | 140,000,000   | 150,000,000   | 149,000,000   | *138,657,440  | *138,392,215  |
| Continent of Europe..... | 500,000,000   | 485,000,000   | 450,000,000   | 805,761,000   | 805,761,000   |
| North America.....       | 110,000,000   | 176,000,000   | 270,000,000   | 283,720,684   | 289,191,330   |
| Australasia.....         | 60,000,000    | 175,000,000   | 308,000,000   | 533,000,000   | 520,000,000   |
| Cape Good Hope.....      | 26,000,000    | 43,000,000    | 60,000,000    | 105,000,000   | 105,000,000   |
| River Plate.....         | 43,000,000    | 197,000,000   | 256,000,000   | 460,000,000   | 460,000,000   |
| Other countries.....     | 76,000,000    | 69,000,000    | 133,000,000   | 363,475,000   | 363,475,000   |
| Grand totals.....        | 955,000,000   | 1,295,000,000 | 1,626,000,000 | 2,689,614,124 | 2,681,819,545 |

\* Returns of the United Kingdom are for the preceding year.

SHEEP IN THE UNITED STATES, JANUARY 1.

|                             | 1896.      | 1897.      | 1898.      | 1899.       |
|-----------------------------|------------|------------|------------|-------------|
| Number.....                 | 38,298,783 | 36,818,643 | 37,656,960 | 39,114,453  |
| Average price per head..... | \$1.70     | \$1.82     | \$2.46     | \$2.75      |
| Total value.....            | 65,167,735 | 67,020,942 | 92,721,133 | 107,697,630 |

THE WORLD ALMANAC is indebted for the wool statistics of 1897, 1898, and 1899 to the National Association of Wool Manufacturers, Boston, Mass., S. N. D. North, Secretary.

## The Cotton Supply.

## CROP OF THE UNITED STATES FOR SEVENTY-ONE YEARS.

The following statements are furnished by the New York "Commercial and Financial Chronicle":

| YEAR.     | Bales.    | YEAR.     | Bales.    | YEAR.     | Bales.    | YEAR.     | Bales.     |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| 1829..... | 870,415   | 1846..... | 2,100,537 | 1863..... | 2,103,987 | 1883..... | 6,992,234  |
| 1830..... | 976,845   | 1847..... | 1,778,651 | 1864..... | 2,019,774 | 1884..... | 5,714,052  |
| 1831..... | 1,038,848 | 1848..... | 2,347,634 | 1865..... | 2,593,993 | 1885..... | 5,699,021  |
| 1832..... | 987,487   | 1849..... | 2,728,596 | 1866..... | 2,439,039 | 1886..... | 6,550,215  |
| 1833..... | 1,070,438 | 1850..... | 2,096,706 | 1870..... | 3,154,946 | 1887..... | 6,513,624  |
| 1834..... | 1,205,324 | 1851..... | 2,355,257 | 1871..... | 4,352,317 | 1888..... | 7,017,707  |
| 1835..... | 1,254,326 | 1852..... | 3,015,029 | 1872..... | 2,974,351 | 1889..... | 6,955,082  |
| 1836..... | 1,360,752 | 1853..... | 3,262,882 | 1873..... | 3,930,508 | 1890..... | 7,313,726  |
| 1837..... | 1,422,930 | 1854..... | 2,930,027 | 1874..... | 4,170,388 | 1891..... | 8,655,518  |
| 1838..... | 1,801,497 | 1855..... | 2,847,339 | 1875..... | 3,832,991 | 1892..... | 9,038,707  |
| 1839..... | 1,360,532 | 1856..... | 3,527,845 | 1876..... | 4,609,286 | 1893..... | 6,717,142  |
| 1840..... | 2,177,835 | 1857..... | 2,939,519 | 1877..... | 4,485,423 | 1894..... | 7,527,211  |
| 1841..... | 1,634,945 | 1858..... | 3,115,962 | 1878..... | 4,811,265 | 1895..... | 9,892,766  |
| 1842..... | 1,683,574 | 1859..... | 3,851,481 | 1879..... | 5,073,531 | 1896..... | 5,762,473  |
| 1843..... | 2,378,875 | 1860..... | 4,669,770 | 1880..... | 5,757,397 | 1897..... | 8,114,011  |
| 1844..... | 2,030,400 | 1861..... | 3,656,006 | 1881..... | 6,589,329 | 1898..... | 11,180,960 |
| 1845..... | 2,894,503 | 1862-1865 | No record | 1882..... | 5,435,845 | 1899..... | 11,255,383 |

The returns are for the years ending September 1. The average net weight, per bale, for 1899 is 487 pounds.

## EXPORTS AND DOMESTIC CONSUMPTION OF AMERICAN COTTON.

|                      | 1898-99.   | 1897-98.   | 1896-97.  | 1895-96.  | 1894-95.  | 1893-94.  | 1892-93.  | 1891-92.  |
|----------------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|
|                      | Bales.     | Bales.     | Bales.    | Bales.    | Bales.    | Bales.    | Bales.    | Bales.    |
| Exp. to Europe.....  | 7,146,009  | 7,270,598  | 5,874,922 | 4,565,014 | 6,630,272 | 5,183,645 | 4,354,790 | 5,815,365 |
| U.S., Can., etc..... | 4,030,448  | 3,459,126  | 3,057,395 | 2,843,708 | 3,081,825 | 2,508,850 | 2,786,077 | 2,832,908 |
| Total.....           | 11,176,457 | 10,730,024 | 8,932,317 | 7,408,722 | 9,712,157 | 7,692,495 | 7,140,867 | 8,648,273 |

## COTTON CONSUMPTION OF THE WORLD.

| CONSUMPTION, BALES,<br>500 LBS. | Great<br>Britain. | Continent. | United<br>States. | India.    | All Others. | Total<br>World. |
|---------------------------------|-------------------|------------|-------------------|-----------|-------------|-----------------|
| 1886-87.....                    | 2,955,000         | 2,912,000  | 1,938,000         | 570,000   | .....       | 8,375,000       |
| 1887-88.....                    | 3,073,000         | 3,037,000  | 2,024,000         | 617,000   | .....       | 8,751,000       |
| 1888-89.....                    | 3,016,000         | 3,256,000  | 2,148,000         | 697,000   | .....       | 9,117,000       |
| 1889-90.....                    | 3,227,000         | 3,432,000  | 2,185,000         | 791,000   | .....       | 9,635,000       |
| 1890-91.....                    | 3,384,000         | 3,631,000  | 2,367,000         | 924,000   | 150,000     | 10,456,000      |
| 1891-92.....                    | 3,181,000         | 3,619,000  | 2,576,000         | 914,000   | 160,000     | 10,450,000      |
| 1892-93.....                    | 2,866,000         | 3,661,000  | 2,551,000         | 918,000   | 220,000     | 10,216,000      |
| 1893-94.....                    | 3,233,000         | 3,827,000  | 2,264,000         | 959,000   | 250,000     | 10,533,000      |
| 1894-95.....                    | 3,250,000         | 4,030,000  | 2,743,000         | 1,074,000 | 300,000     | 11,397,000      |
| 1895-96.....                    | 3,276,000         | 4,160,000  | 2,572,000         | 1,105,000 | 419,000     | 11,532,000      |
| 1896-97.....                    | 3,224,000         | 4,368,000  | 2,738,000         | 1,004,000 | 488,000     | 11,822,000      |
| 1897-98.....                    | 3,432,000         | 4,628,000  | 2,962,000         | 1,141,000 | 713,000     | 12,876,000      |
| 1898-99.....                    | 3,519,000         | 4,836,000  | 3,553,000         | 1,297,000 | 727,000     | 13,932,000      |

NOTE.—The above does not include American cotton consumed in Canada, Mexico, and burnt.

## SOURCES OF COTTON SUPPLY, 1899-1900.

The following shows the actual requirements in 1898-99 and the estimate of Ellison & Co. for 1899-1900:

|                       | 1899-1900.            | 1898-99.               | 1897-98.               |
|-----------------------|-----------------------|------------------------|------------------------|
|                       | Total Esti-<br>mated. | Total Actual<br>Bales. | Total Actual<br>Bales. |
| America.....          | 10,232,000            | 10,677,000             | 9,926,000              |
| East Indies.....      | 500,000               | 800,000                | 641,000                |
| Other Countries.....  | 1,025,000             | 866,000                | 974,000                |
| Total.....            | 11,757,000            | 12,343,000             | 11,541,000             |
| Average Weight.....   | 497.5                 | 494.2                  | 491.3                  |
| Bales of 500 lbs..... | 11,700,000            | 12,200,000             | 11,339,000             |

## SPINDLES IN OPERATION.

|                    | 1899.       | 1898.      | 1897.      | 1896.      | 1895.      | 1894.      |
|--------------------|-------------|------------|------------|------------|------------|------------|
| Great Britain..... | 45,400,000  | 44,900,000 | 44,900,000 | 44,900,000 | 45,400,000 | 45,270,000 |
| Continent.....     | 32,500,000  | 31,350,000 | 30,320,000 | 29,350,000 | 28,250,000 | 27,350,000 |
| United States..... | 17,983,000  | 17,570,000 | 17,356,000 | 16,811,000 | 16,133,000 | 15,841,000 |
| East Indies.....   | 4,200,000   | 4,100,000  | 4,000,000  | 3,933,000  | 3,810,000  | 3,650,000  |
| Total.....         | 100,083,000 | 97,920,000 | 96,576,000 | 94,994,000 | 93,593,000 | 92,111,000 |



THE COTTON SUPPLY—Continued.

THE COTTON CROP OF THE UNITED STATES BY STATES.

The following compilation by the *Commercial and Financial Chronicle* covers estimates for the seven seasons from 1892 to 1899.

| STATES.             | 1892-93.  | 1893-94.  | 1894-95.  | 1895-96.  | 1896-97.  | 1897-98.   | 1898-99.   |
|---------------------|-----------|-----------|-----------|-----------|-----------|------------|------------|
|                     | Bales.    | Bales.    | Bales.    | Bales.    | Bales.    | Bales.     | Bales.     |
| North Carolina..... | 388,000   | 447,000   | 465,000   | 350,000   | 400,000   | 476,000    | 480,000    |
| South Carolina..... | 587,000   | 675,000   | 770,000   | 670,000   | 776,000   | 956,000    | 960,000    |
| Georgia.....        | 984,000   | 1,046,000 | 1,250,000 | 1,060,000 | 1,300,000 | 1,445,000  | 1,448,000  |
| Florida.....        | 45,000    | 56,000    | 65,000    | 50,000    | 65,000    | 65,000     | 54,000     |
| Alabama.....        | 660,000   | 792,000   | 1,000,000 | 810,000   | 996,000   | 1,147,000  | 1,161,000  |
| Mississippi.....    | 851,000   | 1,021,000 | 1,220,000 | 900,000   | 1,110,000 | 1,808,000  | 1,776,000  |
| Louisiana.....      | 509,000   | 529,000   | 650,000   | 375,000   | 547,000   | 660,000    | 577,000    |
| Texas.....          | 1,850,000 | 1,966,000 | 2,994,000 | 1,900,000 | 2,229,000 | 3,008,000  | 3,143,000  |
| Arkansas.....       | 574,000   | 632,000   | 875,000   | 630,000   | 771,000   | 905,000    | 921,000    |
| Tennessee.....      | 255,000   | 280,000   | 400,000   | 260,000   | 337,000   | 360,000    | 381,000    |
| All others.....     | 64,000    | 83,000    | 203,000   | 157,000   | 183,000   | 351,000    | 334,000    |
| Total crop.....     | 6,717,000 | 7,527,000 | 9,892,000 | 7,162,000 | 8,714,000 | 11,181,000 | 11,235,000 |

Sugar Production.

MULHALL gives the following estimates of the production of cane and beet sugar in the world in English tons:

| YEARS.  | Cane.     |         |           | Beet.   |           |           | Total.    |         |           |           |           |
|---------|-----------|---------|-----------|---------|-----------|-----------|-----------|---------|-----------|-----------|-----------|
|         | Tons.     | Tons.   | Tons.     | Tons.   | Tons.     | Tons.     | Tons.     | Tons.   |           |           |           |
| 1840... | 1,100,000 | 50,000  | 1,150,000 | 1870... | 1,850,000 | 900,000   | 2,750,000 | 1894... | 3,250,000 | 3,790,000 | 7,050,000 |
| 1850... | 1,300,000 | 200,000 | 1,400,000 | 1880... | 1,800,000 | 1,310,000 | 3,670,000 | 1897... | 2,430,000 | 4,780,000 | 7,210,000 |
| 1860... | 1,830,000 | 400,000 | 2,230,000 | 1889... | 2,580,000 | 2,780,000 | 5,360,000 | 1898... | 2,850,000 | 4,650,000 | 7,500,000 |

Mulhall gives the following statistics: The five principal countries that produce beet sugar are as follows, in tons, the report being for 1897: Germany, 1,840,000; Austria, 930,000; France, 700,000; Russia, 700,000; Belgium, 280,000. Other countries produced 330,000 tons.

Willett & Gray's circular reports the following production of tons of beet sugar in the United States, by States, in 1898: New York, 3,200; Illinois, 3,400; Michigan, 32,000; Minnesota, 3,600; Nebraska, 9,200; New Mexico, 2,000; Colorado, 3,000; Utah, 7,500; Oregon, 1,800; Washington, 2,000; California, 54,000; total, 122,000. The ton in the above statement is the long crie—2,240 pounds.

The estimate by Licht of cane sugar production in the countries of the world in the season of 1898-94 was, in metric tons, as follows: Cuba, 850,000; Java, 480,000; United States, 265,000; Philippine Islands, 265,000; Brazil, 260,000; Hawaiian Islands, 135,000; Mauritius, 135,000; Demerara, 110,000; Egypt, 70,000; Barbadoes, 65,000; Peru, 65,000; Porto Rico, 60,000; Trinidad, 50,000; Guadeloupe, 40,000; Reunion, 37,000; Martinique, 32,000; Jamaica, 25,000; Lesser Antilles, 25,000; total, 2,950,000 metric tons.

Mulhall gives consumption of sugar of all kinds in various countries per inhabitant as: Great Britain, 83 pounds; United States, 63 pounds; Germany, 31 pounds; France, 28 pounds; Belgium, 27 pounds; Austria, 17 pounds; Russia, 15 pounds.

CANE SUGAR AND MOLASSES PRODUCED IN THE UNITED STATES, VARIOUS YEARS, FROM 1872 TO 1898.

(Prepared by the Bureau of Statistics of the Treasury Department.)

| YEAR.          | SUGAR.      |                        |             |            | MOLASSES.  |                        |            |
|----------------|-------------|------------------------|-------------|------------|------------|------------------------|------------|
|                | Louisiana.  | Other Southern States. | Total.      |            | Louisiana. | Other Southern States. | Total.     |
|                | Pounds.     | Pounds.                | Pounds.     | Long Tons. | Gallons.   | Gallons.               | Gallons.   |
| 1872-1873..... | 125,346,493 | 9,486,000              | 134,832,493 | 60,193     | 8,888,640  | 601,000                | 9,489,640  |
| 1879-1880..... | 198,962,273 | 8,688,000              | 207,650,273 | 92,802     | 12,189,190 | 1,211,000              | 13,400,190 |
| 1889-1890..... | 287,490,271 | 18,276,000             | 305,766,271 | 136,503    | 18,431,988 | 3,960,000              | 22,391,988 |
| 1893-1894..... | 595,473,374 | 15,352,244             | 610,825,618 | 272,913    | 18,469,559 | 4,439,197              | 22,908,726 |
| 1894-1895..... | 710,827,433 | 18,565,123             | 729,392,556 | 325,621    | 28,334,513 | 9,282,513              | 37,617,074 |
| 1895-1896..... | 532,484,452 | 11,139,074             | 543,623,526 | 242,693    | 21,663,410 | 5,569,547              | 27,232,957 |
| 1896-1897..... | 631,699,561 | 12,475,792             | 644,175,353 | 267,578    | 20,350,130 | 6,586,927              | 27,707,057 |
| 1897-1898..... | 695,101,873 | 12,850,000             | 707,951,878 | 316,183    | 22,241,510 | 7,093,634              | 29,335,141 |

SUGAR CONSUMED IN THE UNITED STATES, VARIOUS YEARS FROM 1884 TO 1898.

(Prepared by the Bureau of Statistics of the Treasury Department.)

| CALENDAR YEAR. | DOMESTIC PRODUCT.                  |                                      |         |        |        |                    |           | Consumption per Capita. |
|----------------|------------------------------------|--------------------------------------|---------|--------|--------|--------------------|-----------|-------------------------|
|                | Refined Product of Imported Sugar. | Manufactured from Imported Molasses. | Cane.   | Maple. | Beet.  | Sorghum and Other. | Total.    |                         |
|                | Tons.                              | Tons.                                | Tons.   | Tons.  | Tons.  | Tons.              | Tons.     |                         |
| 1884.....      | 1,098,080                          | 50,000                               | 135,243 | 25,000 | 737    | 313                | 1,309,383 | 52.4                    |
| 1890.....      | 1,257,292                          | 53,282                               | 136,503 | 25,000 | 2,800  | 1,500              | 1,476,377 | 62.8                    |
| 1894.....      | 1,700,635                          | 15,000                               | 271,338 | 5,000  | 20,443 | 300                | 2,012,714 | 66.0                    |
| 1895.....      | 1,572,438                          | 15,000                               | 324,506 | 5,000  | 30,000 | 300                | 1,849,744 | 62.6                    |
| 1896.....      | 1,670,863                          | 603                                  | 243,220 | 5,000  | 40,000 | 200                | 1,960,086 | 61.6                    |
| 1897.....      | 1,760,807                          | 150                                  | 289,009 | 5,000  | 41,347 | 200                | 2,096,263 | 64.5                    |
| 1898.....      | 1,638,937                          | 1,700                                | 317,447 | 5,000  | 33,960 | 300                | 1,997,344 | ....                    |

## Farms and Value of Farm Products

IN THE UNITED STATES, CENSUS OF 1890.

| STATES AND TERRITORIES.     | Total Number of Farms. | Acres in Farms.    | Estimated Value of Farm Products, 1889. | STATES AND TERRITORIES.    | Total Number of Farms. | Acres in Farms.    | Estimated Value of Farm Products, 1889. |
|-----------------------------|------------------------|--------------------|---|----------------------------|------------------------|--------------------|---|
| Maine.....                  | 62,013                 | 6,179,925          | \$22,049,320                            | South Dakota.....          | 50,158                 | 11,396,460         | 22,047,279                              |
| New Hampshire.....          | 29,151                 | 3,459,018          | 13,761,050                              | Nebraska.....              | 113,698                | 21,593,444         | 66,837,617                              |
| Vermont.....                | 32,573                 | 4,395,646          | 20,364,980                              | Kansas.....                | 166,617                | 30,214,456         | 95,070,080                              |
| Massachusetts.....          | 34,374                 | 2,998,282          | 28,072,500                              | <b>N. Central Div.....</b> | <b>1,923,822</b>       | <b>256,586,994</b> | <b>\$1,112,949,820</b>                  |
| Rhode Island.....           | 5,500                  | 469,281            | 4,218,300                               | Kentucky.....              | 179,264                | 21,412,229         | 65,948,485                              |
| Connecticut.....            | 26,350                 | 2,253,432          | 17,924,310                              | Tennessee.....             | 174,412                | 20,161,583         | 55,194,181                              |
| New York.....               | 226,223                | 21,961,562         | 161,593,009                             | Alabama.....               | 157,772                | 19,853,000         | 66,240,190                              |
| New Jersey.....             | 30,828                 | 2,662,009          | 28,997,349                              | Mississippi.....           | 144,318                | 17,572,547         | 73,342,995                              |
| Pennsylvania.....           | 211,557                | 18,364,370         | 121,328,348                             | Louisiana.....             | 69,294                 | 9,544,219          | 54,343,953                              |
| <b>N. Atlantic Div.....</b> | <b>658,569</b>         | <b>62,743,525</b>  | <b>\$418,309,066</b>                    | Texas.....                 | 228,126                | 51,406,937         | 111,699,430                             |
| Delaware.....               | 9,381                  | 1,055,692          | 6,481,590                               | Oklahoma.....              | 8,826                  | 1,606,423          | 440,375                                 |
| Maryland.....               | 40,798                 | 4,952,390          | 26,445,364                              | Arkansas.....              | 124,760                | 14,991,356         | 53,128,155                              |
| Dist. of Columbia.....      | 382                    | 11,745             | 375,070                                 | <b>S. Central Div.....</b> | <b>1,086,772</b>       | <b>156,448,294</b> | <b>\$480,337,764</b>                    |
| Virginia.....               | 127,600                | 19,104,951         | 42,244,458                              | Montana.....               | 5,603                  | 1,964,197          | 6,273,415                               |
| West Virginia.....          | 72,773                 | 10,321,326         | 20,439,000                              | Wyoming.....               | 3,125                  | 1,830,432          | 2,241,590                               |
| North Carolina.....         | 178,359                | 22,651,896         | 50,070,530                              | Colorado.....              | 16,289                 | 4,598,941          | 13,136,810                              |
| South Carolina.....         | 115,008                | 13,184,652         | 51,337,985                              | New Mexico.....            | 4,458                  | 787,882            | 1,784,820                               |
| Georgia.....                | 171,071                | 25,200,435         | 83,371,482                              | Arizona.....               | 1,426                  | 1,297,033          | 1,045,970                               |
| Florida.....                | 34,228                 | 3,674,486          | 12,086,330                              | Utah.....                  | 10,517                 | 1,233,705          | 4,891,460                               |
| <b>S. Atlantic Div.....</b> | <b>749,600</b>         | <b>100,157,573</b> | <b>\$292,847,809</b>                    | Nevada.....                | 1,277                  | 1,661,416          | 2,705,660                               |
| Ohio.....                   | 251,430                | 23,352,408         | 133,232,498                             | Idaho.....                 | 6,603                  | 1,302,256          | 3,848,930                               |
| Indiana.....                | 198,167                | 20,362,516         | 94,759,262                              | Washington.....            | 18,056                 | 4,179,190          | 13,674,950                              |
| Illinois.....               | 240,681                | 30,498,277         | 184,759,013                             | Oregon.....                | 25,230                 | 6,909,888          | 19,026,120                              |
| Michigan.....               | 172,344                | 14,785,636         | 83,651,390                              | California.....            | 52,894                 | 21,427,293         | 87,823,290                              |
| Wisconsin.....              | 146,409                | 16,787,988         | 70,990,645                              | <b>Western Div.....</b>    | <b>145,878</b>         | <b>47,282,223</b>  | <b>\$155,662,995</b>                    |
| Minnesota.....              | 116,851                | 18,663,645         | 71,238,230                              | <b>Grand total.....</b>    | <b>4,564,641</b>       | <b>623,218,619</b> | <b>2,460,107,454</b>                    |
| Iowa.....                   | 201,903                | 30,491,541         | 159,347,844                             |                            |                        |                    |   |
| Missouri.....               | 238,043                | 30,780,290         | 109,751,024                             |                            |                        |                    |   |
| North Dakota.....           | 27,611                 | 7,660,233          | 21,264,938                              |                            |                        |                    |   |

## Statistics of Real Estate Mortgages.

NUMBER AND AMOUNT OF REAL ESTATE MORTGAGES IN FORCE JANUARY 1, 1890,  
BY STATES AND TERRITORIES.

(Compiled from the Census Report of 1890.)

| STATES AND TERRITORIES.   | Number. | Amount.      | STATES AND TERRITORIES. | Number.          | Amount.                |
|---------------------------|---------|--------------|-------------------------|------------------|------------------------|
| Alabama.....              | 35,732  | \$39,027,983 | Nebraska.....           | 155,377          | \$132,902,322          |
| Arizona.....              | 1,474   | 2,348,519    | Nevada.....             | 1,256            | 2,194,995              |
| Arkansas.....             | 25,138  | 14,366,595   | New Hampshire.....      | 25,189           | 18,968,259             |
| California.....           | 112,637 | 241,050,181  | New Jersey.....         | 141,704          | 232,565,919            |
| Colorado.....             | 54,600  | 85,058,793   | New Mexico.....         | 1,523            | 6,644,673              |
| Connecticut.....          | 57,996  | 79,921,071   | New York.....           | 579,472          | 1,607,874,301          |
| Delaware.....             | 9,641   | 16,122,693   | North Carolina.....     | 47,404           | 21,471,428             |
| District of Columbia..... | 23,923  | 51,986,589   | North Dakota.....       | 38,767           | 25,777,480             |
| Florida.....              | 20,681  | 15,505,119   | Ohio.....               | 271,055          | 259,842,188            |
| Georgia.....              | 48,519  | 27,387,590   | Oregon.....             | 22,553           | 22,928,437             |
| Idaho.....                | 3,143   | 3,167,249    | Pennsylvania.....       | 518,165          | 613,105,802            |
| Illinois.....             | 297,233 | 384,299,153  | Rhode Island.....       | 20,999           | 36,778,243             |
| Indiana.....              | 171,420 | 110,730,640  | South Carolina.....     | 27,065           | 13,780,302             |
| Iowa.....                 | 252,559 | 199,774,171  | South Dakota.....       | 60,221           | 36,115,773             |
| Kansas.....               | 298,884 | 243,146,826  | Tennessee.....          | 39,470           | 40,421,396             |
| Kentucky.....             | 60,284  | 45,693,749   | Texas.....              | 95,877           | 93,864,178             |
| Louisiana.....            | 20,372  | 28,513,900   | Utah.....               | 5,908            | 8,040,829              |
| Maine.....                | 58,851  | 32,627,208   | Vermont.....            | 34,388           | 27,907,687             |
| Maryland.....             | 53,908  | 64,577,803   | Virginia.....           | 34,192           | 28,691,726             |
| Massachusetts.....        | 178,202 | 323,277,668  | Washington.....         | 29,632           | 44,078,449             |
| Michigan.....             | 222,761 | 150,472,700  | West Virginia.....      | 29,357           | 19,702,505             |
| Minnesota.....            | 195,580 | 197,745,989  | Wisconsin.....          | 164,826          | 121,838,168            |
| Mississippi.....          | 39,767  | 19,075,980   | Wyoming.....            | 3,028            | 4,967,065              |
| Missouri.....             | 192,028 | 214,609,772  | <b>Total.....</b>       | <b>4,777,608</b> | <b>\$6,019,679,985</b> |
| Montana.....              | 5,937   | 8,729,907    |                         |                  |                        |

## Fisheries of the United States.

Value of the Fishing Industry, Census Year 1890, by States.

Alabama, \$154,371; Alaska, \$2,410,848; California, \$3,044,731; Connecticut, \$1,871,413; Delaware, \$250,865; Florida, \$1,539,869; Georgia, \$123,563; Illinois, \$23,836; Indiana, \$21,693; Louisiana, \$681,284; Maine, \$2,225,806; Maryland and District of Columbia, \$6,460,759; Massachusetts, \$7,551,194; Michigan, \$994,005; Minnesota, \$6,238; Mississippi, \$245,699; New Hampshire, \$91,481; New Jersey, \$3,626,890; New York, \$5,041,259; North Carolina, \$1,027,669; Ohio, \$618,683; Oregon, \$868,406; Pennsylvania, \$495,163; Rhode Island, \$725,675; South Carolina, \$202,602; Texas, \$313,532; Virginia, \$3,641,282; Washington, \$994,940; Wisconsin, \$399,272. Total, \$45,312,818.

# Production of Liquors and Wines in the United States.

## PRODUCTION OF FERMENTED LIQUORS AND DISTILLED SPIRITS.

| YEAR ENDING JUNE 30. | Production of Distilled Spirits, Exclusive of Brandy Distilled from Fruit. |                  |              |            |           |           |                       | Production of Fruit Brandy.† | Total Production of Distilled Spirits.‡ |
|----------------------|--|------------------|--------------|------------|-----------|-----------|-----------------------|------------------------------|---|
|                      | Fermented Liquors.   | Bourbon Whiskey. | Rye Whiskey. | Alcohol.   | Rum.      | Gin.      | Pure Neutral Spirits. |                              |   |
|                      |  | Barrels.*        | Gallons.     | Gallons.   | Gallons.  | Gallons.  | Gallons.              |                              |   |
| 1879.....            | 11,103,084   | 8,587,081        | 4,001,048    | 19,594,283 | 2,242,455 | 372,776   | 13,459,458            | 935,752                      | 72,888,333                              |
| 1880.....            | 13,347,111   | 15,414,148       | 6,341,991    | 21,631,009 | 2,439,201 | 394,668   | 20,667,975            | 1,023,147                    | 91,378,417                              |
| 1881.....            | 14,311,028   | 33,632,615       | 9,931,609    | 22,988,969 | 2,118,506 | 549,696   | 23,556,608            | 1,789,861                    | 119,598,011                             |
| 1882.....            | 16,952,085   | 29,575,667       | 9,224,777    | 15,201,871 | 1,704,084 | 569,134   | 21,871,293            | 1,430,054                    | 107,283,215                             |
| 1883.....            | 17,757,892   | 8,662,245        | 4,784,654    | 10,718,706 | 1,801,960 | 545,768   | 28,295,253            | 1,281,202                    | 75,294,510                              |
| 1884.....            | 18,993,619   | 8,896,832        | 5,069,958    | 12,385,229 | 1,711,158 | 641,724   | 28,538,680            | 1,095,428                    | 76,531,267                              |
| 1885.....            | 19,185,953   | 12,277,750       | 5,328,043    | 13,436,916 | 2,081,165 | 639,461   | 27,104,382            | 1,489,711                    | 76,405,074                              |
| 1886.....            | 20,710,933   | 19,318,819       | 7,642,540    | 11,247,877 | 1,799,952 | 656,607   | 26,538,581            | 1,504,880                    | 81,849,260                              |
| 1887.....            | 23,121,526   | 17,015,034       | 7,813,640    | 10,337,035 | 1,857,223 | 747,025   | 27,066,219            | 1,601,847                    | 79,433,446                              |
| 1888.....            | 24,680,219   | 7,463,609        | 5,873,690    | 11,075,639 | 1,891,246 | 872,990   | 29,475,913            | 1,408,732                    | 71,688,188                              |
| 1889.....            | 25,119,853   | 21,360,784       | 8,749,768    | 10,333,135 | 1,471,054 | 1,029,968 | 30,439,354            | 1,775,040                    | 91,133,550                              |
| 1890.....            | 27,561,944   | 32,474,784       | 13,355,877   | 11,354,448 | 1,637,808 | 1,202,940 | 34,022,619            | 1,825,810                    | 111,101,738                             |
| 1891.....            | 30,497,209   | 39,931,415       | 14,345,389   | 12,260,821 | 1,784,319 | 1,293,874 | 35,366,194            | 1,864,712                    | 127,867,101                             |
| 1892.....            | 31,856,626   | 29,017,797       | 13,436,827   | 14,490,987 | 1,956,318 | 1,338,617 | 37,690,335            | 3,667,465                    | 115,436,506                             |
| 1893.....            | 34,591,179   | 40,835,873       | 16,702,240   | 12,950,380 | 2,106,765 | 1,494,490 | 37,577,052            | 2,358,548                    | 131,010,330                             |
| 1894.....            | 33,362,373   | 15,518,349       | 10,026,544   | 10,570,070 | 1,864,595 | 1,287,977 | 35,377,115            | 2,948,153                    | 92,163,650                              |
| 1895.....            | 33,589,784   | 18,711,153       | 12,321,543   | 8,819,923  | 1,777,083 | 1,176,669 | 21,564,238            | 1,960,176                    | 81,909,771                              |
| 1896.....            | 35,859,250   | 16,935,862       | 9,153,066    | 9,960,301  | 1,490,288 | 1,098,376 | 25,564,738            | 3,403,832                    | 89,992,555                              |
| 1897.....            | 34,462,822   | 6,113,726        | 4,269,290    | 9,503,353  | 1,294,157 | 1,189,314 | 16,877,306            | 1,813,427                    | 64,279,075                              |
| 1898.....            | .....  | 13,439,459       | 8,818,240    | 11,672,795 | 1,340,547 | 1,267,580 | 20,613,205            | 2,906,198                    | 82,668,411                              |

\*Of no more than 31 gallons. †Including apple, peach, and grape. ‡Including also high wines and miscellaneous spirits.

The production of wines in the United States in 1890 was 24,306,905 gallons, of which California produced 14,620,000, New York 2,528,250, and Ohio 1,344,838 gallons.

### MALT LIQUORS.

The brewers of the United States, according to the *Brewers' Journal*, in 1890 in the revenue year ending June 30, 1890, 36,581,114 barrels of malt liquors. The sales in the largest cities in the United States in the year ending June 30, 1890, were as follows, in barrels: New York City, 4,918,808; Chicago, 3,198,222; Milwaukee, 2,222,818; St. Louis, 2,070,331; Philadelphia, 1,996,743; Brooklyn, 1,926,823; Cincinnati, 1,217,343; Newark, 1,227,506; Boston, 1,224,524. By States the largest sales in the same period were: New York, 10,047,349; Pennsylvania, 4,047,055; Illinois, 3,580,724; Wisconsin, 2,846,614.

## Importation of Spirits, Malt Liquors, and Wines

INTO THE UNITED STATES, IN QUANTITIES.

|   | 1896.     | 1897.     | 1898.     | 1899.     |
|---|-----------|-----------|-----------|-----------|
| Malt Liquors, in bottles or jugs, gallons.....                              | 1,038,641 | 1,048,994 | 733,535   | 869,957   |
| " " not in bottles or jugs, gallons.....                                    | 2,244,763 | 1,915,650 | 1,777,202 | 1,927,470 |
| Spirits, Distilled and Spirituous Compounds, Brandy, proof, gallons.....    | 259,704   | 337,595   | 137,902   |           |
| Spirits, Distilled and Spirituous Compounds, all other, proof, gallons..... | 1,249,895 | 1,727,110 | 770,830   | 1,389,352 |
| Wines, still wines in casks, gallons.....                                   | 2,834,898 | 2,997,952 | 1,930,870 | 2,240,387 |
| " " still wines in bottles, dozen.....                                      | 314,190   | 309,281   | 268,921   | 247,464   |
| " " Champagne and other sparkling, dozen.....                               | 246,393   | 228,628   | 228,827   | 351,112   |

### VALUES.

|  |             |             |             |             |
|--|-------------|-------------|-------------|-------------|
| Malt Liquors.....                      | \$1,665,016 | \$1,560,293 | \$1,201,303 | \$1,456,971 |
| Spirits, Distilled, and Compounds..... | 2,137,634   | 3,850,114   | 2,134,794   | 2,158,538   |
| Wines.....                             | 7,107,005   | 6,862,465   | 5,969,180   | 6,516,126   |

## Consumption of Spirits, Malt Liquors, and Wines

IN THE UNITED STATES, IN GALLONS.

| YEAR ENDING JUNE 30. | DISTILLED SPIRITS CONSUMED. |            |                   | WINES CONSUMED. |                 | MALT LIQUORS CONSUMED. |                        | Total Consumption. |
|----------------------|-----------------------------|------------|-------------------|-----------------|-----------------|------------------------|------------------------|--------------------|
|                      | Domestic Spirits.           |            | Imported Spirits. | Domestic Wines. | Imported Wines. | Domestic Malt Liquors. | Imported Malt Liquors. |                    |
|                      | From Fruit.                 | All Other. |                   |                 |                 |                        |                        |                    |
| 1881.....            | 1,701,206                   | 67,426,000 | 1,479,875         | 18,931,819      | 5,231,106       | 442,947,664            | 1,164,505              | 538,882,175        |
| 1882.....            | 1,216,850                   | 70,759,548 | 1,580,578         | 19,934,856      | 5,628,071       | 624,843,379            | 1,536,601              | 625,499,883        |
| 1883.....            | 1,253,278                   | 75,508,785 | 1,690,624         | 17,406,028      | 8,372,152       | 549,616,338            | 1,881,002              | 655,728,207        |
| 1884.....            | 1,137,056                   | 78,459,845 | 1,511,680         | 17,402,938      | 3,105,407       | 588,005,609            | 2,010,908              | 691,653,443        |
| 1885.....            | 1,468,775                   | 67,689,250 | 1,442,067         | 17,404,698      | 4,495,759       | 594,063,095            | 2,068,771              | 688,632,415        |
| 1886.....            | 1,555,994                   | 69,295,361 | 1,410,259         | 20,866,893      | 4,700,827       | 640,746,288            | 2,221,439              | 740,796,554        |
| 1887.....            | 1,211,532                   | 68,385,504 | 1,467,697         | 27,706,771      | 4,618,290       | 715,446,038            | 2,302,816              | 821,138,648        |
| 1888.....            | 888,107                     | 73,313,279 | 1,643,966         | 31,680,523      | 4,654,544       | 765,086,789            | 2,500,267              | 879,767,067        |
| 1889.....            | 1,294,858                   | 77,802,483 | 1,515,817         | 29,610,104      | 4,634,873       | 777,420,207            | 2,477,219              | 894,655,061        |
| 1890.....            | 1,508,130                   | 84,760,240 | 1,561,192         | 29,896,108      | 5,060,873       | 853,075,734            | 2,716,601              | 972,578,878        |
| 1891.....            | 1,219,436                   | 88,335,453 | 1,602,646         | 23,736,232      | 5,297,560       | 974,427,363            | 3,051,898              | 1,097,671,811      |
| 1892.....            | 1,961,063                   | 95,187,385 | 1,179,671         | 23,033,493      | 5,434,367       | 984,515,414            | 2,986,809              | 1,114,292,201      |
| 1893.....            | 1,687,541                   | 98,202,790 | 1,307,422         | 26,391,235      | 5,596,584       | 1,071,183,827          | 3,362,509              | 1,207,731,908      |
| 1894.....            | 1,430,553                   | 88,046,771 | 1,063,885         | 18,040,885      | 3,252,739       | 1,033,378,273          | 2,940,949              | 1,148,158,555      |
| 1895.....            | 1,102,703                   | 75,228,928 | 1,496,860         | 16,822,657      | 3,054,392       | 1,040,259,039          | 3,033,667              | 1,140,764,716      |
| 1896.....            | 1,440,810                   | 68,069,563 | 1,541,504         | 14,599,757      | 4,101,649       | 1,077,325,634          | 3,300,531              | 1,170,379,648      |
| 1897.....            | 1,146,131                   | 69,789,991 | 2,290,711         | 33,940,819      | 4,647,988       | 1,066,307,704          | 3,002,558              | 1,131,065,402      |
| 1898.....            | 1,411,448                   | 79,207,887 | 916,549           | 20,567,317      | 3,113,633       | 1,160,651,991          | 2,457,348              | 1,268,326,173      |

## WINE Production of the World.

THE following table shows estimates of wine production by the principal wine-producing countries of the world in 1891 and 1897, the authority for the first estimate being Consul Chancellor, of Havre, in the United States Consular report for September, 1896; the second by the French publication the *Moniteur Vinicole*:

| COUNTRIES          | Chancellor,<br>1891. | Moniteur<br>Vinicole,<br>1897. | COUNTRIES.         | Chancellor,<br>1891. | Moniteur<br>Vinicole,<br>1897. |
|--------------------|----------------------|--------------------------------|--------------------|----------------------|--------------------------------|
|                    | Gallons.             | Gallons.                       |                    | Gallons.             | Gallons.                       |
| Italy .....        | 923,250,000          | 635,836,730                    | Turkey.....        | 73,000,000           | 49,556,000                     |
| Spain.....         | 897,654,000          | 619,338,000                    | Bulgaria.....      | 70,000,000           | 23,797,800                     |
| France.....        | 789,425,000          | 854,713,420                    | Greece.....        | 38,000,000           | 31,704,000                     |
| Portugal.....      | 115,300,000          | 66,050,000                     | United States..... | 23,724,000           | 30,303,740                     |
| Austria-Hungary... | 98,000,000           | 81,260,000                     | Germany.....       | 13,500,000           | 55,482,000                     |
| Algeria.....       | .....                | 115,402,560                    | Roumania.....      | .....                | 85,544,000                     |
| Russia.....        | 75,000,000           | 66,050,000                     | Switzerland.....   | 500,000              | 33,025,000                     |

The total production of wine in the world in 1897 (including Chile, 73,976,000 gallons) was 2,843,478,920 gallons.

According to a report of the British Board of Trade, the consumption of wine in 1896 in the United Kingdom was 15,776,000 gallons, or 0.40 per head of the population; France, 1,137,224,000 gallons, or 29.50 per head; Germany, 55,198,000 gallons, or 1.06 per head; United States, 16,578,000 gallons, or 0.22 per head.

## Beer Production of the World.

THE *Brewers' Journal* of New York, quoting from the Vienna publication, *Gambrinus*, gives the following estimate of the production of malt liquors by countries in 1898, by hectoliters (a hectoliter is equal to 26.414 gallons):

| COUNTRIES.   | No. of<br>Brew-<br>eries. | Hectoliters. | COUNTRIES.         | No. of<br>Brew-<br>eries. | Hectoliters. |
|--|---------------------------|--------------|--------------------|---------------------------|--------------|
|  |                           |              |                    |                           |              |
| Great Britain and Ireland...                                 | 8,072                     | 58,245,511   | Netherlands.....   | 339                       | 1,483,200    |
| United States.....   | 1,978                     | 62,801,822   | Norway.....        | 47                        | 379,000      |
| Canada, Australasia, Central<br>& So. America, & Mexico..... | .....                     | 11,552,578   | Roumania.....      | 17                        | 75,778       |
| Austria-Hungary.....   | 1,602                     | 21,035,689   | British India..... | 40                        | 480,240      |
| Belgium.....   | 3,140                     | 13,509,046   | Luxembourg.....    | 13                        | 155,040      |
| France.....  | 2,546                     | 9,557,616    | Spain.....         | 26                        | 89,560       |
| Russia.....  | 1,047                     | 5,451,142    | Italy.....         | 89                        | 114,000      |
| Denmark.....   | 324                       | 1,934,243    | Greece.....        | 10                        | 82,400       |
| Switzerland.....   | 275                       | 1,879,567    | Bulgaria.....      | 29                        | 79,840       |
|  |                           |              | Serbia.....        | 10                        | 68,700       |

The total number of breweries in the world in 1898 was 40,959, and their output 247,489,272 hectoliters of beer.

## Average Percentage of Alcohol in Wines and Liquors.

|              | P. c. |                | P. c. |                | P. c. |                       | P. c. |
|--------------|-------|----------------|-------|----------------|-------|-----------------------|-------|
| Beer.....    | 4.0   | Tokay.....     | 10.2  | Claret.....    | 13.3  | Marsala.....          | 20.2  |
| Porter.....  | 4.5   | Rhine.....     | 11.0  | Burgundy... .. | 13.6  | Madeira.....          | 21.0  |
| Ale.....     | 7.4   | Orange.....    | 11.2  | Malaga.....    | 17.3  | Port.....             | 23.2  |
| Cider.....   | 8.5   | Bordeaux.....  | 11.5  | Canary.....    | 18.8  | Curacao.....          | 27.0  |
| Perry.....   | 8.8   | Hock.....      | 11.6  | Sherry.....    | 19.0  | Aniseed.....          | 33.0  |
| Elder.....   | 9.3   | Gooseberry..   | 11.8  | Vermouth... .. | 19.0  | Maraschino..          | 34.0  |
| Moselle..... | 9.6   | Champagne... . | 12.2  | Malmsey... ..  | 19.7  | Chartreuse..          | 43.0  |
|              |       |                |       |                |       | Gin.....              | 51.6  |
|              |       |                |       |                |       | Brandy.....           | 53.4  |
|              |       |                |       |                |       | Rum.....              | 53.7  |
|              |       |                |       |                |       | Whiskey, Irish.....   | 53.9  |
|              |       |                |       |                |       | Whiskey, Bourbon..... | 54.0  |
|              |       |                |       |                |       | Whiskey, Rye.....     | 54.0  |
|              |       |                |       |                |       | Whiskey, Scotch.....  | 54.3  |

The percentage as above indicated is by volume. "Proof spirit" contains 49.24 per cent by weight, or 57.06 per cent by volume, of absolute alcohol.

Mulhall gives the average percentage of alcohol in Burton's ale as 8.2; Bass' ale, 8.4; Edinburgh ale, 4.4; Guinness' ale, 6.8; London porter, 4.1; London beer, 3.0; lager beer, 3.2.

## Tea and Coffee.

### TEA.

THE production of tea in 1883, by countries, according to Mulhall (his latest estimate), was in pounds: China, 290,000,000; India, 90,000,000; Japan, 40,000,000; Ceylon, 19,000,000; Paraguay, 10,000,000; Java, 7,000,000.

The consumption of tea was estimated by the same authority for 1892 as follows, in pounds: Great Britain and Ireland, 201,000,000; United States, 85,000,000; Russia, 71,000,000; Canada, 20,000,000; Australia, 28,000,000; various other countries, 21,000,000.

The importation of tea into the United States in the fiscal year of 1893 was 68,773,361 pounds, valued at \$9,715,136.

### COFFEE.

THE total production of coffee in 1898-99, according to Dunning & Toon, cited in the United States consular reports, was, in bags of 132 pounds: Brazil (Rio, 3,000,000; Santos, 5,000,000; Victoria, Bahia, and Ceara, 720,000), 8,720,000; Central America, 1,022,000; Venezuela, 900,000; Hayti, 485,000; Mexico, 325,000; Ceylon and British India, 267,000; Java, 244,000; Porto Rico, 260,000; British West Indies, 100,000.

The consumption by countries, according to Mulhall, was in 1897, in tons: United States, 320,000; Great Britain, 12,000; France, 77,000; Germany, 136,000; Belgium, 25,000; Austria, 40,000; Italy, 13,000. The remainder was consumed by the countries in which it was grown.

The importation of coffee into the United States in 1899 was 836,693,053 pounds, valued at \$55,286,430.

The English are the greatest tea drinkers among western nations, the Americans the greatest coffee drinkers.

Production of Crude Petroleum in the United States.

| YEAR ENDING JUNE 30 | PRODUCTION.*             |               | EXPORTATION MINERAL REFINED, OR MANUFACTURED. |                                      |                        |   | TOTAL. (Including Residuum.†) |              |
|---------------------|--------------------------|---------------|---|--------------------------------------|------------------------|---|-------------------------------|--------------|
|                     | Barrels (of 42 gallons). | Gallons.      | Mineral Crude. Gallons.                       | Naphtha, Benzine, Gasoline. Gallons. | Illuminating. Gallons. | Lubricating (Heavy Paraffine, etc.). Gallons. | Gallons.                      | Value.       |
| 1883...             | 30,510,830               | 1,281,454,860 | 52,719,306                                    | 17,070,532                           | 419,821,081            | 10,189,542                                    | 505,931,622                   | \$44,913,079 |
| 1884...             | 23,449,633               | 984,884,586   | 67,186,329                                    | 15,045,411                           | 415,615,693            | 10,515,535                                    | 513,660,092                   | 47,103,248   |
| 1885...             | 24,218,438               | 1,017,174,896 | 81,037,992                                    | 15,829,253                           | 458,243,192            | 13,002,483                                    | 574,668,900                   | 50,257,947   |
| 1886...             | 21,858,785               | 918,068,970   | 80,246,763                                    | 12,311,197                           | 469,471,451            | 12,526,069                                    | 571,781,752                   | 50,199,844   |
| 1887...             | 28,064,341               | 1,178,723,322 | 76,062,878                                    | 15,735,239                           | 480,845,811            | 16,510,518                                    | 592,603,677                   | 46,324,915   |
| 1888...             | 28,283,483               | 1,187,906,286 | 85,538,725                                    | 12,066,921                           | 456,487,921            | 22,839,529                                    | 678,351,638                   | 47,042,409   |
| 1889...             | 27,612,025               | 1,159,705,050 | 72,987,332                                    | 14,100,054                           | 502,257,455            | 25,166,913                                    | 616,195,459                   | 51,913,677   |
| 1890...             | 35,163,513               | 1,476,867,546 | 95,450,633                                    | 12,937,433                           | 523,295,090            | 30,162,522                                    | 664,068,170                   | 51,403,089   |
| 1891...             | 45,822,672               | 1,924,552,224 | 91,415,095                                    | 12,171,147                           | 571,119,805            | 33,514,730                                    | 709,819,439                   | 52,026,734   |
| 1892...             | 54,291,950               | 2,280,263,160 | 103,592,767                                   | 12,727,978                           | 564,596,658            | 33,591,076                                    | 715,365,819                   | 44,605,992   |
| 1893...             | 50,509,136               | 2,121,383,712 | 111,705,508                                   | 17,304,005                           | 642,239,816            | 32,433,857                                    | 804,221,330                   | 42,142,058   |
| 1894...             | 48,419,666               | 2,033,331,972 | 121,926,349                                   | 15,555,754                           | 730,368,626            | 40,190,577                                    | 908,253,314                   | 41,499,805   |
| 1895...             | 43,344,516               | 2,072,469,692 | 111,325,954                                   | 14,501,224                           | 714,359,144            | 43,419,942                                    | 894,502,082                   | 46,560,662   |
| 1896...             | 52,592,276               | 2,221,475,592 | 110,923,620                                   | 12,249,319                           | 716,455,655            | 50,525,520                                    | 890,458,994                   | 62,333,403   |
| 1897...             | 60,960,361               | 2,560,235,162 | 131,726,243                                   | 14,234,028                           | 771,350,626            | 50,193,345                                    | 975,514,346                   | 62,635,037   |
| 1898...             | 60,568,081               | 2,543,839,402 | 113,297,397                                   | 16,252,929                           | 824,426,581            | 60,229,365                                    | 1,034,249,876                 | 56,129,378   |

\* Production is for calendar year preceding the fiscal year. † Residuum—tar, pitch, and all other from which the light bodies have been distilled. In 1898 this amounted to 19,973,604 gallons.

The above is compiled from the Report of the Bureau of Statistics of the Treasury Department. Over 5,000,000,000 gallons of petroleum, according to the Treasury Bureau of Statistics, are now produced annually in the world. Of this amount 2,500,000,000 are produced in the United States, 2,250,000,000 in Russia, and the remainder is distributed among a dozen countries, Austria producing 87,000,000; Sumatra, 72,000,000; Java, 30,000,000; Canada, 29,000,000.

Production of Copper, Tin, and Zinc.

COMPILED FOR THE WORLD ALMANAC BY R. P. ROTHWELL, C. E., M. E., F. S. S., editor of "The Mineral Industry."

The production of copper in the world in 1898, stated in long tons, was as follows: United States, 239,241; Spain and Portugal, 53,225; Chile, 24,850; Japan, 25,175; Germany, 20,085; Mexico, 15,668; Australasia, 18,000; South Africa, 7,060; other countries, 21,025; total, 434,329 tons.

The copper production of the United States in 1898, in pounds, was distributed as follows: Arizona, 110,823,864; California, 21,543,229; Colorado, 10,870,869; Michigan, 156,669,098; Montana, 216,979,334; Utah, 5,385,246; Eastern and Southern States, 4,478,218; all others, 2,134,999; copper in sulphate (b), 7,015,375; total, 535,900,232. (b) Including only the copper in sulphate obtained as a by-product.

The production of tin in the world in 1898, in long tons, was as follows: England, 4,200; Straits Settlements, 45,001; Australasia, 3,220; Banka, Billiton, and Singkep, 14,580; Bolivia, 4,464; Austria (c), 49; Germany (c), 935; Japan (c), 39; Mexico (c), 6; Portugal, 70; Russia (c), 5; total, 73,268. (c) Estimated.

The production of zinc in the world in 1898, in metric tons, was as follows: Austria, 7,229; Belgium, Holland, and the Rhine district of Germany, 191,836; Upper Silesia, 99,232; France and Spain, 32,649; England, 27,625; Russia, 5,664; United States, 103,514; total, 467,749.

Production of Pig Iron and Steel IN PRINCIPAL COUNTRIES, IN METRIC TONS.

| YEAR.     | AUSTRIA-HUNGARY. |          | BELGIUM.  |         | CANADA.   | FRANCE.   |           | GERMANY.  |            |
|-----------|------------------|----------|-----------|---------|-----------|-----------|-----------|-----------|------------|
|           | Pig Iron.        | Steel.   | Pig Iron. | Steel.  | Pig Iron. | Pig Iron. | Steel.    | Pig Iron. | Steel.     |
| 1894..... | 1,054,520        | *490,000 | 510,940   | 396,914 | 45,327    | 2,077,647 | 663,264   | 5,559,322 | *2,700,000 |
| 1895..... | 1,075,600        | *495,000 | 823,135   | 455,550 | 38,434    | 3,005,859 | 899,676   | 5,788,798 | *3,841,300 |
| 1896..... | 1,130,000        | *526,000 | 932,780   | 598,755 | 42,164    | 2,333,702 | 1,169,370 | 6,380,582 | 4,297,447  |
| 1897..... | 1,205,000        | 553,000  | 1,024,066 | 616,604 | 41,500    | 2,472,143 | 1,261,595 | 6,838,087 | 5,091,294  |
| 1898..... | 1,250,000        | 605,500  | 982,748   | 653,130 | 42,250    | 2,534,427 | 1,441,633 | 7,402,717 | 5,734,207  |

| YEAR.     | ITALY.    |        | RUSSIA.   |           | SPAIN.    |         | SWEDEN.   |         |
|-----------|-----------|--------|-----------|-----------|-----------|---------|-----------|---------|
|           | Pig Iron. | Steel. | Pig Iron. | Steel.    | Pig Iron. | Steel.  | Pig Iron. | Steel.  |
| 1894..... | 10,329    | 54,614 | 1,312,760 | 422,500   | 260,000   | 70,000  | 459,122   | 205,865 |
| 1895..... | *10,500   | 50,314 | 1,454,298 | 574,112   | 206,430   | 65,000  | 453,200   | 231,900 |
| 1896..... | 11,280    | 59,500 | 1,629,510 | *625,000  | 246,326   | 104,577 | 456,400   | 260,660 |
| 1897..... | 12,500    | 57,250 | 1,857,000 | 831,000   | 282,171   | 121,100 | 533,500   | 268,300 |
| 1898..... | 12,850    | 58,750 | 2,228,850 | 1,095,000 | 261,799   | 112,605 | 510,550   | 289,750 |

| YEAR.     | UNITED KINGDOM. |           | UNITED STATES. |           | ALL OTHER COUNTRIES. |          | TOTALS.    |            |
|-----------|-----------------|-----------|----------------|-----------|----------------------|----------|------------|------------|
|           | Pig Iron.       | Steel.    | Pig Iron.      | Steel.    | Pig Iron.            | Steel.   | Pig Iron.  | Steel.     |
| 1894..... | 7,364,745       | 3,050,000 | 6,050,000      | 4,482,592 | *350,000             | *250,000 | 26,058,970 | 12,765,749 |
| 1895..... | 8,022,006       | 3,444,201 | 9,597,449      | 6,212,671 | *375,000             | *275,000 | 29,558,439 | 16,659,005 |
| 1896..... | 8,700,220       | 4,306,211 | 8,761,197      | 5,366,518 | 395,000              | 290,000  | 31,009,831 | 17,551,131 |
| 1897..... | 8,930,036       | 4,559,726 | 9,507,123      | 7,289,300 | 450,000              | 310,000  | 32,505,076 | 20,979,179 |
| 1898..... | 8,769,249       | 4,639,042 | 11,962,317     | 9,075,783 | 545,000              | 355,000  | 36,507,427 | 24,060,500 |

\* Estimated.

## Mineral Products of the United States.

| PRODUCTS.                                      | Custom-ary Meas-ures. | 1897.               |              |                      |             | 1898.               |              |                      |             |
|--|-----------------------|---------------------|--------------|----------------------|-------------|---------------------|--------------|----------------------|-------------|
|  |                       | QUANTITY.           |              | Value, Place Prod'n. |             | QUANTITY.           |              | Value, Place Prod'n. |             |
|  |                       | Customary Measures. | Metric Tons. | Totals.              | Per M. Ton. | Customary Measures. | Metric Tons. | Totals.              | Per M. Ton. |
| <b>ORES AND MINERALS.</b><br>(First Products.) |                       |                     |              |                      |             |                     |              |                      |             |
| Asbestos.....                                  | Sh. T.                | 840                 | 76           | \$12,950             | \$16.99     | 885                 | 803          | \$13,425             | \$16.72     |
| Asphaltic.....                                 | Sh. T.                | 27,397              | 24,554       | 436,620              | 19.58       | 25,690              | 23,306       | 482,175              | 20.69       |
| Asphaltic limestone.....                       | Sh. T.                | 2,390               | 2,168        | 11,450               | 5.28        | 14,099              | 12,791       | 70,495               | 5.51        |
| Bituminous sandstone.....                      | Sh. T.                | 47,470              | 43,065       | 136,173              | 3.16        | 49,535              | 44,935       | 146,275              | 3.26        |
| Barytes.....                                   | Sh. T.                | 26,430              | 23,977       | 105,730              | 4.41        | 23,247              | 21,278       | 112,978              | 4.41        |
| Bauxite.....                                   | Sh. T.                | 20,590              | 20,919       | 51,475               | 2.46        | 26,791              | 27,230       | 66,678               | 2.46        |
| Borate of calcium (c).....                     | Sh. T.                | 19,400              | 17,600       | 388,000              | n 22.05     | 15,335              | 13,911       | 300,700              | n 22.05     |
| Bromine.....                                   | Lb....                | 487,149             | 221          | 138,402              | 617.19      | 486,978             | 221          | 136,534              | 617.19      |
| Cement, nat. hydraulic.....                    | Bbls. g               | 7,890,753           | 1,073,742    | 3,976,550            | 3.70        | 8,161,073           | 1,110,552    | 3,819,995            | 3.44        |
| Cement, Portland.....                          | Bbls. h               | 2,430,903           | 441,060      | 3,724,905            | 8.45        | 3,584,586           | 650,333      | 6,168,106            | 9.48        |
| Chrome ore.....                                | L. T.                 | 150                 | 152          | 1,550                | 10.17       | 100                 | 102          | 1,000                | 9.84        |
| Clay products.....                             | .....                 | .....               | .....        | 56,487,527           | .....       | .....               | .....        | 58,470,543           | .....       |
| Coal, anthracite.....                          | Sh. T.                | 52,645,133          | 47,759,351   | 85,857,717           | 1.80        | 52,948,605          | 47,943,940   | 81,445,987           | 1.70        |
| Coal, bituminous.....                          | Sh. T.                | 148,155,567         | 134,405,849  | 120,013,372          | .89         | 165,208,025         | 149,875,737  | 118,219,354          | .86         |
| Coal, cannel.....                              | Sh. T.                | 56,511              | 51,266       | 153,145              | 2.99        | 49,889              | 45,259       | 134,700              | 2.98        |
| Cobalt oxide.....                              | Lb....                | 19,300              | 8,754        | 80,880               | k 3.53      | 9,640               | k 4.73       | 15,424               | k 3.53      |
| Copper sulphate (L).....                       | Lb....                | 16,731,247          | 7,539        | 645,826              | m 85.10     | 28,061,501          | 12,739       | 956,697              | m 75.18     |
| Corundum.....                                  | Sh. T.                | 2,347               | 1,269        | 19,830               | 74.47       | 783                 | 713          | 63,620               | 89.24       |
| Cross bar.....                                 | L. T.                 | 1,900               | 1,724        | 92,000               | 53.36       | 2,659               | 2,659        | 143,500              | 53.62       |
| Feldspar.....                                  | L. T.                 | 21,901              | 22,251       | 111,392              | 5.01        | 21,250              | 21,699       | 107,147              | 4.94        |
| Fluorspar.....                                 | Sh. T.                | 4,739               | 4,299        | 26,264               | 8.44        | 12,145              | 11,018       | 85,985               | 7.89        |
| Fullers earth.....                             | Sh. T.                | 17,195              | 15,599       | 62,398               | 5.92        | 15,553              | 14,110       | 87,265               | 6.19        |
| Garnet.....                                    | Sh. T.                | 2,261               | 2,051        | 66,353               | 32.35       | 2,882               | 2,615        | 82,930               | 31.71       |
| Graphite.....                                  | Sh. T.                | 1,756               | 1,593        | 52,680               | n 33.07     | 2,675               | 2,427        | 80,250               | n 33.07     |
| Grauhite, crystalline.....                     | Lb....                | 993,138             | k 450,484    | m 44,691             | k 10        | 1,647,679           | k 747,382    | m 148,291            | k 20        |
| Graphite, amorphous.....                       | Sh. T.                | 1,200               | 1,089        | 11,400               | 10.47       | 1,200               | 1,089        | 11,400               | 10.47       |
| Gypsum.....                                    | Sh. T.                | 300,369             | 272,493      | 889,177              | 3.26        | 348,686             | 316,326      | 989,589              | 3.13        |
| Iron ore.....                                  | L. T.                 | 18,235,406          | 18,527,772   | 30,941,379           | 1.67        | 20,655,865          | 20,986,289   | 37,593,674           | 1.79        |
| Magnesite (c).....                             | c 1,907               | .....               | 1,730        | e 2,355              | 4.41        | e 2,355             | e 2,136      | c 9,420              | 4.41        |
| Manganese ore (i).....                         | L. T.                 | 158,600             | 161,147      | 328,176              | 2.04        | 217,782             | 221,279      | 431,127              | 2.17        |
| Mica, scrap.....                               | Sh. T.                | 2,832               | 2,915        | 28,830               | 11.02       | 3,529               | 3,201        | 38,537               | 12.44       |
| Mica, sheet.....                               | Lb....                | 118,852             | k 59,911     | 83,299               | k 1.55      | 109,368             | k 49,851     | 91,432               | k 1.65      |
| Molybdenite.....                               | Sh. T.                | Nil.                | Nil.         | Nil.                 | Nil.        | 8                   | 7            | 400                  | 67.14       |
| Monazite.....                                  | Lb....                | 40,000              | 18           | 2,000                | 110.23      | d 150,000           | 68           | e 7,500              | 110.23      |
| Natural gas.....                               | .....                 | .....               | .....        | e 10,000,000         | .....       | .....               | .....        | e 10,500,000         | .....       |
| Ochre (p).....                                 | Sh. T.                | 42,590              | 38,637       | 468,490              | n 12.13     | 41,950              | 38,057       | 461,450              | n 12.13     |
| Petroleum, crude.....                          | Bbls. y               | 57,124,783          | 7,992,046    | 39,372,111           | 4.93        | 51,774,465          | 7,243,509    | 42,100,522           | 5.81        |
| Phosphate rock.....                            | L. T.                 | 1,007,367           | 1,023,345    | 3,022,101            | 2.95        | 1,257,645           | 1,277,717    | 4,355,025            | 3.41        |
| Precious stones.....                           | .....                 | .....               | .....        | d 101,000            | .....       | .....               | .....        | e 125,000            | .....       |
| Pyrites.....                                   | L. T.                 | 133,368             | 135,502      | 404,699              | 2.99        | 191,160             | 194,219      | 589,329              | 3.03        |
| Salt (q).....                                  | Bbls.                 | 15,822,232          | 2,006,625    | 3,898,556            | 1.94        | 18,756,394          | 2,382,197    | 4,753,664            | 2.00        |
| Silica, brick.....                             | M....                 | 20,233              | .....        | 33,419               | .....       | .....               | .....        | 690,254              | .....       |
| Diatom. earth.....                             | Sh. T.                | 3,000               | 2,722        | 30,400               | 11.17       | 1,392               | 1,263        | 11,002               | 8.27        |
| Flint.....                                     | Sh. T.                | 28,407              | 25,711       | 55,817               | 2.17        | 35,593              | 32,290       | 73,213               | 2.71        |
| Sand, etc.....                                 | e 750,000             | 763,000             | e 1,125,000  | 1.48                 | e 800,000   | 812,800             | e 1,178,500  | 1.45                 |             |
| Pumice.....                                    | Sh. T.                | 1,700               | 1,542        | 8,500                | n 5.51      | 144                 | 131          | 720                  | n 5.51      |
| Grindstones.....                               | Sh. T.                | 36,502              | 33,114       | 342,186              | 10.33       | 33,859              | 35,253       | 438,675              | 12.44       |
| Whetstones.....                                | .....                 | .....               | .....        | 97,229               | .....       | .....               | .....        | 107,990              | .....       |
| Tripoli.....                                   | Sh. T.                | 1,631               | 1,480        | 5,475                | 3.70        | 1,865               | 1,692        | 8,267                | 1.99        |
| Slate, roofing.....                            | Sq'es.                | 932,124             | 281,672      | 2,829,526            | j 3.04      | 1,136,632           | 343,715      | 2,958,496            | j 2.60      |
| Manufactures.....                              | .....                 | .....               | .....        | 595,105              | .....       | .....               | .....        | 628,856              | .....       |
| Pigment.....                                   | Sh. T.                | 6,857               | 6,221        | 57,863               | 9.30        | 7,886               | 7,154        | 70,671               | 9.88        |
| Soapstone.....                                 | Sh. T.                | 16,904              | 15,335       | 169,404              | n 11.02     | 18,862              | 17,111       | 158,635              | 9.27        |
| Soda, natural (r).....                         | Sh. T.                | 6,850               | 5,761        | 85,400               | 16.56       | 7,150               | 6,486        | 94,650               | 14.59       |
| Stone, for building.....                       | .....                 | .....               | .....        | e 30,000,000         | .....       | .....               | .....        | e 32,600,000         | .....       |
| Stone, limestone (flux).....                   | L. T.                 | 4,247,688           | 4,815,651    | 1,988,983            | .43         | 5,275,813           | 5,360,232    | 2,304,900            | .43         |
| Stone, lithographic.....                       | Sh. T.                | Nil.                | Nil.         | Nil.                 | Nil.        | 112                 | 102          | n 2,240              | n 21.96     |
| Strontium sulphate.....                        | Sh. T.                | 40                  | 36           | 200                  | n 5.55      | 2                   | 2            | 10                   | 2           |
| Sulphur.....                                   | L. T.                 | 1,690               | 1,717        | 34,814               | m 20.28     | 2,796               | 2,770        | 59,754               | m 25.55     |
| Sulphuric acid (f l).....                      | Sh. T.                | 42,352              | 38,421       | 699,565              | m 18.21     | 47,558              | 43,144       | 970,183              | m 19.48     |
| Talc, common.....                              | Sh. T.                | 10,164              | 9,221        | 90,908               | 9.86        | 9,112               | 8,236        | 78,445               | 9.75        |
| Talc, fibrous.....                             | Sh. T.                | 52,836              | 47,933       | 283,685              | 5.92        | 54,807              | 49,721       | 285,759              | 5.51        |
| Tungsten ore.....                              | L. T.                 | (b)                 | (b)          | (b)                  | (b)         | 78,865              | 80,13        | 17,398               | 217.12      |
| Uranium ore.....                               | Sh. T.                | 17                  | 15           | 9,010                | 600.67      | 33                  | 30           | 16,508               | 550.00      |
| Wulfenite.....                                 | Sh. T.                | Nil.                | Nil.         | Nil.                 | Nil.        | 12                  | 11           | 144                  | 13.09       |
| Zinc sulphate.....                             | Sh. T.                | Nil.                | Nil.         | Nil.                 | Nil.        | 145                 | 132          | 4,440                | 35.15       |
| Zinc ore, exported.....                        | Sh. T.                | 9,251               | 8,393        | 211,350              | 25.18       | 11,782              | 10,658       | 299,870              | 28.06       |
| Zinc, white (s).....                           | Sh. T.                | 26,262              | 23,825       | 1,686,020            | 70.77       | 32,747              | 29,708       | 2,226,796            | 74.96       |
| Est. prod. unspecified.....                    | .....                 | .....               | .....        | 5,000,000            | .....       | .....               | .....        | 5,000,000            | .....       |
| <b>Totals.....</b>                             | .....                 | .....               | .....        | 407,918,912          | .....       | .....               | .....        | 433,659,141          | .....       |
| <b>METALS.</b>                                 |                       |                     |              |                      |             |                     |              |                      |             |
| Aluminum.....                                  | Lb....                | 4,000,000           | k 1,814,388  | m 1,400,000          | k 7.7       | 5,200,000           | k 2,358,705  | m 1,690,000          | k 7.9       |
| Antimony.....                                  | Lb....                | 1,500,000           | 680          | 107,250              | 157.72      | 2,000,000           | 907          | 165,000              | 181.92      |
| Copper.....                                    | Lb....                | 501,370,295         | 227,420      | t 55,351,281         | 243.40      | 535,900,232         | 243,683      | t 63,129,047         | 259.70      |
| Ferromanganese (u).....                        | L. T.                 | 173,695             | 176,474      | v 7,989,970          | 45.28       | 213,709             | 217,189      | v 10,474,651         | 48.23       |
| Ferromolybdenum.....                           | Lb....                | Nil.                | Nil.         | Nil.                 | Nil.        | 2,100               | .....        | 1,050                | 1,102.30    |
| Gold.....                                      | Oz. w.                | 2,864,576           | k 89,092.4   | 59,210,786           | 664.60      | 3,148,642           | k 97,933     | 65,082,430           | k 664.60    |
| Iron, pig.....                                 | L. T.                 | 9,478,985           | 9,630,649    | v 91,009,633         | 9.45        | 11,560,165          | 11,745,128   | v 110,168,372        | 9.38        |
| Iridium.....                                   | Oz. w.                | 29,235              | .....        | .....                | .....       | 8.5                 | .....        | 255                  | .....       |
| Lead.....                                      | Lb....                | 197,718             | 179,369      | m 14,156,603         | 78.93       | 228,475             | 207,271      | m 17,275,710         | 83.33       |
| Molybdenum.....                                | Lb....                | Nil.                | Nil.         | Nil.                 | Nil.        | 9,550               | k 4,323      | 11,937               | k 2.76      |
| Nickel.....                                    | Lb....                | 33,700              | k 15,288.2   | m 11,667             | k 7.6       | 11,145              | k 5,055.3    | m 3,545              | k 7.6       |
| Platinum.....                                  | Oz. w.                | 200                 | k 6.2        | 2,468                | 396.78      | 300                 | k 9.3        | 3,837                | k 411.25    |

MINERAL PRODUCTS OF THE UNITED STATES—Continued.

| PRODUCTS.                                 | Cus-<br>tomary<br>Meas-<br>ures. | 1897.                  |                 |                      |                | 1898.                  |                 |                      |                |
|---|----------------------------------|------------------------|-----------------|----------------------|----------------|------------------------|-----------------|----------------------|----------------|
|   |                                  | QUANTITY.              |                 | Value, Place Prod'n. |                | QUANTITY.              |                 | Value, Place Prod'n. |                |
|   |                                  | Customary<br>Measures. | Metric<br>Tons. | Totals.              | Per<br>M. Ton. | Customary<br>Measures. | Metric<br>Tons. | Totals.              | Per<br>M. Ton. |
| Quicksilver (x).....                      | Flks..                           | 26,079                 | 905             | \$910,418            | 1,005.98       | 30,493                 | 1,058           | \$1,109,945          | 1,049.09       |
| Silver.....                               | Oz.                              | 56,457,292             | k 1,756,004     | 33,765,815           | mk19.22        | 58,163,127             | k 1,827,723     | 34,670,245           | mk18.97        |
| Tungsten.....                             | Lb.                              | Nil.                   | Nil.            | Nil.                 | .....          | 33,200                 | k 15,059        | 43,160               | k 0.87         |
| Zinc.....                                 | Sh. T.                           | 100,397                | 91,070          | 8,271,889            | m 90.83        | 114,104                | 103,514         | 10,429,106           | m100.75        |
| Totals.....                               |                                  |                        |                 | 272,178,392          |                |                        |                 | 314,255,620          |                |
| SECONDARY MINERALS AND CHEMICAL PRODUCTS. |                                  |                        |                 |                      |                |                        |                 |                      |                |
| Alum.....                                 | Sh. T.                           | 15,456                 | 14,022          | 463,680              | m 33.06        | 18,791                 | 17,047          | 563,730              | m 33.07        |
| Aluminum.....                             | Sh. T.                           | 46,355                 | 42,053          | 1,158,575            | m 27.56        | 56,663                 | 51,604          | 1,416,675            | m 27.56        |
| Ammonium sulphate.....                    | Sh. T.                           | 3,111                  | 2,892           | 136,894              | m 48.61        | 3,589                  | 3,266           | 179,450              | m 55.11        |
| Calcium carbide.....                      | Sh. T.                           | 1,925                  | 1,746           | 134,750              | 77.18          | (b)                    | (b)             | (b)                  | (b)            |
| Carborundum.....                          | Lb.                              | 1,242,929              | 564             | 153,812              | 272.72         | 1,594,152              | 723             | 151,444              | 209.47         |
| Cement, slag.....                         | Bbls. h                          | 40,000                 | 7,258           | 60,000               | 8.27           | 157,662                | 28,066          | 235,721              | 8.24           |
| Coke.....                                 | Sh. T.                           | 12,768,891             | 11,583,862      | 23,203,920           | 2.00           | 15,837,797             | 14,422,287      | 80,505,563           | 2.12           |
| Coppers.....                              | Sh. T.                           | 15,702                 | 14,245          | 78,560               | 5.52           | 11,285                 | 10,238          | 58,105               | 5.68           |
| Copper sulphate.....                      | Lb.                              | 29,397,575             | 13,335          | 1,134,746            | m 85.10        | 27,057,860             | 12,273          | 922,673              | m 75.18        |
| Crushed steel.....                        | Sh. T.                           | 324                    | 294             | 51,824               | 176.27         | 530                    | 299             | 46,200               | 164.52         |
| Graphite, artificial.....                 | Lb.                              | 169,832                | k 73,665        | 10,149               | k 14           | 185,730                | k 84,209        | 11,603               | k 14           |
| Lead, white (z).....                      | Sh. T.                           | 105,804                | 95,838          | 9,529,360            | 93.50          | 98,172                 | 84,525          | 9,391,738            | 111.11         |
| Lead, red.....                            | Sh. T.                           | 7,798                  | 7,074           | 744,709              | 105.27         | 9,160                  | 8,310           | 916,000              | 109.59         |
| Lead, orange mineral.....                 | Sh. T.                           | 477                    | 433             | 76,320               | 176.26         | 541                    | 491             | 108,200              | 232.37         |
| Litharge.....                             | Sh. T.                           | 8,591                  | 7,794           | 773,190              | 99.20          | 7,460                  | 6,768           | 710,192              | 104.93         |
| Mineral wool.....                         | Sh. T.                           | 5,617                  | 5,096           | 61,494               | 12.07          | 6,650                  | 5,951           | 70,314               | 11.82          |
| Soda, manufactured (r).....               | M. T.                            | .....                  | 277,072         | 3,912,257            | 14.12          | .....                  | 340,622         | 4,080,651            | 11.98          |
| Venetian red.....                         | Sh. T.                           | 2,196                  | 1,996           | 40,790               | 20.48          | 3,270                  | 2,967           | 64,570               | 21.76          |
| Totals.....                               |                                  |                        |                 | 41,718,420           |                |                        |                 | 49,432,829           |                |

METALS PRODUCED FROM FOREIGN ORES AND BULLION (aa).

| METALS.           | Customary<br>Measures. | 1897.                  |            |              | 1898.                  |            |              |
|-------------------|------------------------|------------------------|------------|--------------|------------------------|------------|--------------|
|                   |                        | QUANTITIES.            |            | Values.      | QUANTITIES.            |            | Values.      |
|                   |                        | Customary<br>Measures. | Kilograms. |              | Customary<br>Measures. | Kilograms. |              |
| Copper.....       | Pounds.....            | 26,938,254             | 12,219,112 | \$2,973,983  | 36,055,352             | 16,354,600 | \$4,247,320  |
| Gold.....         | Troy ozs.....          | 584,983                | 18,195     | 12,091,599   | 1,065,552              | 33,142     | 22,024,960   |
| Lead.....         | Short tons.....        | 92,117                 | 83,568,000 | 6,595,577    | 89,209                 | 80,929,874 | 6,744,200    |
| Nickel.....       | Pounds.....            | 4,099,390              | 1,859,000  | 1,419,209    | 7,127,784              | 3,233,142  | 2,459,085    |
| Silver.....       | Troy ozs.....          | 40,218,776             | 1,260,934  | 24,046,506   | 39,784,000             | 1,237,560  | 23,472,560   |
| Total values..... |                        |                        |            | \$47,127,174 |                        |            | \$58,948,125 |

(a) Except where otherwise specified. (b) Not enumerated. (c) Amount or value of crude mineral. (d) Partly estimated. (e) Estimated. (f) Amount recovered as a by-product. (g) Barrels of 300 lbs. (h) Barrels of 490 lbs. (i) Includes manganeseiferous iron ores; this is not duplicated in the report of iron ore. (j) Value per square, i. e. 100 sq. ft., lapped and laid; the weights are calculated on the basis 3 squares = 2,000 lbs., but these figures are only approximately correct. (k) Kilograms per kilogram. (l) Reduced to a basis of 66° B. (m) Average market price at New York. (n) Nominal. (o) Value before grinding. (p) Includes ochre, amber, sienna, and oxide of iron. (q) Includes salt used for the manufacture of alkali; the barrel of salt weighs 250 lbs. (r) Reduced to a basis of 58 per cent ash. (s) Includes a small amount made from spelter. (t) Average value of lake copper at New York, less 0.25c. per lb. (u) Includes spiegelene, though the total value is reckoned as if the whole product were ferromanganese. (v) Average market price at Pittsburgh. (w) Troy oz. (x) Flasks of 76.5 lbs. (y) Barrels of 42 gals. (z) Includes a comparatively small amount made directly from ores. (aa) Not included in the preceding tables.

Abbreviations: Sh. T., short tons (2,000 lbs.); L. T., long tons (2,240 lbs.); M. T., metric tons (2,204.6 lbs.).

The foregoing statistics of "Mineral Products of the United States," and the table which follows of "Coal Production in the United States," were compiled by R. P. Rothwell, C. E., M. E., editor of "The Mineral Industry."

Production of Coal.

AREA OF THE WORLD'S COAL-FIELDS, IN SQUARE MILES.

CHINA and Japan, 900,000; United States, 194,000; India, 35,000; Russia, 27,000; Great Britain, 9,000; Germany, 3,600; France, 1,800; Belgium, Spain, and other countries, 1,400. Total, 471,800.

The coal-fields of China, Japan, Great Britain, Germany, Russia, and India contain apparently 303,000,000,000 tons, which is enough for 700 years at present rate of consumption. If to the above be added the coal-fields in the United States, Canada, and other countries, the supply will be found ample for 1,000 years. Improved machinery has greatly increased the yield per miner, and thus produced a fall in price to the advantage of all industries.

The production of the principal coal countries in 1898 in long tons (2,240 lbs.) was: United Kingdom, 202,042,000 tons; United States, 196,282,000 tons; Germany, 91,055,000 tons; France, 30,337,000 tons; Belgium, 21,720,000 tons; Spain, (1896), 1,865,000 tons; Canada, 3,350,000 tons; New South Wales (1896), 3,750,000 tons; India, 4,063,000 tons; Russia, 9,229,000 tons; Japan, 5,060,000 tons. There is also a large production of coal in China, but statistics are indefinite.

COAL PRODUCTION IN THE UNITED STATES.

Compiled from the report of "The Mineral Industry," covering product of 1898. Weight expressed in short tons of 2,000 pounds.

| STATES.                | Tons.      | STATES.        | Tons.     | STATES.             | Tons.       | STATES.            | Tons.      |
|------------------------|------------|----------------|-----------|---------------------|-------------|--------------------|------------|
| Alabama.....           | 6,466,741  | Iowa.....      | 4,117,359 | Nebraska.....       | 500         | Tennessee.....     | 3,084,748  |
| Arkansas*.....         | 1,134,064  | Kansas.....    | 3,860,405 | New Mexico.....     | 863,583     | Texas.....         | 726,133    |
| California.....        | 135,795    | Kentucky.....  | 3,542,152 | North Carolina..... | 6,144       | Utah.....          | 571,417    |
| Colorado.....          | 4,174,037  | Maryland.....  | 4,621,618 | North Dakota.....   | 124,526     | Virginia.....      | 1,640,000  |
| Georgia.....           | 240,000    | Michigan.....  | 178,035   | Ohio.....           | 14,053,829  | Washington.....    | 1,988,288  |
| Illinois*.....         | 18,539,339 | Missouri*..... | 2,838,152 | Oregon.....         | 65,871      | West Virginia..... | 16,499,640 |
| Indiana.....           | 5,435,898  | Montana.....   | 1,450,471 | Pennsylvania.....   | 117,047,633 | Wyoming.....       | 3,181,905  |
| Indian Territory*..... | 1,458,098  |                |           |                     |             |                    |            |

\* Fiscal year. Total production: Bituminous, 165,208,025 tons, value, \$128,419,354. Anthracite, 52,848,605 tons; value, \$31,445,937. Cannel (produced in Kentucky), 49,889 tons; value, \$134,700. Grand total, 218,106,519 tons, value, \$209,999,991.

# Stock List and Prices of Leading Stocks in 1899.

OUTSTANDING STOCK, BONDED INDEBTEDNESS, AND MILEAGE.  
 HIGHEST AND LOWEST PRICES ON THE NEW YORK STOCK EXCHANGE IN 1898 AND 1899.

| Stocks.                                 | Stock Outstanding, January 1, 1899. | Bonded Indebtedness, 1899. | Mileage. | Date Payment Last Dividend Declared.* | Rate Per Cent. Last Div.* | Highest and Lowest, 1898. | Highest and Lowest, 1899.* |
|---|-------------------------------------|----------------------------|----------|---------------------------------------|---------------------------|---------------------------|----------------------------|
| Adams Express                           | \$12,000,000                        | \$12,000,000               | ..       | Dec. 1, '98                           | 2                         | 180 97½                   | 119 108                    |
| American Car & Foundry Co. common       | 27,600,000                          | ..                         | ..       | ..                                    | ..                        | ..                        | 27½ 15                     |
| American Car & Foundry Co. pref.        | 27,600,000                          | ..                         | ..       | Nov. 1, '99                           | 1¾                        | ..                        | 68½ 58¾                    |
| American Cotton Oil Co. common          | 30,287,100                          | ..                         | ..       | Dec. 1, '98                           | 3                         | 39¾                       | 15½ 46 38¾                 |
| American Cotton Oil Co. pref.           | 10,138,800                          | 3,068,000                  | ..       | June 1, '99                           | 3                         | 90½                       | 66 97½ 88¾                 |
| American Express                        | 18,000,000                          | ..                         | ..       | July 1, '99                           | 3                         | 150 116                   | 160½ 133                   |
| American Maltng Co.†                    | 13,145,000                          | ..                         | ..       | ..                                    | ..                        | 36¾                       | 25 37¼ 10                  |
| American Maltng Co. pref.†              | 13,145,000                          | ..                         | ..       | Oct. 15, '99                          | 1¾                        | 87½                       | 76¾ 87 45                  |
| Am. Smelting & Refining Co. common      | 27,400,000                          | ..                         | ..       | ..                                    | ..                        | ..                        | 59¼ 34½                    |
| Am. Smelting & Refining Co. pref.       | 27,400,000                          | ..                         | ..       | Oct. 10, '99                          | 1¾                        | ..                        | 84½ 80                     |
| American Steel & Wire Co. common        | 50,000,000                          | ..                         | ..       | ..                                    | ..                        | ..                        | 72½ 45                     |
| American Steel & Wire Co. pref.         | 40,000,000                          | ..                         | ..       | Oct. 14, '99                          | 1¾                        | ..                        | 105 92½                    |
| American Sugar Refining Co.†            | 36,968,000                          | ..                         | ..       | Oct. 2, '99                           | 3                         | 146½                      | 182 123¾                   |
| American Sugar Refining Co. pref.†      | 96,968,000                          | ..                         | ..       | Oct. 2, '99                           | 1¾                        | 116¾                      | 103 123 110                |
| American Tinplate Co. common†           | 28,000,000                          | ..                         | ..       | ..                                    | ..                        | ..                        | 62¾ 31                     |
| American Tinplate Co. pref.†            | 28,000,000                          | ..                         | ..       | Oct. 30, '99                          | 1¾                        | ..                        | 99½ 83                     |
| American Tobacco                        | 17,900,000                          | ..                         | ..       | Nov. 1, '99                           | 1½                        | 153¾                      | 229½ 89½                   |
| American Tobacco pref.                  | 11,335,000                          | ..                         | ..       | ..                                    | ..                        | 135¾                      | 112 150 133                |
| Anaconda Copper Co.†                    | ..                                  | ..                         | ..       | Nov. 1, '99                           | 3½                        | ..                        | 70 42½                     |
| Atchison, Topeka & Santa Fé new         | 102,000,000                         | ..                         | ..       | Jan. 25, '99                          | 1                         | 191½                      | 104½ 24½ 17                |
| Atchison, Topeka & Santa Fé pref        | 114,139,530                         | 174,186,750                | 6,948    | July 20, '99                          | 1¾                        | 52¾                       | 227½ 68½ 507½              |
| Baltimore & Ohio common                 | 35,000,000                          | ..                         | ..       | ..                                    | ..                        | 58¼                       | 51½ 61½ 43¾                |
| Baltimore & Ohio pref.                  | 35,000,000                          | 127,200,000                | 2,047    | ..                                    | ..                        | 79 68¾                    | 79½ 67½                    |
| Brooklyn Rapid Transit Co.†             | 20,000,000                          | 6,625,000                  | ..       | ..                                    | ..                        | 78¾                       | 85 137 212                 |
| Brooklyn Union Gas                      | 15,000,000                          | 12,338,000                 | ..       | June 1, '99                           | 3                         | 140¾                      | 106 160 136                |
| Canada Southern                         | 15,000,000                          | 19,575,000                 | 457      | Aug. 1, '98                           | 1                         | 58½                       | 44½ 64 50½                 |
| Canadian Pacific                        | 65,000,000                          | 48,088,066                 | 6,678    | Oct. 2, '99                           | 3                         | 90½                       | 72 99½ 84¾                 |
| Chesapeake & Ohio                       | 60,541,400                          | 65,570,554                 | 1,360    | Oct. 25, '99                          | 1                         | 26¾                       | 17¾ 31¼ 23¾                |
| Chicago & Alton                         | 22,230,800                          | 8,650,850                  | 843      | Oct. 2, '99                           | 2½                        | 171¾                      | 150 175½ 167               |
| Chicago, Burlington & Quincy            | 84,340,500                          | 126,412,200                | 5,860    | Sept. 15, '99                         | 1½                        | 125¾                      | 85¾ 149¼ 124¼              |
| Chicago & East Illinois common          | 6,197,800                           | ..                         | ..       | July 1, '99                           | 2                         | 66 49                     | 100¼ 59                    |
| Chicago & East Illinois pref.           | 5,830,700                           | 20,155,000                 | 648      | Oct. 2, '99                           | 1½                        | 112¾                      | 102 132¾ 112¾              |
| Chicago Great Western                   | 21,198,895                          | ..                         | ..       | ..                                    | ..                        | 18 9½                     | 18½ 13                     |
| Chicago Great Western pref. "A"         | 11,968,000                          | ..                         | 922      | July 31, '99                          | 2                         | 54 28                     | 85½ 50¾                    |
| Chicago Great Western pref. "B"         | 7,444,190                           | ..                         | ..       | ..                                    | ..                        | 33 20                     | 44½ 28                     |
| Chicago, Indianapolis & Louisville      | 10,500,000                          | 13,177,000                 | 535      | ..                                    | ..                        | 11 6¾                     | 13 7¾                      |
| Chicago, Indianapolis & Louisville pref | 5,000,000                           | ..                         | ..       | Mar. 30, '99                          | 1                         | 38½                       | 21¾ 49¾ 30                 |
| Chicago, Milwaukee & St. Paul           | 46,732,000                          | 139,321,000                | 6,169    | Oct. 21, '99                          | 2½                        | 126¾                      | 82¾ 136½ 120¾              |
| Chicago, Milwaukee & St. Paul pref.     | 32,942,900                          | ..                         | ..       | ..                                    | ..                        | 36 166¾                   | 140 179 161½               |
| Chicago & Northwestern                  | 59,116,300                          | 131,645,000                | 5,077    | July 6, '99                           | 2½                        | 143 113¾                  | 173 141¾                   |
| Chicago & Northwestern pref.            | 22,396,600                          | ..                         | ..       | Oct. 6, '99                           | 1¾                        | 191½                      | 163 211 188½               |
| Chicago, Rock Island & Pacific          | 50,000,000                          | 66,031,000                 | 3,568    | Nov. 1, '99                           | 1½                        | 115¾                      | 80 122½ 108                |
| Chicago, St. P., Minn. & Omaha          | 18,551,000                          | 24,810,800                 | 1,492    | Feb. 20, '99                          | 3¾                        | 94 145                    | 126½ 91                    |
| Chicago, St. P., Minn. & Omaha pref.    | 11,256,000                          | ..                         | ..       | Aug. 20, '99                          | 3½                        | 70 68                     | 185 170                    |
| Chicago Terminal & Transfer             | 13,600,000                          | 14,044,000                 | 245      | ..                                    | ..                        | 94 4½                     | 25¼ 7½                     |
| Chicago Terminal & Transfer pref.       | 17,000,000                          | ..                         | ..       | ..                                    | ..                        | 37½ 22½                   | 52½ 36½                    |
| Cleve., Cincinnati, Chic. & St. Louis   | 28,000,000                          | 55,183,730                 | 1,805    | Aug. 15, '98                          | 1½                        | 47½                       | 25 65¾ 42½                 |
| Cleve., Cin., Chic. & St. Louis pref.   | 10,000,000                          | ..                         | ..       | Aug. 15, '99                          | 1¾                        | 97¾                       | 68¾ 106 94                 |
| Colorado Fuel & Iron Co. common         | 13,000,000                          | 1,043,000                  | ..       | ..                                    | ..                        | 32½                       | 17 64 30½                  |
| Colorado & Southern                     | 50,109,882                          | ..                         | ..       | ..                                    | ..                        | 8½                        | 7¾ 8¾ 4½                   |
| Colorado & Southern 1st pref.           | 8,500,000                           | 17,500,000                 | 1,083    | ..                                    | ..                        | 50¾                       | 43¾ 58¾ 42                 |
| Colorado & Southern 2d pref.            | 7,986,299                           | ..                         | ..       | ..                                    | ..                        | 20                        | 14¾ 25 14¾                 |
| Consolidated Gas Company                | 37,730,000                          | 2,105,000                  | ..       | Sept. 15, '99                         | 1                         | 205½                      | 167 223 163                |
| Continental Tobacco Co. common          | 30,000,000                          | ..                         | ..       | ..                                    | ..                        | ..                        | 65¾ 36                     |
| Continental Tobacco Co. pref.           | 30,000,000                          | ..                         | ..       | Oct. 1, '99                           | 1¾                        | ..                        | 103¾ 78                    |
| Delaware & Hudson Canal                 | 25,000,000                          | 5,000,000                  | 689      | Sept. 15, '99                         | 1¼                        | 114½                      | 93½ 125¼ 106               |
| Delaware, Lackawanna & Western          | 26,200,000                          | 3,067,000                  | 194      | Oct. 20, '99                          | 1¾                        | 159¼                      | 141¾ 194 157               |
| Denver & Rio Grande                     | 38,000,000                          | 43,136,000                 | 1,666    | ..                                    | ..                        | 21 10                     | 25¾ 18½                    |
| Denver & Rio Grande pref.               | 23,650,000                          | ..                         | ..       | July 17, '98                          | 2                         | 71¾                       | 49 80 68½                  |
| Erie                                    | 112,246,300                         | ..                         | ..       | ..                                    | ..                        | 11¾                       | 11 15¼ 12½                 |
| Erie 1st pref.                          | 42,844,000                          | 121,744,100                | 2,126    | ..                                    | ..                        | 43¾                       | 29½ 42 33¾                 |
| Erie 2d pref.                           | 16,000,000                          | ..                         | ..       | ..                                    | ..                        | 21¾                       | 15¾ 22¼ 16½                |
| Federal Steel Co. common                | 45,233,600                          | ..                         | ..       | July 20, '99                          | 1¼                        | 52 29                     | 75 46¾                     |
| Federal Steel Co. pref.                 | 51,399,300                          | ..                         | ..       | Sept. 20, '99                         | 1¾                        | 81¼                       | 69¾ 93¾ 72½                |
| General Electric                        | 18,276,000                          | 6,060,000                  | ..       | Oct. 11, '99                          | 1½                        | 96¼                       | 77¾ 125 95¼                |
| Glucose Sugar Refining Co. common       | 24,027,300                          | ..                         | ..       | Dec. 1, '99                           | 1½                        | 72½                       | 66¾ 76¼ 48½                |
| Glucose Sugar Refining Co. pref.        | 12,619,000                          | ..                         | ..       | Dec. 1, '99                           | 1½                        | 109                       | 107½ 110 97                |
| Great Northern pref.                    | 50,000,000                          | 4,405                      | ..       | Nov. 1, '99                           | 1¾                        | 179½                      | 123 195 142¼               |
| Hocking Valley common                   | 6,000,000                           | 9,501                      | 346      | ..                                    | ..                        | ..                        | 37¾ 22                     |
| Hocking Valley pref.                    | 10,000,000                          | ..                         | ..       | ..                                    | ..                        | ..                        | 66¼ 54¼                    |
| Illinois Central                        | 52,500,000                          | 75,153,000                 | 3,127    | Sept. 1, '99                          | 2½                        | 115¼                      | 96 122 111                 |
| Iowa Central                            | 8,470,658                           | 6,354,524                  | 610      | ..                                    | ..                        | 11¾                       | 7 15¼ 10¼                  |
| Iowa Central pref.                      | 5,571,361                           | ..                         | ..       | Sept. 1, '99                          | 1½                        | 42½                       | 25 62½ 42½                 |
| Kansas City Pittsburg & Gulf            | 23,000,000                          | 23,000,000                 | 833      | ..                                    | ..                        | 24½                       | 15 17½ 6¾                  |
| Laclede Gas                             | 7,500,000                           | 10,000,000                 | ..       | Sept. 15, '99                         | 1½                        | 54¾                       | 37 81 51                   |
| Laclede Gas pref                        | 2,500,000                           | ..                         | ..       | June 15, '99                          | 2½                        | 98½                       | 80 103 95                  |



# Stock List and Prices of Leading Stocks in 1899.

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## STOCK LIST AND PRICES OF LEADING STOCKS IN 1899—Continued.

| Stocks.                                     | Stock Outstanding, January 1, 1899. | Bonded Indebtedness, January 1, 1899. | Mileage. | Date Payment Last Dividend Declared.* | Rate P. C. Last Div. | Highest and Lowest, 1898. | Highest and Lowest, 1899.† |
|---|-------------------------------------|---------------------------------------|----------|---------------------------------------|----------------------|---------------------------|----------------------------|
| Lake Erie & Western.....                    | \$11,840,000                        | \$9,850,000                           | 725      | Nov. 15 '98                           | 1 1/4                | 23 1/2 12 1/2             | 22 1/2 15                  |
| Lake Erie & Western pref.....               | 11,840,000                          | ..                                    | ..       | ..                                    | ..                   | 83 1/2 60                 | 82 1/2 60                  |
| Lake Shore & Michigan Southern.....         | 3,000,000                           | 8,366,000                             | 1,448    | July 28, '99                          | 3 1/2                | 215 170 9 1/2             | 208 196 1/2                |
| Long Island.....                            | 12,000,000                          | 15,549,702                            | 399      | Nov. 2, '96                           | 1                    | 59 1/2 37                 | 84 1/2 50 1/2              |
| Louisville & Nashville.....                 | 52,800,000                          | 85,771,560                            | 2,938    | Aug. 10, '99                          | 1 1/2                | 65 1/4 44                 | 88 1/2 63                  |
| Manhattan Consolidated.....                 | 30,000,000                          | 39,546,000                            | 36 1/2   | Oct. 2, '99                           | 1                    | 120 1/4 91                | 123 1/2 97                 |
| Metropolitan Street Railway.....            | 40,000,000                          | 21,400,000                            | 220      | Oct. 18, '99                          | 1 1/4                | 194 1/2 125 1/2           | 389 187 1/2                |
| Mexican Central common.....                 | 38,000,000                          | 88,343,000                            | 1,955    | ..                                    | ..                   | 7 1/2 4 1/2               | 17 1/2 6                   |
| Minneapolis & St. Louis.....                | 6,000,000                           | ..                                    | ..       | ..                                    | ..                   | 88 1/4 24                 | 78 35 1/2                  |
| Minneapolis & St. L. 1st pref. 5 p. c. cum. | 2,500,000                           | 10,000,000                            | 371      | Jan. 14, '99                          | 2 1/2                | 100 80                    | 101 97                     |
| Minn. & St. L. 2d pref. 5 p. c. non-cum.    | 4,000,000                           | ..                                    | ..       | July 15, '99                          | 2 1/2                | 78 46                     | 98 1/2 73 1/2              |
| Missouri, Kansas & Texas.....               | 47,000,000                          | ..                                    | ..       | ..                                    | ..                   | 14 10                     | 15 1/2 11 1/2              |
| Missouri, Kansas & Texas pref.....          | 13,000,000                          | 67,223,000                            | 1,672    | ..                                    | ..                   | 41 28 1/2                 | 45 1/2 30 1/2              |
| Missouri Pacific.....                       | 47,442,375                          | 62,138,000                            | 3,164    | July 15, '91                          | 1                    | 46 1/2 22                 | 52 1/2 38 1/2              |
| Mobile & Ohio.....                          | 5,324,600                           | 21,520,000                            | 878      | Feb. 23, '98                          | 1                    | 32 1/2 24                 | 52 32                      |
| Morris & Essex.....                         | 15,000,000                          | 24,744,000                            | 120      | Jan. 1, '99                           | 3 1/2                | 130 167 1/2               | 185 176                    |
| National Lead.....                          | 14,905,400                          | ..                                    | ..       | Mar. 1, '99                           | 1                    | 39 1/2 25 1/2             | 40 1/2 28                  |
| National Lead pref. †.....                  | 14,904,000                          | ..                                    | ..       | Sept. 15, '99                         | 1 1/4                | 115 99                    | 115 1/2 103                |
| National Steel Co. common.....              | 32,000,000                          | ..                                    | ..       | ..                                    | ..                   | ..                        | 63 44                      |
| National Steel Co. pref.....                | 26,000,000                          | ..                                    | ..       | Sept. 30, '99                         | 1 1/4                | ..                        | 99 1/2 64 1/2              |
| New Jersey Central.....                     | 22,497,000                          | 50,301,100                            | 684      | Nov. 1, '99                           | 1                    | 99 85 1/2                 | 126 97                     |
| New York Central & Hudson River.....        | 100,000,000                         | 181,490,987                           | 2,643    | Oct. 16, '99                          | 1                    | 124 1/2 105               | 143 1/2 121 1/2            |
| New York, Chicago & St. Louis com.          | 14,000,000                          | 19,425,000                            | 513      | ..                                    | ..                   | 15 1/2 11                 | 18 1/2 13                  |
| New York, New Haven & Hartford.....         | 54,523,800                          | 7,500,000                             | 1,933    | Sept. 30, '99                         | 2                    | 20 1/2 17 1/2             | 22 1/2 19 1/2              |
| New York, Ontario & Western.....            | 53,119,982                          | 13,975,000                            | 481      | ..                                    | ..                   | 19 1/2 13 1/2             | 20 1/2 18 1/2              |
| Norfolk & Western.....                      | 66,000,000                          | ..                                    | ..       | ..                                    | ..                   | 19 1/2 10 1/2             | 25 1/2 17 1/2              |
| Norfolk & Western pref.....                 | 23,000,000                          | 46,801,950                            | 1,570    | Aug. 24, '99                          | 2                    | 63 1/2 42 1/2             | 74 1/2 61 1/2              |
| North American Company.....                 | 39,787,200                          | ..                                    | ..       | ..                                    | ..                   | 7 1/2 4 1/2               | 13 1/2 6 1/2               |
| Northern Pacific vtg. tr. cfs.              | 79,800,000                          | 156,432,000                           | 4,593    | Aug. 3, '99                           | 1                    | 44 1/2 19                 | 57 1/2 42 1/2              |
| Northern Pacific pref. vtg. tr. cfs.        | 75,000,000                          | ..                                    | ..       | Dec. 5, '99                           | 1                    | 79 1/2 52                 | 81 1/2 72 1/2              |
| Pacific Mail.....                           | 20,000,000                          | ..                                    | ..       | June 1, '99                           | 1 1/2                | 46 21                     | 55 38 1/2                  |
| Pennsylvania R. R. †.....                   | 129,303,700                         | 87,943,910                            | 2,747    | Nov. 29, '99                          | 2 1/2                | 123 1/2 110 1/2           | 142 1/2 122 1/2            |
| People's Gas Light & Coke (Chicago).....    | 25,000,000                          | 34,246,000                            | ..       | Nov. 25, '99                          | 1 1/2                | 11 1/2 8 1/2              | 12 1/2 10 1/2              |
| Pittsburgh, Cin., Chic. & St. L.....        | 25,110,439                          | ..                                    | ..       | ..                                    | ..                   | 84 1/2 32 1/2             | 78 43                      |
| Pittsburgh, Cin., Chic. & St. L. pref.....  | 22,693,162                          | 46,998,000                            | 1,030    | Oct. 10, '99                          | 1 1/2                | 84 1/2 57                 | 100 80                     |
| Pressed Steel Car Co. common.....           | 12,500,000                          | ..                                    | ..       | ..                                    | ..                   | ..                        | 61 44 1/2                  |
| Pressed Steel Car Co. pref.....             | 12,500,000                          | ..                                    | ..       | Oct. 16, '99                          | 1 1/2                | ..                        | 91 1/2 78                  |
| Pullman Palace Car Company.....             | 54,000,000                          | ..                                    | ..       | Nov. 15, '99                          | 3 1/2                | 21 1/2 133                | 207 1/2 156                |
| Reading.....                                | 70,000,000                          | ..                                    | ..       | ..                                    | ..                   | 23 1/2 15 1/2             | 25 19 1/2                  |
| Reading 1st pref.....                       | 28,000,000                          | 60,886,000                            | 1,363    | ..                                    | ..                   | 54 1/2 36                 | 63 1/2 52 1/2              |
| Reading 2d pref.....                        | 42,000,000                          | ..                                    | ..       | ..                                    | ..                   | 29 17 1/2                 | 33 1/2 27                  |
| Republic Iron & Steel Co. common.....       | 27,000,000                          | ..                                    | ..       | ..                                    | ..                   | ..                        | 33 1/2 22 1/2              |
| Republic Iron & Steel Co. pref.....         | 20,500,000                          | ..                                    | ..       | Oct. 1, '99                           | 1 1/4                | ..                        | 79 69 1/2                  |
| St. Jos. & Grand Island vtg. trust cfs.     | 4,600,000                           | 3,500,000                             | 312      | ..                                    | ..                   | 8 1/2 5 1/2               | 7 1/2 3 1/2                |
| St. Louis & San Francisco v. t. cfs.        | 26,443,920                          | ..                                    | ..       | ..                                    | ..                   | 9 6                       | 14 1/2 8 1/2               |
| St. Louis & San Fran. 1st pref. v. t. r.    | 5,000,000                           | 39,444,850                            | 1,232    | July 6, '99                           | 2                    | 70 52 1/2                 | 75 1/2 66                  |
| St. Louis & San Fran. 2d pref. v. t. r.     | 14,335,700                          | ..                                    | ..       | Sept. 2, '99                          | 1                    | 35 22 1/2                 | 44 1/2 33 1/2              |
| St. Louis Southwestern.....                 | 16,500,000                          | 28,000,000                            | 1,223    | ..                                    | ..                   | 7 1/2 3 1/2               | 18 1/2 6 1/2               |
| St. Louis Southwestern pref.....            | 20,000,000                          | ..                                    | ..       | ..                                    | ..                   | 18 7 1/2                  | 40 1/2 17                  |
| St. Paul, Minneapolis & Manitoba.....       | 30,000,000                          | 71,723,454                            | 3,771    | Aug. 1, '99                           | 1 1/2                | 175 121 1/2               | 199 1/2 198                |
| Southern Pacific Co.....                    | 121,655,170                         | 2,501,000                             | 7,372    | ..                                    | ..                   | 35 12                     | 44 27                      |
| Southern Railway Co. voting trust cfs.      | 120,000,000                         | 101,236,000                           | 5,258    | ..                                    | ..                   | 103 7 1/2                 | 144 10 1/2                 |
| Southern Railway Co. pref. 5 p. ct. T. C.   | 57,290,400                          | ..                                    | ..       | Oct. 4, '99                           | 1                    | 43 1/2 23 1/2             | 57 1/2 40 1/2              |
| Standard Rope & Twine.....                  | 12,000,000                          | 10,412,000                            | ..       | ..                                    | ..                   | 10 1/2 3 1/2              | 15 1/2 6 1/2               |
| Tennessee C. I. & R. R. Co. common.....     | 20,000,000                          | 9,239,169                             | ..       | May 15, '87                           | ..                   | 33 1/2 17                 | 126 36                     |
| Texas & Pacific.....                        | 38,710,900                          | 50,000,000                            | 1,499    | ..                                    | ..                   | 20 1/2 8 1/2              | 24 1/2 17 1/2              |
| Union Pacific.....                          | 61,000,000                          | 90,000,000                            | 2,609    | ..                                    | ..                   | 44 1/2 16 1/2             | 50 1/2 38 1/2              |
| Union Pacific pref.....                     | 75,000,000                          | ..                                    | ..       | Oct. 2, '99                           | 2                    | 74 1/2 45 1/2             | 84 1/2 72                  |
| United States Express.....                  | 10,000,000                          | ..                                    | ..       | Nov. 15, '99                          | 1 1/2                | 57 1/2 38                 | 60 46                      |
| United States Leathert.....                 | 62,825,900                          | 5,280,000                             | ..       | ..                                    | ..                   | 8 1/2 5 1/2               | 39 1/2 5 1/2               |
| United States Leather pref. †.....          | 62,225,900                          | ..                                    | ..       | Oct. 2, '99                           | 1 1/4                | 75 1/2 53 1/2             | 84 1/2 68                  |
| United States Rubber.....                   | 23,666,000                          | ..                                    | ..       | Oct. 31, '99                          | 1                    | 45 1/2 13 1/2             | 54 1/2 42 1/2              |
| United States Rubber pref.....              | 23,525,500                          | ..                                    | ..       | Oct. 31, '99                          | 2                    | 113 1/2 60                | 121 111                    |
| Wabash.....                                 | 28,000,000                          | 81,500,000                            | 2,327    | ..                                    | ..                   | 9 1/2 6                   | 9 1/2 7 1/2                |
| Wabash pref.....                            | 24,000,000                          | ..                                    | ..       | Nov. 5, '81                           | 1 1/2                | 24 1/4 14                 | 25 1/2 19                  |
| Wells, Fargo & Co. Express.....             | 8,000,000                           | ..                                    | ..       | July 15, '99                          | 3                    | 131 1/2 112 1/2           | 135 1/2 125                |
| Western Union Telegraph.....                | 67,370,000                          | 14,858,895                            | ..       | Oct. 16, '99                          | 1 1/4                | 95 1/2 83                 | 98 1/2 86 1/2              |
| Wheeling & Lake Erie common.....            | 15,000,000                          | ..                                    | 414      | ..                                    | ..                   | 7 5 1/2                   | 14 1/2 5 1/2               |
| Wheeling & Lake Erie 2d pref. †.....        | 7,000,000                           | ..                                    | ..       | ..                                    | ..                   | 30 1/4 7 1/2              | 37 21 1/2                  |
| Wisconsin Central new common.....           | ..                                  | ..                                    | ..       | ..                                    | ..                   | ..                        | 21 13 1/2                  |
| Wisconsin Central new pref.....             | ..                                  | ..                                    | ..       | ..                                    | ..                   | ..                        | 59 48 1/2                  |

\* Report for 1899 to November 11. † Unlisted stocks. ‡ Including extra dividend of 1/4 per cent. § Includes extra dividend of 75 cents.

THE WORLD ALMANAC is indebted to "Bradstreet's" for the stock list and prices of stocks. The total sales of shares at the New York Stock Exchange in 1898 were 113,470,383; in 1897 were 77,248,747; in 1896 were 60,440,576; in 1895 were 75,000,000; in 1894 were 49,075,032; in 1893 were 50,977,839; in 1892 were 85,875,992; in 1891 were 66,043,217; in 1890 were 56,126,365; in 1889 were 60,823,904; in 1888 were 62,315,722; in 1887 were 85,921,028; in 1886 were 102,852,804; in 1885 were 90,920,707; in 1884 were 96,865,325; in 1883 were 96,037,905; in 1882 were 113,720,655; in 1881 were 113,392,685; in 1880 were 97,200,000; and in 1879 were 74,166,652.

## Railroad Statistics.

### MILEAGE, ASSETS, LIABILITIES, EARNINGS, EXPENDITURES, AND TRAFFIC OF SURFACE STEAM RAILROADS IN THE UNITED STATES.

This table was compiled from "Poor's Manual of Railroads of the United States for 1899."

|   |                  |   |                 |
|---|------------------|---|-----------------|
| Mileage of Railroads.....                                 | 184,894.33       | Miles of Railroad Operated.....         | 184,532.61      |
| Side Tracks and Sidings.....                              | 60,344.54        | Passenger Train Mileage.....            | 344,761,142     |
| Total Track.....  | 245,238.87       | Freight " ".....                        | 542,824,509     |
| Steel Rails in Track.....                                 | 220,803.87       | Mixed " ".....                          | 17,424,581      |
| Iron Rails in Track.....                                  | 24,435.00        | Total.....                              | 905,010,232     |
| Locomotive Engines, Number...                             | 36,746           | Passengers Carried.....                 | 514,982,288     |
| Cars, Passenger.....                                      | 25,844           | Passenger Mileage.....                  | 13,672,497,664  |
| "    Baggage, Mail, etc.....                              | 8,049            | Tons of Freight Moved.....              | 912,973,853     |
| "    Freight.....   | 1,284,807        | Freight Mileage.....                    | 114,566,173,191 |
| Total Cars.....   | 1,318,700        | <i>Traffic Earnings.</i>                |                 |
| <i>Liabilities.</i>                                       |                  | Passengers.....                         | \$272,589,591   |
| Capital Stock.....  | \$5,581,522,858  | Freight.....                            | 868,924,526     |
| Bonded Debt.....  | 5,635,363,594    | Miscellaneous.....                      | 108,044,607     |
| Unfunded Debt.....  | 368,182,584      | Total Traffic Revenue.....              | \$1,249,558,724 |
| Current Accounts.....                                     | 383,682,168      | Net Earnings.....                       | \$389,666,474   |
| Total Liabilities.....                                    | \$11,968,751,204 | Receipts from Other Sources.....        | 104,536,904     |
| <i>Assets.</i>  |                  | Total Available Revenue.....            | \$494,203,378   |
| Cost of Railroad and Equipment.....                       | \$10,256,275,585 | <i>Payments from Available Revenue.</i> |                 |
| Real Estate, Stocks, Bonds, and<br>Other Investments..... | 1,594,565,979    | Rentals, Tolls, etc.....                | \$62,740,145    |
| Other Assets.....   | 265,264,972      | Interest on Bonds.....                  | 237,133,099     |
| Current Accounts.....                                     | 169,261,166      | Other Interest.....                     | 5,069,290       |
| Total Assets.....   | \$12,285,367,702 | Dividends on Stock.....                 | 94,937,526      |
| Excess of Assets over Liabilities.....                    | \$316,616,498    | Miscellaneous.....                      | 35,681,080      |
|   |                  | Total Payments.....                     | \$435,561,140   |
|   |                  | Surplus.....                            | \$58,642,238    |

### COMPARATIVE STATISTICS OF RAILROADS IN THE UNITED STATES, 1888-98.

| YEAR ENDING. | Miles Operated. | Capital Stock.  | Bonded Debt.    | Gross Earnings. | Net Earnings. | Interest Paid. | Dividends Paid. |
|--------------|-----------------|-----------------|-----------------|-----------------|---------------|----------------|-----------------|
| 1888...      | 145,341         | \$4,438,411,842 | \$4,624,035,023 | \$950,622,008   | \$297,363,677 | \$205,280,052  | \$78,943,041    |
| 1889...      | 152,689         | 4,495,099,318   | 4,828,365,771   | 992,856,856     | 318,125,339   | 211,171,279    | 79,532,863      |
| 1890...      | 163,420         | 4,640,239,578   | 5,105,902,025   | 1,097,847,428   | 343,921,318   | 229,101,144    | 83,863,632      |
| 1891...      | 164,324         | 4,809,176,651   | 5,235,295,074   | 1,138,024,459   | 356,209,880   | 231,259,810    | 90,719,757      |
| 1892...      | 170,668         | 4,920,555,225   | 5,463,611,204   | 1,204,915,204   | 358,638,520   | 232,569,089    | 95,662,412      |
| 1893...      | 173,433         | 5,080,032,904   | 5,570,292,613   | 1,222,618,290   | 364,591,109   | 239,616,284    | 95,337,681      |
| 1894...      | 175,508         | 5,075,629,070   | 5,665,734,249   | 1,080,305,015   | 322,539,276   | 237,620,367    | 85,278,669      |
| 1895...      | 179,887         | 5,231,373,852   | 5,712,052,517   | 1,105,284,267   | 327,505,716   | 242,943,243    | 83,175,774      |
| 1896...      | 180,891         | 5,290,730,567   | 5,426,074,969   | 1,125,632,025   | 332,333,756   | 242,415,494    | 81,364,854      |
| 1897...      | 181,133         | 5,453,782,046   | 5,411,058,525   | 1,132,866,626   | 338,170,195   | 231,046,819    | 82,630,989      |
| 1898...      | 184,194         | 5,581,522,858   | 5,635,363,594   | 1,249,558,724   | 389,666,474   | 237,133,099    | 94,937,526      |

### SUMMARY OF RAILWAY MILEAGE IN THE UNITED STATES.

(From Statistical Report of the Interstate Commerce Commission.)

| YEAR.     | MILEAGE ON JUNE 30, OF YEARS MENTIONED. |             |            | Increase Over Preceding Year. | Miles of Line per 100 Sq. Miles.* | Miles of Line per 10,000 Inhabitants.† |
|-----------|---|-------------|------------|-------------------------------|-----------------------------------|--|
|           | Official.                               | Unofficial. | Total.     |                               |                                   |  |
| 1898..... | 185,370.77                              | 1,025.55    | 186,396.32 | 1,967.85                      | 6.28                              | 25.61                                  |
| 1897..... | 182,919.82                              | 1,508.65    | 184,428.47 | 1,651.84                      | 6.21                              | 25.78                                  |
| 1896..... | 181,153.77                              | 1,622.86    | 182,776.63 | 2,119.16                      | 6.15                              | 26.00                                  |
| 1895..... | 179,175.51                              | 1,481.96    | 180,657.47 | 1,948.92                      | 6.08                              | 26.16                                  |
| 1894..... | 176,602.61                              | 2,105.94    | 178,708.55 | 2,247.48                      | 6.02                              | 26.36                                  |
| 1893..... | 170,332.30                              | 6,128.77    | 176,461.07 | 4,897.55                      | 5.94                              | 26.51                                  |
| 1892..... | 165,690.97                              | 5,872.55    | 171,563.52 | 3,160.78                      | 5.78                              | 26.27                                  |

\* On basis of 2,970,000 square miles, which covers "land surface" only, and excludes Alaska.

† On basis of 72,801,571, population for 1898, which is reached by adding to the population of the United States in 1890, 62,801,571, an estimated annual increase of 1,250,000 for each successive year.

# Principal Railroad Systems of United States and Canada

WITH A SYNOPSIS OF LAST ANNUAL REPORT OF INCOME AND EXPENDITURE AS SUBMITTED TO "THE WORLD ALMANAC" BY THE RAILROAD COMPANIES.

| SYSTEMS, LOCATION, AND FINANCIAL DATA.  | Divisions, Mileage, and Operating Express.   | General Officers.   |
|---|--|---|
| <p><b>Atchison, Topeka and Santa Fe Railway.</b>—<br/>"Santa Fe Route."<br/>[Illinois, Iowa, Missouri, Kansas, Nebraska, Colorado, Indian Territory, Texas, New Mexico, Arizona, California, Oklahoma.]<br/>For year ending June 30, 1899.<br/>Total earnings.....\$40,513,498<br/>Operating expenses 29,332,964<br/>Net earnings.....\$11,180,534<br/>Other income..... 249,434<br/>Total net income.\$11,429,968<br/>Total payments..... 7,241,972<br/>Balance.....\$4,187,996<br/>Dividends..... 1,427,071<br/>Surplus.....\$2,760,925</p> | <p><b>Atchison, Topeka and Santa Fe Ry.,</b> 4,713.61 m.; Gulf, Colorado and Santa Fe Ry., 1,087.6 m.; Southern California Ry., 483.2 m.; Santa Fe Pacific R.R., 818.55 m.; San Francisco and San Joaquin Valley R. R., 306.27 m. Total mileage, 7,414.23.<br/><b>EXPRESS Co.</b>—Wells, Fargo &amp; Co.</p>                                     | <p>Chairman of the Board, Aldace F. Walker, New York; President, E. P. Ripley, Chicago, Ill.; 1st Vice-President, E. D. Kenna, Chicago, Ill.; 2d Vice-President, Paul Morton, Chicago, Ill.; 3d Vice-President, J. M. Barr, Chicago, Ill.; General Manager, —, Topeka, Kan.; Secretary, E. Wilder, Topeka, Kan. General Offices, Chicago, Ill.; New York Offices, 59 Cedar Street, 377 Broadway, Manhattan Borough.</p> |
| <p><b>Atlantic Coast Line.</b><br/>[Virginia, North Carolina, South Carolina.]<br/>*See foot note.</p>  | <p><b>Atlantic Coast Line R. R. of Va.,</b> 97.4 m.; Wilmington and Weldon R. R., 769.08 m.; Norfolk and Carolina R. R., 109.70 m.; Atlantic Coast Line R. R. of South Carolina, 739.23 m. Total mileage, 1,605.76.<br/><b>EXPRESS Co.</b>—Southern.</p>   | <p>President, Alex. Hamilton; Vice-President, H. Walter; General Manager, J. R. Kenly; Traffic Manager, T. M. Emerson. General Offices, Wilmington, N. C.; New York Office, 225 Broadway, Manhattan Borough.</p>  |
| <p><b>Baltimore &amp; Ohio R. R.</b><br/>[New Jersey, Pennsylvania, Delaware, Maryland, District of Columbia, Virginia, West Virginia, Ohio, Indiana, Illinois.]<br/>For year ending June 30, 1898.<br/>Total earnings.....\$27,722,787<br/>Operating expenses 20,276,091<br/>Net earnings.....\$7,446,696<br/>Other income..... 890,072<br/>Total net income.\$8,336,768<br/>Interest, rents, etc. 8,146,727<br/>Surplus.....\$190,041</p>   | <p><b>Main Stem and Branches,</b> 747.04 m.; Philadelphia Div., 129.42 m.; Pittsburgh Div., 391.70 m.; New York Div., 5.30 m.; West Virginia and Pittsburgh, 157.07 m.; Trans-Ohio Div., 773.27 m. Total mileage, 2,203.80.<br/><b>EXPRESS Co.</b>—United States.</p>  | <p>Chairman of Board, Wm. Salomon, New York; President, John K. Cowen; 1st Vice-President, Oscar G. Murray; 2d Vice-President and General Manager, F. D. Underwood; Secretary, C. W. Woodford. General Offices, Baltimore, Md.; New York Office, 434 Broadway, Manhattan Borough.</p>   |
| <p><b>Baltimore and Ohio Southwestern R.R.</b><br/>[West Virginia, Ohio, Indiana, Illinois, Missouri.]<br/>For year ending June 30, 1898.<br/>Total earnings.....\$6,904,317<br/>Operating expenses 4,916,805<br/>Net earnings.....\$1,987,512<br/>Other income..... 2,350<br/>Total net income.\$1,989,760<br/>Interest, taxes, etc. 2,089,334<br/>Deficit.....\$89,574</p>  | <p><b>Main Line, Belpre, O., to East St. Louis, Ill.,</b> 532.34 m.; Springfield Div., 228.2 m.; Portsmouth Div., 55.4 m.; Hillsboro Div., 21.4 m.; Marietta Div., 11.1 m.; Louisville Div., 53.3 m.; Bedford Br., 11.4 m.; Carbondale Br., 5.7 m.; Watson to New Albany, 7.4 m. Total mileage, 926.2.<br/><b>EXPRESS Co.</b>—United States.</p> | <p>President, Edward R. Bacon, New York; Vice-President and General Manager, W. M. Greene, Cincinnati, O.; Secretary, M. B. Wild, New York. General Offices, Cincinnati, O.; New York Office, 2 Wall Street, Manhattan Borough.</p>   |
| <p><b>Bangor and Aroostook R. R.</b><br/>[Maine.]<br/>For year ending June 30, 1899.<br/>Total earnings.....\$929,253<br/>Operating expenses 537,737<br/>Net earnings.....\$391,516<br/>Total payments..... 342,649<br/>Surplus.....\$48,866</p>  | <p><b>Oldtown to Van Buren, Me.,</b> 221 m.; Milo Junction to Greenville, 48.8 m.; Ashland Br., 42.8 m.; Fort Fairfield Br., 13.2 m.; Katahdin Iron Works Br., 13 m.; Limestone Br., 15.9 m. Total mileage, 354.7.<br/><b>EXPRESS Co.</b>—American.</p>  | <p>President, A. A. Burleigh; Vice-President and General Manager, F. W. Cram. General Offices, Bangor, Me.</p>  |
| <p><b>Boston and Albany R. R.</b><br/>[Massachusetts, New York.]<br/>For year ending June 30, 1899.<br/>Total earnings.....\$9,122,013<br/>Operating expenses 6,577,662<br/>Net earnings.....\$2,444,351<br/>Other income..... 205,022<br/>Total net income.\$2,647,373<br/>Int't, rentals, etc. 2,415,980<br/>Surplus.....\$231,398</p>  | <p><b>Main Line, Boston, Mass., to Albany, N. Y.,</b> 202 m.; Ware River Br., 49 m.; Athol Br., 45 m.; Pittsfield and North Adams Br., 19 m.; Hudson and Chatham Br., 17 m.; Milford Br., 12 m.; Webster Br., 11 m.; other branches, 39 m. Total mileage, 394.<br/><b>EXPRESS Co.</b>—Adams; American.</p>                                       | <p>President, William Bliss; Vice-President, Edward D. Hayden; General Manager, W. H. Barnes. General Offices, Boston, Mass.</p>  |

\* Annual report of Atlantic Coast Line of South Carolina (consolidation of Wil., Col. and Aug., Northeastern, Florence, Cheraw and Darlington, Manchester and Augusta railroads) for year ending June 30, 1899, shows total earnings, \$1,974,967; operating expenses and taxes, \$1,346,056; net earnings, \$628,911.

206 *Principal Railroad Systems of United States & Canada.—con.*

| SYSTEMS, LOCATION, AND FINANCIAL DATA.   | Divisions, Mileage, and Operating Express.  | General Officers.   |
|--|---|---|
| <p><b>Boston and Maine Railroad.</b><br/>[Massachusetts, Vermont, New Hampshire, Quebec, Maine.]<br/>For year ending June 30, 1899.<br/>Total earnings.....\$19,890,607<br/>Operating expenses 13,748,644<br/>Net earnings.....\$6,141,963<br/>Other income..... 699,221<br/>Total net income. \$6,841,184<br/>Fixed charges..... 5,561,769<br/>Balance.....\$1,279,415<br/>Dividends, etc..... 1,294,002<br/>Surplus..... \$45,413</p>        | <p>Western Div. (Boston to Portland), 115.31 m.; Eastern Div. (Boston to Portland), 108.29 m.; Conway Jct., Me., to N. Conway, N. H., 73.37 m.; Worcester, Mass., to Rochester, N. H., 94.48 m.; Boston, Mass., to Groveton, N. H., 222.32 m.; Concord, N. H., to White River Jct., Vt., 69.50 m.; White River Jct., Vt., to Sherbrook, P. Q., 142.25 m.; N. Cambridge Jct. to Northampton, Mass., 98.77 m.; Springfield, Mass., to Keene, N. H., 74 m.; other branches, 716.80 m. Total mileage, 1,715.59.<br/>EXPRESS Co.—American.</p> | <p>President, Lucius Tuttle; 1st Vice-President, T. A. Mackinnon; 2d Vice-President, W. F. Berry; Asst. General Manager, Frank Barr. General Offices, Boston, Mass.</p>   |
| <p><b>Buffalo, Rochester and Pittsburgh Railway.</b><br/>[New York and Pennsylvania.]<br/>For year ending June 30, 1899.<br/>Total earnings.....\$3,801,969<br/>Operating expenses 2,441,394<br/>Net earnings.....\$1,360,575<br/>Total payments.....\$970,624<br/>Balance.....\$389,951<br/>Dividends..... 120,000<br/>Surplus..... \$269,951</p>   | <p>Main Line and Branches, 283.72 m.; Clearfield and Mahoning Div., 27.76 m.; Allegheny and Western Ry., 60.05 m. Total mileage, 371.53.<br/>EXPRESS Co.—American.</p>  | <p>President, Arthur G. Yates, Rochester, N. Y.; Vice-President, Adrian Iselin, Jr., New York; Secretary, John H. Hocart, New York. General Offices, Rochester, N. Y.; New York Office, 36 Wall Street, Manhattan Borough.</p>  |
| <p><b>Burlington, Cedar Rapids and Northern Railway.</b><br/>[Iowa, Minnesota, S. Dakota.]<br/>For year ending Dec. 31, 1898.<br/>Total earnings.....\$4,545,643<br/>Operating expenses. 3,114,822<br/>Net earnings.....\$1,430,821<br/>Other receipts..... 60,123<br/>Total net income..\$1,490,944<br/>Total payments.... 1,106,480<br/>Surplus.....\$384,464</p>  | <p>Main Line, 426.04 m.; Iowa City and W. Ry., 73.02 m.; Cedar Rapids, Iowa Falls and N. W. Ry., 512.48 m.; Cedar Rapids and Clinton Ry., 81.94 m.; Chicago, Decorah and Minn. Ry., 23.30 m.; Waverly Short Line, 5.68 m.; Davenport, Iowa and Dakota Ry., 31.51 m. Total mileage, 1,153.97.<br/>EXPRESS Co.—United States.</p>   | <p>President, C. J. Ives; Vice-President, Robert Williams; Secretary, S. S. Dorwart. General Offices, Cedar Rapids, Ia.</p>   |
| <p><b>Canada Atlantic Railway.</b><br/>[Quebec and Ontario.]<br/>No financial report of this road obtainable.</p>  | <p>Ottawa to Swanton, 143 m.; Hawkesbury Br., 21 m.; Rockland Br., 16 m.; Ottawa, Arnprior and Parry S'd Div., 267 m. Total mileage, 447.<br/>EXPRESS Co.—Canadian.</p>   | <p>President, C. J. Booth; Secretary, A. W. Fleck; General Manager, E. J. Chamberlin. General Offices, Ottawa, Ont.</p>   |
| <p><b>Canadian Pacific Railway.</b><br/>[New Brunswick, Maine, Vermont, Quebec, Ontario, Michigan, Manitoba, Assiniboia, Saskatchewan, Alberta, British Columbia.]<br/>For year ending June 30, 1899.<br/>Total earnings....\$27,231,321<br/>Operating expenses 15,762,225<br/>Net earnings.....\$11,469,095<br/>Other income..... 423,366<br/>Total net income..\$11,892,461<br/>Total payments... 7,008,684<br/>Surplus..... \$4,883,777</p> | <p>Eastern Div., 1,785 m.; Ontario and Quebec Div., 1,259 m.; Atlantic Div., 689 m.; Western Div., 3,285 m.; Pacific Div., 766 m. Total mileage, 7,784.*<br/>Length of Main Line, Montreal to Vancouver, 2,904.8 m.<br/>Steamship lines: Royal Mail Line, Vancouver, B. C., to Japan and China; Slocan Lake Line; Upper Lake Line; Lake Okanagan Line; Columbia and Kootenay Line.<br/>EXPRESS Co.—Dominion.</p>  | <p>Chairman of the Board, W. C. Van Horne; President, T. G. Shaughnessy; Secretary, Charles Drinkwater; Freight Traffic Manager, G. M. Bosworth; Asst. General Manager, D. McNicol. General Offices, Montreal, Quebec; New York Offices, 59 Wall Street, 353 Broadway, Manhattan Borough.</p> |
| <p><b>Central of Georgia Railway.</b><br/>[Georgia and Alabama.]<br/>For year ending June 30, 1899.<br/>Total earnings.....\$5,767,345<br/>Operating expenses. 3,966,711<br/>Net earnings.....\$1,800,634<br/>Other income..... 215,218<br/>Total net income..\$2,015,852<br/>Total payments.... 1,966,964<br/>Surplus..... \$58,888</p>   | <p>Columbus-Andalusia, 139 m.; Griffin-Carrollton, 60 m.; Macon-Athens, 104 m.; Gordon-Porterdale, 86 m.; Savannah-Atlanta, 294 m.; Miller-Augusta, 54 m.; Upson County R. R., 16 m.; Savannah-Tybee, 18 m.; Birmingham-Macon, 257 m.; Columbus-Americus, 65 m.; Eufaula and Ozark Br., 59 m.; Perry-Ft. Valley, 12 m.; Macon-Montgomery, 224 m.; Smithville-Columbia, 169 m.; Cuthbert-Ft. Gaines, 22 m.; Opelika-Roanoke, 39 m.; Columbus-Greenville, 51 m. Total mileage, 1,586.<br/>EXPRESS Co.—Southern.</p>                         | <p>President, H. T. Comer; Vice-President, John M. Egan; Traffic Manager, E. H. Hinton. General Offices, Savannah, Ga.; New York Office, 317 Broadway, Manhattan Borough.</p>   |

\* Canadian Pacific Ry. New Extensions building: Snowflake Br., 17 m.; Wascada Br., 20 m., Pipestone Extension, 60 m.; North Star Br., 20 m.; MacGregor Extension, 30 m.; Boundary Creek Line, 99 m. † Not including dividends.

| SYSTEMS, LOCATION, AND FINANCIAL DATA.  | Divisions, Mileage, and Operating Express.   | General Officers.   |
|---|--|---|
| <p><b>Central Railroad of New Jersey.</b><br/>[New York, New Jersey, Pennsylvania.]<br/><i>For year ending Dec. 31, 1898.</i><br/>Total earnings.....\$13,187,270<br/>Operating expenses 8,068,313<br/>Net earnings..... \$5,118,957<br/>Other receipts..... 596,526<br/>Total net income. \$5,715,483<br/>Total payments... 5,432,629<br/>Surplus..... \$282,854</p>   | <p>New York to Scranton, 191.66 m.; Newark Br., 10.62 m.; South Br., 15.78 m.; Perth Amboy Br., 23.38 m.; High Bridge Br., 57.22 m.; Lehigh and Lackawanna Br., 37.43 m.; sundry branches in New Jersey, 12.17 m.; sundry branches in Pennsylvania, 91.18 m.; New Jersey Southern Div., 182.85 m.; Freehold and Atlantic Div., 24.47 m.; New York and Long Branch R. R., 38.04 m. Total mileage, 684.80.</p> | <p>President, J. R. Maxwell; 1st Vice-President, C. H. Warren; 2d Vice-President, S. M. Williams; General Traffic Manager, J. Lowrie Bell. General Offices, 143 Liberty Street, Manhattan Borough, New York.</p>  |
| <p><b>Central Vermont Railroad.</b><br/>[Connecticut, Massachusetts, Vermont, Quebec.]<br/><i>For year ending June 30, 1898.</i><br/>Total earnings.....\$3,217,518<br/>Operating expenses. 2,584,309<br/>Net earnings..... \$633,009<br/>Total payments..... 327,700<br/>Surplus..... \$305,309</p>  | <p>Southern Div., 161 m.; Northern Div., 360 m. Total mileage, 521.<br/>EXPRESS Co.—American.</p>  | <p>Chairman, Chas. M. Hays, Montreal, Que.; President, E. C. Smith; Vice-President and General Manager, E. H. Fitzhugh. General Offices, St. Albans, Vt.; New York Office, 353 Broadway, Manhattan Borough.</p>   |
| <p><b>Chesapeake &amp; Ohio Ry.</b><br/>[Virginia, West Virginia, Kentucky, Ohio.]<br/><i>For year ending June 30, 1899.</i><br/>Total earnings.....\$12,009,839<br/>Operating expenses. 8,077,354<br/>Net earnings.....\$3,932,455<br/>Total payments, less other income..... 3,226,325<br/>Surplus..... \$706,130</p>   | <p>Louisville Div., 84.4 m.; James River Div., 211.2 m.; Big Sandy Div., 48.2 m.; Richmond Div., 197.4 m.; Peninsula Div., 84 m.; Washington Div., 93.5 m.; Huntington Div., 337.3 m.; Cincinnati Div., 165.4 m.; Lexington Div., 143.5 m. Total mileage, 1,464.7.</p>   | <p>President, M. E. Ingalls, Cincinnati, O.; 1st Vice-President, George T. Bliss, New York; 2d Vice-President, Decatur Axtell, Richmond, Va.; Secretary, C. E. Wellford, Richmond, Va.; General Manager, George W. Stevens, Richmond, Va. General Offices, Richmond, Va.; Cincinnati, Ohio; New York Office, 363 Broadway, Manhattan Borough.</p>   |
| <p><b>Chicago and Alton R. R.</b><br/>[Illinois and Missouri.]<br/><i>For year ending Dec. 31, 1898.</i><br/>Total earnings.....\$6,286,569<br/>Operating expenses 3,869,796<br/>Net earnings.....\$2,416,773<br/>Other income..... 246,291<br/>Total net income. \$2,663,064<br/>Total payments... 2,863,189<br/>Deficit..... \$200,125</p>  | <p>Chicago to East St. Louis, 230.70 m.; Coal City Line, 24.43 m.; Dwight to Washington and Lacon, 79.75 m.; Roodhouse to Kansas City, 250.42 m.; Bloomington to Wann, via Jacksonville, Godfrey, and Upper Alton, 153 m.; Mexico to Cedar City, 50.19 m. Total mileage, 843.54.</p>   | <p>President, S. M. Felton; Vice-President and General Manager, C. H. Chappell; Secretary, Alex. Millar. General Offices, Chicago, Ill.; New York Office, 130 Broadway, Manhattan Borough.</p>  |
| <p><b>Chicago and Eastern Illinois Railroad.</b>—“<b>Evansville Route.</b>”<br/>[Indiana and Illinois.]<br/><i>For year endin June 30, 1899.</i><br/>Total earnings*....\$4,581,560<br/>Operating expenses. 2,712,920<br/>Net earnings.....\$1,868,640<br/>Other income..... 196,689<br/>Total net income. \$2,065,329<br/>Total payments... 1,964,731<br/>Surplus..... \$100,598</p>   | <p>Main Line, 451.12 m.; branch lines, 112.86 m.; leased lines, 61.20 m.; trackage rights, 23.09 m.; Marion, Ill., to Thebes, Ill., 62.50 m. Total mileage, 710.77.<br/>Evansville and Terre Haute R. R., 167.7 m.; Evansville and Indianapolis R. R., 145.95 m.</p>   | <p>Chairman of the Board H. H. Porter; President, M. J. Carpenter; Vice-President, O. S. Lyford; Vice-President and Treasurer, C. W. Hillard; Secretary, H. A. Rubidge. General Offices, Chicago, Ill.<br/>E. &amp; T. H. R. R. and E. &amp; I. R. R.—President, H. C. Barlow; Secretary, G. S. Wright. General Offices, Evansville, Ind.; New York Office, 58 New Street, Manhattan Borough.</p> |
| <p><b>Chicago and Northwestern Railway.</b>—“<b>The Northwestern Line.</b>”<br/>[Michigan, Illinois, Iowa, Wisconsin, Minnesota, N. Dakota, South Dakota.]<br/><i>For year ending May 31, 1899.</i><br/>Total earnings.....\$38,016,313<br/>Operating expenses 24,828,374<br/>Net earnings.....\$13,187,939<br/>Other income..... 543,977<br/>Total net income.\$13,731,916<br/>Interest &amp; dividends. 10,096,250<br/>Surplus.....\$3,635,666<br/>See “Northwestern Line.”</p> | <p>Wisconsin Div., 556.85 m.; Galena Div., 405.7 m.; Iowa Div., 618.43 m.; Madison Div., 509.27 m.; Ashland Div., 803.82 m.; Peninsula Div., 464.4 m.; Winona and St. Peter Div., 500.69 m.; Northern Iowa Div., 404.41 m.; Dakota Div., 723.93 m.; Western Iowa Div., 320.20 m. Total mileage, 5,307.80. See also the “Northwestern Line.”</p>  | <p>President, Marvin Hughitt, Chicago, Ill.; Vice-President and Secretary, M. L. Sykes, New York City; 2d Vice-President, M. M. Kirkman; 3d Vice-President and General Traffic Manager, H. R. McCullough; General Manager, John M. Whitman. General Offices, Chicago, Ill.; New York Offices, 52 Wall Street, 461 Broadway, Manhattan Borough.</p>  |

\* Evansville & Terre Haute R. R. for year ending June 30, 1899 (not included in Chicago & Eastern Illinois report): Total earnings, \$1,592,126; operating expenses, \$919,939; net earnings, \$672,187; other income, \$63,208; total net income, \$735,395; total payments, \$584,318, surplus, \$151,077.

| SYSTEMS, LOCATION, AND FINANCIAL DATA.   | Divisions, Mileage and Operating Express.  | General Officers.  |
|--|--|--|
| <p><b>Chicago and West Michigan Railway.</b><br/>[Indiana, Michigan.]<br/><i>For year ending Dec. 31, 1898.</i><br/>Total earnings.....\$1,933,350<br/>Operating expenses 1,548,177<br/>Net earnings..... \$435,173<br/>Other income..... 5,763<br/>Total net income. \$440,941<br/>Fixed charges..... 420,168<br/>Surplus..... \$20,773</p>   | <p>Main Line and Branches, 531 m.; Kalkaska Br., 33 m. Total mileage, 614.<br/>Detroit, Grand Rapids and Western R. R., 451 m.</p>   | <p>President, Charles M. Heald, Grand Rapids, Mich.; Vice-President, E. V. R. Thayer, Boston. Secretary, Charles A. Erriam, Boston. General Offices, Grand Rapids, Mich.</p>   |
| <p><b>Chicago, Burlington and Quincy Railroad.—“Burlington Route.”</b><br/>[Illinois, Wisconsin, Minnesota, Iowa, Missouri, Nebraska, Kansas, Colorado, Wyoming, South Dakota, Montana.]<br/><i>For year ending June 30, 1899.</i><br/>Total earnings.....\$43,339,424<br/>Operating expenses 28,135,465<br/>Net earnings.....\$15,203,959<br/>Other income..... 487,822<br/>Total net income.\$15,741,781<br/>Total payments..... 14,251,852<br/>Surplus..... \$1,489,929</p> | <p>Lines in Illinois, 1,443.04 m.; in Iowa, 765.55 m.; in Missouri, 134.68 m.; in Wisconsin, 223.09 m.; in Minnesota, 38.46 m. Total mileage, 2,604.82. The “Burlington Route” also comprises the following railroads: Burlington and Missouri River R. R., in Nebraska, 3,513.58 m.; Hannibal and St. Joseph R.R., 297.3 m.; Kansas City, St. Joseph and Council Bluffs R.R., 309.5 m.; St. Louis, Keokuk and Northwestern R.R., 240.4 m.; Chicago, Burlington and Kansas City Ry., 220.9 m.; Burlington and Northwestern Ry., 52.5 m.; Burlington and Western Ry., 70.7 m.; Humeston and Shenandoah R.R., 112.5 m.; Keokuk and Western R.R., 259.79 m.; Fulton Co. Narrow Gauge, 59.30 m.; Deadwood Central, 9.87 m. Total mileage of Burlington System, 7,751.16.</p> | <p>President, C. E. Perkins, Burlington, Iowa; 1st Vice-President, J. C. Peasley, Chicago, Ill.; 2d Vice-President, George B. Harris, Chicago, Ill.; Secretary, T. S. Howland, Boston, Mass.; General Manager, W. C. Brown. General Offices, Chicago, Ill.; New York Office, 379 Broadway, Manhattan Borough.<br/>General Offices of Hannibal and St. Joseph R. R., at St. Louis, Mo.<br/>General Offices of Burlington and Northwestern Ry., at Burlington, Iowa.<br/>General Offices of Burlington and Missouri River R. R. in Nebraska, at Omaha, Neb.<br/>General Offices of Humeston and Shenandoah R. R., at Clarinda, Iowa.</p> |
| <p><b>Chicago Great Western Railway.—“Maple Leaf Route.”</b><br/>[Illinois, Iowa, Minnesota, Missouri, Kansas.]<br/><i>For year ending June 30, 1899.</i><br/>Total earnings..... \$5,867,739<br/>Operating expenses 3,943,516<br/>Net earnings..... \$1,924,223<br/>Total payments..... 1,791,894<br/>Surplus..... \$132,329</p>  | <p>Minneapolis to Chicago, 436.67 m.; Oelwein to Kansas City, 359.95 m.; Manly Br., 49 m.; Hampton Br., 64 m.; DeKalb Br., 5.81 m.; Cedar Falls Br., 7.10 m.; Mankato and Red Wing Line, 94 m.; Mantorville Br., 7.50 m. Total mileage, 1,024.03.</p>  | <p>President, A. B. Stickney; Vice-Presidents, C. W. Benson, Ansel Oppenheim, and Arnold Kalman; General Manager, S. C. Stickney; Secretary, R. C. Wight. General Offices, St. Paul, Minn., and Chicago, Ill.; New York Offices, 18 Wall Street, 319 Broadway, Manhattan Borough.</p>  |
| <p><b>Chicago, Indianapolis and Louisville Ry.—“Monon Route.”</b><br/>[Indiana, Illinois, Kentucky.]<br/><i>For year ending Jun 30, 1899.</i><br/>Total earnings..... \$3,501,421<br/>Operating expenses 2,354,950<br/>Net earnings..... \$1,146,471<br/>Other income..... 86,686<br/>Total net income.\$1,232,857<br/>Fixed charges..... 958,109<br/>Surplus..... \$274,748</p>   | <p>Indianapolis, Ind., to Chicago, Ill., 183.5 m.; Lafayette and Louisville Line, 235.3 m.; Michigan City Div., 59 m.; French Lick Br., 18 m. Switz City Br., 41.4 m. Total mileage, 537.2.</p>  | <p>President and General Manager, W. H. McDoel, Chicago, Ill.; Vice-President, A. J. Thomas, New York; Secretary, J. A. Hilton, New York. General Offices, Chicago, Ill.; New York Office, 80 Broadway, Manhattan Borough.</p>   |
| <p><b>Chicago, Milwaukee and St. Paul Railway.</b><br/>[Illinois, Wisconsin, Michigan, Minnesota, Iowa, Missouri, South Dakota, North Dakota.]<br/><i>For year ending June 30, 1899.</i><br/>Total earnings.....\$38,310,633<br/>Operating expenses 23,962,837<br/>Net earnings.....\$14,347,796<br/>Other income..... 117,411<br/>Total net income.\$14,465,207<br/>Interest and dividends..... 9,169,050<br/>Surplus.....\$5,296,157</p>                                     | <p>Lines in Illinois, 317.94 m.; in Wisconsin, 1,650.71 m.; in Iowa, 1,702.07 m.; in Minnesota, 1,120.09 m.; in North Dakota, 118.21 m.; in South Dakota, 1,101.06 m.; in Missouri, 140.27 m.; in Michigan, 152.08 m. Total mileage, 6,302.43.</p>   | <p>Chairman, Roswell Miller, New York; President, A. J. Earling, Chicago, Ill.; Vice-President, Frank S. Bond, New York City; General Manager, W. G. Collins, Chicago; Secretary, P. M. Myers, Milwaukee, Wis. General Offices, Chicago, Ill., and Milwaukee, Wis.; New York Offices, 30 Broad Street, 351 Broadway, Manhattan Borough.</p>  |
| <p>EXPRESS Co.—American.</p>   | <p>EXPRESS Co.—Adams.</p>  | <p>EXPRESS Co.—Wells, Fargo &amp; Co.</p>  |

SYSTEMS, LOCATION, AND FINANCIAL DATA.

Divisions, Mileage, and Operating Express.

General Officers.

**Chicago, Rock Island and Pacific Railway.**

[Illinois, Iowa, Missouri, Nebraska, Kansas, Oklahoma Ter., Indian Ter., Colorado.]

For year ending Mch. 31, 1899  
 Total earnings.....\$20,667,914  
 Operating expenses 13,676,110  
 Net earnings.....\$6,991,804  
 Other income..... 710,467  
 Total net income.....\$7,702,271  
 Total payments..... 5,889,544  
 Surplus.....\$1,812,728

Illinois Div., 236.51 m.; Iowa Div., 1,068.76 m.; Missouri Div., 286.91 m.; Nebraska Div., 250.44 m.; Kansas Div., 1,124.30 m.; Colorado Div., 376.94 m.; Oklahoma Div., 167.35 m.; Indian Ter. Div., 108.19 m. Total mileage, 3,619.37.

EXPRESS Co.—United States.

President, W. G. Purdy; Vice-President and General Manager, H. A. Parker; 2d Vice-President, Robert Mather; 3d Vice-President, J. M. Johnson. General Offices, Chicago, Ill.; New York Offices, 13 William Street, 505 Broadway, Manhattan Borough.

**Cincinnati, Hamilton & Dayton Railway.**

[Ohio and Indiana.]

For year ending June 30, 1899.  
 Total earnings.....\$5,135,285  
 Operating expenses 3,659,406  
 Net earnings.....\$1,475,879  
 Other income..... 106,118  
 Total net income.....\$1,582,097  
 Total payments.... 1,411,737  
 Surplus.....\$170,360

Cincinnati and Toledo Line, 202.03 m.; Indianapolis Div., 98.9 m.; Wellston Div., 188 m.; Delphos Div., 98.27 m.; Cincinnati and Dayton R. R., 14 m.; North Baltimore Div., 21 m.; Findlay Div., 17.60 m.; Piqua and Troy Br. R. R., 8.30 m.; Home Ave. R. R., 3.50 m. Total mileage, 651.60.

EXPRESS Co.—United States.

President, M. D. Woodford; Vice-President, Eugene Zimmerman; General Manager, C. G. Waldo; Secretary, F. H. Short. General Offices, Cincinnati, O.

**Cleveland, Cincinnati, Chicago and St. Louis Railway.—“Big Four Route.”**

[Ohio, Indiana, Michigan, Illinois.]

For year ending June 30, 1899.  
 Total earnings.....\$14,719,362  
 Operating expenses 10,645,556  
 Net earnings.....\$4,073,806  
 Other income..... 23,592  
 Total net income.....\$4,097,398  
 Total payments.... 3,373,710  
 Surplus.....\$723,688

Cleveland-Indianapolis Div., 341 m.; Mt. Gilead Short Line, 2 m.; Cincinnati-Sandusky Div., 320 m.; St. Louis Div., 266 m.; Chicago Div., 377 m.; Cairo Div., 270 m.; Peoria and Eastern Div., 352 m.; White Water Div., 70 m.; Michigan Div., 299 m.; Kankakee and Seneca Div., 42 m. Total mileage, 2,339.

EXPRESS Co.—American.

President, M. E. Ingalls; Vice-President, J. D. Layne, New York; General Manager, C. E. Schaaf; Secretary, E. F. Osborn. General Offices, Cincinnati, O.; New York Office, Grand Central Station, Manhattan Borough.

**Colorado and Southern Railway.—“The Colorado Road.”**

[Colorado, Wyoming, New Mexico, and Texas.]

No financial report issued for 1899. Fiscal year closes June 30, 1900.

Pueblo Dist., 154.05 m.; Trinidad Dist., 113.65 m.; New Mexico Dist., 191.86 m.; Clear Creek Dist., 65.49 m.; Ft. Collins Dist., 148.97 m.; Platte Cañon Dist., 98.36 m.; Leadville Dist., 71.24 m.; Gunnison Dist., 164.35 m.; Wyoming Dist., 153.68 m. Total mileage, 1,141.55.

EXPRESS Co.—Wells, Fargo & Co.

Chairman of the Board, G. M. Dodge, New York; President and General Manager, Frank Trumbull; Vice-President and Traffic Manager, B. L. Winchell; Secretary, Charles Wheeler; Assistant Secretary, Harry Bronner, New York. General Offices, Denver, Col.; New York Offices, 20 Broad Street and 393 Broadway, Manhattan Borough.

**Delaware and Hudson Railroad.**

[Pennsylvania, New York, Vermont.]

For year ending June 30, 1899.  
 Total earnings.....\$10,277,740  
 Operating expenses 5,823,227  
 Net earnings.....\$4,454,513  
 Other income..... 9,545  
 Total net income.....\$4,464,058  
 Total payments.... 2,768,710  
 Surplus.....\$1,695,347

Pennsylvania Div., 157 m.; Saratoga and Champlain Div., 343 m.; Susquehanna Div., 187 m.; Adirondack Ry., 57 m. Total mileage, 744.

EXPRESS Co.—National.

President, R. M. Olyphant, New York; Vice-President, James Roosevelt; 2d Vice-President, H. G. Young, Albany, N. Y.; Secretary, F. M. Olyphant, New York. General Offices, 21 Cortlandt Street, Manhattan Borough, New York.

President Adirondack Ry., R. S. Grant, 21 Cortlandt Street, Manhattan Borough, New York.

**Delaware, Lackawanna and Western Railroad.**

[New York, New Jersey, Pennsylvania.]

For year ending June 30, 1899.  
 Total earnings.....\$8,759,684  
 Operating expenses 3,958,643  
 Net earnings.....\$4,801,041  
 Total payments.... 2,467,826  
 Surplus.....\$2,333,215

Main Line, 115 m.; Buffalo Div., 214 m.; Morris and Essex Div., 120 m.; Bloomsburg Div., 80 m.; Syracuse and Binghamton Div., 31 m.; Cayuga Div., 34 m.; Utica Div., 105 m.; Sussex R. R., 30 m.; Oswego and Syracuse Div., 35 m.; other branches, 86 m. Total mileage, 900.

EXPRESS Co.—United States.

Chairman of the Board, Samuel Sloan; President, W. H. Truesdale; Vice-President, E. R. Holden; Secretary, Frederick F. Chambers; Traffic Manager, B. D. Caldwell. General Offices, 26 Exchange Place, Manhattan Borough, New York.

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| SYSTEMS, LOCATION, AND FINANCIAL DATA.  | Divisions, Mileage, and Operating Express.   | General Officers.  |
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| <p><b>Denver and Rio Grande Railroad.</b><br/>[Colorado and New Mexico.]<br/>For year ending June 30, 1899.<br/>Total earnings..... \$9,270,247<br/>Operating expenses 5,710,350<br/>Net earnings..... \$3,559,897<br/>Other income..... 110,327<br/>Total net income. \$3,670,224<br/>Total payments.... 3,537,084<br/>Surplus..... \$33,140</p>                                       | <p>Denver to Grand Junction, 461.86 m.; Salida to Grand Junction, 209.04 m.; Mear's Junction to Silverton, 313.86 m.; Antonito to Santa Fe, 125.70 m.; Pueblo to Trinidad, 91.33 m.; other branches, 458.25 m. Total mileage, 1,666.04.</p>  | <p>Chairman of the Board, George Coppel, New York; President and General Manager, Edward T. Jeffery, Denver, Col.; Secretary, Edgar H. Booth, New York; General Offices, Denver, Col.; New York Offices, 47 William Street, 353 Broadway, Manhattan Borough.</p>   |
| <p><b>Duluth, South Shore and Atlantic Railway.</b><br/>—"The Marquette Route."<br/>[Michigan, Wisconsin, Minnesota.]<br/>For year ending June 30, 1899.<br/>Total earnings..... \$2,007,724<br/>Operating expenses 1,332,372<br/>Net earnings..... \$675,352<br/>Other income..... 5,281<br/>Total net income. \$680,633<br/>Total payments.... 929,084<br/>Deficit..... \$248,451</p> | <p>Main Line, 517.44 m.; other branches, 52.28 m. Total mileage, 569.72.</p>   | <p>President, Samuel Thomas, New York; 1st Vice-President, T. G. Shaughnessy, Montreal, Can.; 2d Vice-President and General Manager, W. F. Fitch, Marquette, Mich.; Secretary, George H. Church, New York; General Offices, Marquette, Mich.; New York Office, 45 William Street, Manhattan Borough.</p>   |
| <p><b>Erie Railroad.</b><br/>[New York, New Jersey, Pennsylvania, Ohio, Indiana, Illinois.]<br/>For year ending June 30, 1899.<br/>Total earnings..... \$33,522,703<br/>Operating expenses 25,169,926<br/>Net earnings..... \$8,352,777<br/>Other income..... 557,376<br/>Total net income \$9,140,353<br/>Total payments.... 8,486,556<br/>Surplus..... \$653,798</p>                  | <p><i>Erie Division:</i> New York Div., 207 m.; Delaware Div., 123 m.; Susquehanna Div., 140 m.; Jefferson Div., 59 m.; Tioga Div., 65 m.; Rochester Div., 147 m.; Buffalo Div., 204 m.; Allegheny Div., 123 m.; Bradford Div., 71 m.<br/><i>Ohio Division:</i> Meadville Div., 228 m.; Cincinnati Div., 197 m.; Mahoning Div., 161 m.; Lima Div., 127 m.; Chicago Div., 142 m.<br/>Greenwood Lake Div., 48 m.; Northern R.R. of New Jersey, 28 m.; Orange Br., 4 m.; Caldwell Br., 6 m. Total mileage of Erie R. R., 2,166.</p> | <p>President, E. B. Thomas; 1st Vice-President, Geo. M. Cumming; 2d Vice-President, W. F. Merrill; 3d Vice-President, Andrew Donaldson; 4th Vice-President, G. G. Cochran; Secretary, J. A. Middleton. General Offices, 21 Cortlandt Street, Manhattan Borough, New York.<br/>Chicago and Erie R. R.—President, J. G. McCullough; Secretary, D. Bosman. General Offices, 21 Cortlandt Street, Manhattan Borough, New York.</p> |
| <p><b>Fitchburg Railroad.</b><br/>—"Hoosac Tunnel Route."<br/>[Massachusetts, New Hampshire, Vermont, New York.]<br/>For year ending June 30, 1899.<br/>Total earnings..... \$7,647,080<br/>Operating expenses 5,312,555<br/>Net earnings..... \$2,334,525<br/>Total payments..... 2,222,260<br/>Surplus..... \$112,265</p>   | <p>Main Line, Boston, Mass., to Troy, N. Y., 191 m.; Vermont to Rotterdam Junction, 61 m.; Ashburnham Junction to Bellows Falls, 54 m.; Saratoga and Schuylerville Br., 26 m.; Worcester Br., 36 m.; Marlboro and Hudson Br., 12 m.; Milford Br., 21 m.; Turner's Falls Br., 3 m.; Ashburnham Br., 3 m.; Bennington Br., 5 m.; Peterboro and Shirley Br., 24 m.; Monadnock Br., 16 m.; Watertown Br., 7 m. Total mileage, 459.</p>   | <p>President, E. D. Codman; General Traffic Manager, A. S. Crane. General Offices, Boston, Mass.</p>   |
| <p><b>Flint and Pere Marquette Railroad.</b><br/>[Michigan.]<br/>For year ending Dec. 31, 1898.<br/>Total earnings..... \$3,063,208<br/>Operating expenses 2,279,023<br/>Net earnings..... \$784,180<br/>Total payments..... 642,396<br/>Surplus..... \$141,284</p>   | <p>EXPRESS Co.—American; National.<br/>Main Line, 274.69 m.; Bay City Div., 14.65 m.; Flint River Div. 19.51 m.; Harbor Beach Div., 13.4 m.; Mt. Pleasant Div., 14 m.; Harrison Div., 17 m.; Port Austin Div., 92 m.; Eastern Div., 90 m.; Manistee Div., 27 m.; Almont Div., 34 m.; Detroit Br., 24.60 m. Total mileage, 625.75. "Ludington Line" steamers to Milwaukee, 93 miles, Ludington-Manitowoc Line, 53 miles.</p>  | <p>President, W. W. Crapo, New Bedford, Mass.; Secretary, H. C. Potter, Jr.; General Manager, S. T. Crapo. General Offices, Saginaw, Mich.</p>   |
| <p><b>Florida Central and Peninsular Railroad.</b><br/>[South Carolina, Georgia, Florida.]<br/>For year ending June 30, 1899.<br/>Total earnings.... \$2,701,165<br/>Operating expenses 1,747,293<br/>Net earnings.... \$953,872<br/>Other income..... 5,460<br/>Total net income \$959,332<br/>Total payments.... 628,678<br/>Surplus..... \$330,654</p>                               | <p>Northern Div., 232 m.; Western Div., 234 m.; Central and Southern Divs., 433 m. Total mileage, 949. This road is now part of the Seaboard Air Line System.</p>  | <p>President, J. S. Williams, Richmond, Va.; General Manager, E. St. John, Portsmouth, Va. General Offices, Jacksonville, Fla.; New York Offices, 32 Nassau Street, 371 Broadway, Manhattan Borough.</p>   |
| <p>EXPRESS Co.—Southern.</p>  |  |  |



**Principal Railroad Systems of United States & Canada.—con. 211**

| SYSTEMS, LOCATION, AND FINANCIAL DATA.   | Divisions, Mileage, and Operating Express.   | General Officers.   |
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| <p><b>Florida East Coast Railway.</b><br/>[Florida.]<br/>No financial report of this road obtainable. Road owned by Flagler interests.</p>   | <p>Jacksonville to Miami, 366 m.; Titusville Br., 47 m.; Orange City Junction Br., 27.4 m.; other branches, 7.6 m. Total mileage, 448. Also connects with Steamship Lines from Miami: Key West, Havana, Nassau, N. P.<br/>EXPRESS Co.—Southern.</p>      | <p>President, H. M. Flagler, New York; Vice-President and General Manager, J. R. Parrott; 2d Vice-President, R. W. Parsons; 3d Vice-President, J. E. Ingraham; Traffic Manager, J. P. Beckwith; Secretary, J. C. Saiter, New York. General Offices, St. Augustine, Fla.; New York Office, 26 Broadway, Manhattan Borough.</p> |
| <p><b>Fort Worth and Denver City Railway.</b>—"The Denver Road."<br/>[Texas.]<br/>For year ending Dec. 31, 1898.<br/>Total earnings..... \$1,479,434<br/>Operating expenses. 1,037,625<br/>Net earnings..... \$441,809<br/>Other income..... 17,830<br/>Total net income..... \$459,690<br/>Total payments.... 462,565<br/>Deficit..... \$2,875</p>  | <p>Fort Worth, Tex., to Texline, 462.4 m.<br/>EXPRESS Co.—Wells, Fargo &amp; Co.</p>   | <p>President, Frank Trumbull, Denver, Col.; Vice-President and Traffic Manager, D. B. Keeler, Fort Worth, Tex.; Vice-President, T. F. Dunaway, Denver, Col.; Secretary, George Strong, Fort Worth, Tex. General Offices, Fort Worth, Tex.; New York Office, 398 Broadway, Manhattan Borough.</p>                              |
| <p><b>Georgia and Alabama Railway.</b><br/>[Georgia and Alabama.]<br/>For year ending June 30, 1898.<br/>Total earnings..... \$1,270,104<br/>Operating expenses 963,018<br/>Net earnings.... \$307,086<br/>Fixed charges not reported by the company.</p>  | <p>Savannah, Ga., to Montgomery, Ala., 340 m.; Columbus Div., 39 m.; Albany Div., 49 m.; Fitzgerald Div., 31 m. Total mileage, 459. This road is now part of the Seaboard Air Line System.<br/>EXPRESS Co.—Southern.</p>                                 | <p>President, John S. Williams, Richmond, Va.; Vice-President and General Manager, E. St. John, Portsmouth, Va. General Offices, Savannah, Ga.; New York Office, 371 Broadway, Manhattan.</p>   |
| <p><b>Georgia Southern and Florida Ry.</b>—"Suwannee River Route."<br/>[Georgia and Florida.]<br/>For year ending June 30, 1898.<br/>Total earnings..... \$553,797<br/>Operating expenses 695,714<br/>Net earnings.... \$258,083<br/>Other income..... 3,301<br/>Total net income \$261,384<br/>Total payments.... 181,250<br/>Surplus..... \$80,134</p>   | <p>Macon, Ga., to Palatka, Fla., 285 m.<br/>EXPRESS Co.—Southern.</p>  | <p>President, Samuel Spencer, New York; Vice-President, Wm. C. Shaw; Secretary, Ben. C. Smith. General Offices, Macon, Ga.</p>  |
| <p><b>Grand Rapids and Indiana Railway.</b><br/>[Indiana and Michigan.]<br/>For year ending Dec. 31, 1898.<br/>Total earnings..... \$2,171,717<br/>Operating expenses 1,575,095<br/>Net earnings..... \$596,622<br/>Total payments.... 483,761<br/>Surplus..... \$112,861</p>  | <p>Richmond, Ind., to Mackinaw City Mich., 460 m.; Traverse City Div., 26 m.; Muskegon Div., 40 m.; Manistee Br., 19 m.; Harbor Springs Br., 6 m.; Lake City Br., 25 m.; other branches, 12 m. Total mileage, 558.<br/>EXPRESS Co.—Adams.</p>            | <p>President, James McCrea, Pittsburgh, Pa.; Vice-President, W. R. Shelby; General Manager, J. H. P. Hughart; Secretary, R. R. Metheany. General Offices, Grand Rapids, Mich.</p>   |
| <p><b>Grand Trunk Railway.</b><br/>[Maine, New Hampshire, Vermont, Quebec, Ontario, Illinois, Indiana, Michigan.]<br/>For year ending June 30, 1898.<br/>Total earnings.... \$25,056,145<br/>Operating expenses 17,323,517<br/>Net earnings..... \$7,732,628<br/>Other income..... 1,616,576<br/>Total net income. \$8,744,204<br/>Total payments.... 6,993,752<br/>Surplus..... \$1,750,452</p> | <p>Eastern Div., 948 m.; Middle Div., 1,497 m.; Northern Div., 895 m.; Western Div., 846 m. Total mileage, 4,186.<br/>EXPRESS Co.—Canadian. On Chicago and Grand Trunk Ry., National.</p>  | <p>President, C. Rivers Wilson, London, Eng.; General Manager, Chas. M. Hays. General Offices, Montreal, Quebec; New York Office, 290 Broadway, Manhattan Borough.</p>  |
| <p><b>Great Northern Railway.</b><br/>[Minnesota, North Dakota, South Dakota, Montana, Idaho, Washington.]<br/>For year ending June 30, 1898.<br/>Total earnings.... \$25,017,908<br/>Operating expenses 16,115,679<br/>Net earnings.... \$8,902,224<br/>Other income..... 2,673,825<br/>Total net income. \$11,576,049<br/>Total payments.... 9,788,957<br/>Surplus..... \$1,787,092</p>        | <p>Great Northern Ry., 4,092.33 m.; Eastern Ry. of Minnesota, 339.44 m.; Montana Central Ry., 261.69 m.; Wilmar and Sioux Falls Ry., 205.25 m.; Duluth, Watertown and Pacific Ry., 69.84 m. Total mileage, 4,963.65.<br/>EXPRESS Co.—Great Northern.</p> | <p>President, J. J. Hill; Vice-President, W. P. Clough; 2d Vice-President, D. Miller; 3d Vice-President, James N. Hill; Secretary, E. T. Nichols, New York; General Traffic Manager, F. B. Clarke. General Offices, St. Paul, Minn.; New York Offices, 27 Pine Street, 375 Broadway, Manhattan Borough.</p>                   |

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| SYSTEMS, LOCATION, AND FINANCIAL DATA.  | Divisions, Mileage, and Operating Express.   | General Officers.   |
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| <p><b>Houston and Texas Central Railroad.</b><br/>[Texas.]<br/>For year ending June 30, 1899.<br/>Total earnings..... \$3,805,626<br/>Operating expenses. 2,414,001<br/>Net earnings..... \$1,391,625<br/>Other income..... 700<br/>Total net income. \$1,392,325<br/>Total payments..... 924,422<br/>Surplus..... \$467,903</p>  | <p>Main Line, 338 m.; Western Div., 115 m.; Waco Br., 47 m. Total mileage, 500.<br/>EXPRESS CO.—Wells, Fargo &amp; Co.</p>   | <p>President, Thomas H. Hubbard, New York; Vice-President and General Manager, G. A. Quinlan; Secretary, E. W. Cave; Traffic Manager, C. W. Bein. General Offices, Houston, Tex.; New York Offices, 23 Broad Street and 349 Broadway, Manhattan Borough.</p>  |
| <p><b>Illinois Central Railroad.</b><br/>[Illinois, Indiana, Wisconsin, Iowa, Minnesota, South Dakota, Kentucky, Tennessee, Mississippi, Louisiana, Alabama.]<br/>For year ending June 30, 1899.<br/>Total earnings..... \$28,114,689<br/>Operating expenses 19,562,262<br/>Net earnings..... \$8,552,427<br/>Other income..... 2,581,078<br/>Total net income. \$11,133,505<br/>Total payments.... 1,089,544<br/>Surplus..... \$43,961</p> | <p>Illinois Central R. R., 705.50 m.; Kankakee and Southwestern R. R., 131.26 m.; Chicago and Springfield R. R., 111.47 m.; Chicago, Havana and Western R. R., 131.62 m.; Rantoul R. R., 74.43 m.; Chicago, Madison and Northern R. R., 231.30 m.; St. Louis Div. (St. L., A. &amp; T. H. R. R.), 239.04 m.; Chicago and Texas R. R., 78.70 m.; Dubuque and Sioux City R. R., 599.59 m.; Chicago, St. Louis and N. O. R. R., 1,244.88 m.; other branches, 130.95 m. Total mileage, 3,678.74.<br/>Yazoo and Miss. Val. R. R., 969.13 m.<br/>EXPRESS CO.—American.</p> | <p>President, Stuyvesant Fish, New York; Vice-President, J. C. Welling; 2d Vice-President, J. T. Harahan; Secretary, A. G. Hackstaff, New York. General Offices, Chicago, Ill.; New York Offices, 214 and 387 Broadway, Manhattan Borough.<br/>General Offices, Yazoo and Mississippi Valley R. R., Memphis, Tenn., and Chicago, Ill.</p>                         |
| <p><b>Intercolonial Railway.</b><br/>[Nova Scotia, New Brunswick, Quebec.]<br/>For year ending June 30, 1898.<br/>Total earnings..... \$3,117,670<br/>Operating expenses. 3,257,649<br/>Deficit..... \$139,979</p>  | <p>Halifax and Montreal Line, 836.73 m.; St. John Br., 89.22 m.; Truro and Sydney Line, 214.17 m.; Oxford and Pictou Br., 69.10 m.; other branches, 105.65 m. Total mileage, 1,314.87.<br/>EXPRESS CO.—Canadian; Dominion.</p>   | <p>General Manager, D. Pottinger. General Offices, Moncton, N. B.</p>   |
| <p><b>International and Great Northern Railroad.</b><br/>[Texas.]<br/>For year ending Dec. 31, 1898.<br/>Total earnings..... \$3,990,854<br/>Operating expenses. 2,789,500<br/>Net earnings..... \$1,201,354<br/>Other income..... 1,867<br/>Total net income.. \$1,203,221<br/>Total payments.... 1,156,700<br/>Surplus..... \$46,521</p>  | <p>Gulf Div., 283 m.; Columbia Br., 50 m.; San Antonio Div., 415 m.; other branches, 78 m. Total mileage, 825.<br/>EXPRESS CO.—Pacific.</p>  | <p>President, George J. Gould, New York; 1st Vice-President, S. H. H. Clark, Omaha, Neb.; 2d Vice-President, Frank J. Gould, New York; 3d Vice-President and General Superintendent, L. Trice; Secretary, A. R. Howard; Asst. Secretary, H. B. Henson, New York. General Offices, Palestine, Tex.; New York Offices, 195 and 391 Broadway, Manhattan Borough.</p> |
| <p><b>Iowa Central Railway.</b><br/>[Iowa and Illinois.]<br/>For year ending June 30, 1899.<br/>Total earnings..... \$2,135,550<br/>Operating expenses 1,495,679<br/>Net earnings..... \$639,871<br/>Interest, taxes, etc. 624,540<br/>Surplus..... \$15,331</p>  | <p>North and South Divs., 169 m.; Eastern and Illinois Divs., 190 m.; State Centre Br., 27 m.; Newton Br., 30 m.; Belmont Br., 64 m.; Stony City Br., 39 m.; Montezuma Br., 14 m.; Albia and Centreville Ry., 24 m. Total mileage, 557.<br/>EXPRESS CO.—Adams.</p>   | <p>President, R. J. Kimball, New York; Vice-President, Geo. R. Moore, New York; Acting General Manager, J. N. Tittlemore, Marshalltown, Iowa; Secretary, S. S. Jones, New York. General Offices, Marshalltown, Iowa; New York Office, 20 Broad Street, Manhattan Borough.</p>   |
| <p><b>Kansas City, Fort Scott and Memphis Railroad</b><br/>[Alabama, Mississippi, Tennessee, Arkansas, Missouri, Kansas.]<br/>For year ending June 30, 1899.<br/>Total earnings..... \$6,203,243<br/>Operating expenses 4,364,088<br/>Net earnings..... \$1,839,155<br/>Other income..... 41,667<br/>Total net income.. \$1,880,822<br/>Fixed charges..... 1,852,488<br/>Surplus..... \$28,334</p>  | <p>Main Line, 735 m.; Rich Hill Br., 24 m.; Kansas City and Joplin Div., 79 m.; Current River R. R., 81 m.; Kansas City, Clinton and Springfield Ry., 154 m.; Bessemer Br., 11 m.; Cherryvale Line, 74 m.; Aberdeen Br., 13 m.; Aurora Div., 33 m. Total mileage, 1,204.<br/>EXPRESS CO.—On lines north of Springfield, Mo., Adams; on lines south of Springfield, Mo., Southern.</p>  | <p>Chairman Board Directors, H. H. Hunnewell, Boston, Mass.; President and General Manager, Edward S. Washburn; Secretary, C. Merriam, Boston, Mass. General Offices, Kansas City, Mo.</p>  |
| <p><b>Kansas City, Pittsburg and Gulf Railroad.</b><br/>"Port Arthur Route."<br/>[Missouri, Indian Ter., Arkansas, Texas, Louisiana.]<br/>For year ending June 30, 1899.<br/>Total earnings..... \$3,593,505<br/>Operating expenses 2,678,499<br/>Net earnings..... \$915,006<br/>Other income..... 39,874<br/>Total net income. \$954,880<br/>Total payments.... 1,271,882<br/>Deficit..... \$317,008</p>                                  | <p>Kansas City, Mo., to Port Arthur, Tex., 786 m.; other branches, 45 m. Total mileage, 831.<br/>EXPRESS CO.—Wells, Fargo &amp; Co.</p>  | <p>Receivers, S. W. Fordice and W. Withers; General Manager, J. A. Edson. General Offices, Kansas City, Mo.; New York Office, 1 Nassau Street, Manhattan Borough.</p>   |

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| SYSTEMS, LOCATION, AND FINANCIAL DATA.   | Divisions, Mileage, and Operating Express.   | General Officers.  |
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| <p><b>Lake Erie and Western Railroad.</b>—“<b>Natural Gas Route.</b>”<br/>[Ohio, Indiana, Illinois.]<br/><i>For year ending June 30, 1899.</i><br/>Total earnings.....\$3,538,407<br/>Operating expenses 1,970,622<br/>Net earnings.....\$1,567,785<br/>Interest, taxes, etc.... 775,550<br/>Surplus.....\$792,235</p>   | <p>Main Line, 420 m.; Indianapolis and Michigan City Div., 162 m.; Fort Wayne and Connorsville Div., 109 m.; Rushville Br., 24 m.; Minster Br., 10 m.; Northern Ohio Ry., 161.75 m. Total mileage, 886.75.<br/><b>EXPRESS Co.</b>—United States.</p>   | <p>Chairman of Board, F. W. Whitridge; President, _____; Vice-President and Secretary, L. M. Schwan, New York; Vice-President and General Manager, George L. Bradbury, Chicago, Ill. General Offices, 80 Broadway, Manhattan Borough, New York; Chicago, Ill., and Indianapolis, Ind.</p>                |
| <p><b>Lake Shore and Michigan Southern Railway</b><br/>[New York, Pennsylvania, Ohio, Michigan, Indiana, Illinois.]<br/><i>For year ending June 30, 1899.</i><br/>Total earnings.....\$21,649,206<br/>Operating expenses 13,901,574<br/>Net earnings.....\$7,747,632<br/>Other income..... 292,108<br/>Total net income \$8,039,740<br/>Total payments.... 7,252,692<br/>Surplus.....\$787,648</p> | <p>Eastern Div., 185 m.; Toledo Div., 190 m.; Michigan Div., 286 m.; Western Div., 101 m.; Franklin Div., 137 m.; Detroit Div., 159 m.; Lansing Div., 224 m.; Kalamazoo Div., 131 m. Total mileage, 1,413.<br/><b>EXPRESS Co.</b>—Buffalo to Cleveland, American; Buffalo to Chicago, United States.</p>   | <p>Chairman of the Board, Chauncey M. Depew, New York; President, W. H. Newman, Cleveland, O.; Vice-President and Secretary, E. D. Worcester, New York; General Superintendent, P. S. Blodgett, Cleveland, O. General Offices, Grand Central Station, Manhattan Borough, New York, and Cleveland, O.</p> |
| <p><b>Lehigh Valley Railroad.</b><br/>[New York, New Jersey, Pennsylvania.]<br/><i>For year ending Nov. 30, 1898.</i><br/>Total earnings.....\$19,742,537<br/>Operating expenses 14,188,227<br/>Net earnings.....\$5,554,310<br/>Other income..... 1,244,945<br/>Total net income.\$6,799,255<br/>Fixed charges..... 6,325,151<br/>Surplus.....\$474,104</p>                                       | <p>Main Line, New York to Sayre, Pa., 268.37 m.; Lehigh Valley Ry. of N. Y. and branches, N. Y. State Line to Buffalo, 280.86 m.; Coal Branches, 115.60 m.; Pottsville Div., 39.63 m.; L. and N. Y. R. R., 115.37 m.; Bowman's Creek Br. and State Line and Sullivan R. R., 74.65 m.; Elmira and Cortland Br., 139.14 m.; Naples Br., 29.4 m.; Montrose Ry., 37.24 m.; other branches, 239.30 m. Total mileage 1,330.60.<br/><b>EXPRESS Co.</b>—United States.</p>   | <p>President, Alfred Walter; Vice-President, John B. Garrett, New York; Secretary, John R. Fanshawe; General Traffic Manager, H. H. Kingston, New York. General Offices, Philadelphia, Pa.; New York Office, 26 Cortlandt Street, Manhattan Borough.</p>   |
| <p><b>Long Island Railroad.</b><br/>[Long Island, New York.]<br/><i>For year ending June 30, 1899.</i><br/>Total earnings.....\$4,622,474<br/>Operating expenses 3,311,371<br/>Net earnings.....\$1,311,103<br/>Other income..... 161,999<br/>Total net income.\$1,473,102<br/>Total payments.... 1,223,031<br/>Surplus.....\$250,071</p>  | <p>Main Line, Long Island City to Greenport, 94.42 m.; Long Island City to Great Neck, 13.59 m.; Bushwick to Sag Harbor, 95.66 m.<br/>Branches—Floral Park to Creedmoor, 1.91 m.; Mineola to Oyster Bay, 14.56 m.; Mineola to Hempstead Crossing, 1.50 m.; Hicksville to Old Northport, 15.05 m.; Manor to Eastport Junction, 5.49 m.; Whitestone Junction to Whitestone Landing, 4.82 m.; Flushing Junction to Bushwick Junction, 1.63 m.; Valley Stream to New York and Rockaway Beach R. R. Junction, 5.53 m.; Pearsalls to Long Beach, 6.41 m.; Long Island City to Flushing Junction, 2.29 m.; Floral Park to Babylon, 19.56 m.; Garden City to Hempstead, 1.23 m.<br/>Leased Lines—New York and Rockaway B. R. R., 5.17 m.; North Shore Branch, 30.29 m.; Manhattan Beach Ry., 18.99 m.; Brooklyn and Jamaica R. R., 10.23 m.; Montauk Ext. R. R., 20.84 m.; N. Y. Bay Extension R. R., 6.12 m.; Great Neck and Pt. Washington R. R., 4.19 m. Total mileage, 379.43.<br/><b>EXPRESS Co.</b>—Long Island.</p> | <p>President, W. H. Baldwin, Jr.; Vice-President, Charles M. Pratt, New York City. General Offices, Long Island City, Queens Borough, New York, and 32 Nassau Street, Manhattan Borough, New York.</p>   |
| <p><b>Louisville, Evansville and St. Louis Consolidated Railroad.</b>—“<b>Air Line.</b>”<br/>[Kentucky, Indiana, Illinois, Missouri.]<br/><i>For year ending June 30, 1899.</i><br/>Total earnings.....\$1,630,164<br/>Operating expenses, 1,160,969<br/>Net earnings.....\$469,195<br/>Other income..... 24,252<br/>Total net income. \$493,447<br/>Fixed charges not reported.</p>               | <p>Louisville to St. Louis, 273 m.; Evansville Div., 54 m.; Rockport Div., 16 m.; Lincoln City and Cannelton Div., 23 m.; Venice Br., 7 m.; Belleville Br., 1 m. Total mileage, 374.<br/><b>EXPRESS Co.</b>—Adams.</p>   | <p>Receiver and General Manager, Geo. T. Jarvis. General Offices, Louisville, Ky.</p>  |

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**SYSTEMS, LOCATION, AND FINANCIAL DATA.**

**Louisville and Nashville Railroad.**

[Kentucky, Indiana, Illinois, Virginia, Tennessee, Alabama, Florida, Louisiana, Mississippi.]  
 For year ending June 30, 1899.  
 Total earnings.....\$23,759,486  
 Operating expenses 15,731,588  
 Net earnings..... \$8,027,898  
 Other income..... 540,645  
 Total net income \$8,568,543  
 Total payments... 7,789,643  
 Surplus..... \$778,900

**Maine Central Railroad.**  
 [Maine, New Hampshire, Vermont, Quebec.]

For year ending June 30, 1899.  
 Total earnings..... \$5,022,097  
 Operating expenses 3,233,337  
 Net earnings..... \$1,788,760  
 Other income..... 81,071  
 Total net income \$1,819,831  
 Total payments.... 1,368,178  
 Balance..... \$451,653  
 Dividends, etc..... 397,976  
 Surplus..... \$53,677

**Michigan Central R.R.**  
 [New York, Ontario, Michigan, Ohio, Indiana, Illinois.]

For year ending Dec. 31, 1898.  
 Total earnings.....\$14,046,143  
 Operating expenses 10,545,972  
 Net earnings..... \$3,500,176  
 Other income.... 44,678  
 Total net income. \$3,544,854  
 Interest, rentals, dividends, and Canada So. Ry... 3,540,121  
 Surplus..... \$4,733

**Minneapolis & St. Louis Railroad.—“Albert Lea Route.”**

[Minnesota, Iowa, S. Dakota.]  
 For year ending June 30, 1899.  
 Total earnings.....\$2,500,004  
 Operating expenses 1,522,705  
 Net earnings..... \$977,299  
 Other income..... 140,905  
 Total net income. \$1,118,202  
 Total payments.... 954,123  
 Surplus..... \$164,079

**Minneapolis, St. Paul and Sault Ste. Marie Railway.—“Soo Line.”**

[Michigan, Wisconsin, Minnesota, North Dakota.]  
 For year ending June 30, 1899.  
 Total earnings..... \$4,413,312  
 Operating expenses 2,704,033  
 Net earnings..... \$1,709,279  
 Fixed charges..... 1,384,221  
 Surplus..... \$375,058

**Mobile and Ohio R.R.**  
 [Missouri, Illinois, Kentucky, Tennessee, Mississippi, Alabama.]

For year ending June 30, 1899.  
 Total earnings..... \$4,128,368  
 Operating expenses 3,079,522  
 Net earnings..... \$1,048,866  
 Other income..... 402,764  
 Total net income. \$1,451,630  
 Total payments... 1,416,275  
 Surplus..... \$35,355

**Divisions, Mileage, and Operating Express.**

Cincinnati to Louisville, 110 m.; Louisville to Nashville, 186 m.; Nashville to New Orleans, 625 m.; Memphis Junction to Memphis, 259 m.; St. Louis to Nashville, 320 m.; Louisville to Lexington, 94 m.; other branches, 1,564 m. Total mileage, 3,158.

EXPRESS CO.—Adams Express for places north of Nashville, Guthrie, and Henderson. Southern Express for places on Henderson Division from Henderson to Nashville; the Memphis Line, Guthrie to Memphis, and lines south of Nashville.

Portland to Vanceboro, via Augusta, 250.90 m.; Cumberland Junction to Skowhegan, 91.20 m.; Bath to Lewiston and Farmington, 76.30 m.; Belfast Br., 33.13 m.; Dexter Br., 30.77 m.; Bucksport Br., 18.80 m.; Stillwater Br., 3.01 m.; Enfield Br., 3.03 m.; Mt. Desert Br. (including Steam Ferry), 48.83 m.; Portland to Lunenburg, 109.10 m.; Quebec Junction to Lime Ridge, 108.18 m.; Bath to Rockland (including Steam Ferry), 48.99 m. Total mileage, 822.98.

EXPRESS CO.—American.

Main Line, Buffalo to Chicago, 535.4 m.; Toledo Div., 59 m.; St. Clair Div., 66.4 m.; Grand Rapids Div., 94.5 m.; Maclinac Div., 182.3 m.; Air Line Div., 103.7 m.; Saginaw Div., 115.3 m.; Bay City Div., 169 m.; Saginaw Bay and N. W. Div., 62.9 m.; other branches, 315.1 m. Total mileage, 1,643.6.

EXPRESS CO.—American.

Albert Lea and Southern Divs., 261.36 m.; Western and Pacific Divs., 216.87 m.; Southwestern Div., 164 m. Total mileage, 632.23.

EXPRESS CO.—United States.

Wisconsin and Peninsula Div., 494.1 m.; Minnesota Div., 550.3 m.; Bismarck Line, 191.5 m.; Rapid River Br., 23 m. Total mileage, 1,263.9.

EXPRESS CO.—Western.

Main Line, Cairo, Ill., to Mobile, Ala., 493 m.; Aberdeen Br., 9 m.; Starkville Br., 11 m.; Artesia, Miss., to Montgomery, Ala., 182 m.; Warrior Br., 9 m.; Blocton Br., 13 m.; St. Louis, Mo., to Cairo, Ill. (operated under lease), 152 m.; Millstadt Br., 7 m. Total mileage, 876. Mobile and Bay Shore Ry., 42.34 m.

EXPRESS CO.—Southern.

**General Officers.**

President, Milton H. Smith, Louisville, Ky.; Chairman of Board, August Belmont, New York; 1st Vice-President, Stuart R. Knott, Louisville, Ky.; 2d Vice-President, A. M. Quarrier, New York; Secretary, J. H. Ellis; General Manager, J. G. Metcalfe. General Offices, Louisville, Ky.; New York Offices, 120 and 353 Broadway, Manhattan Borough.

President, Lucius Tuttle; Vice-President and General Manager, George F. Evans. General Offices, Portland, Me.

Chairman of the Board, Chauncey M. Depew, New York; President, H. B. Ledyard, Detroit, Mich.; Vice-President and Secretary, E. D. Worcester, New York. General Offices, Grand Central Station, Manhattan Borough, New York; Chicago, Ill.; Detroit, Mich.

President, Edwin Hawley, New York; Vice-President and General Manager, L. F. Day; Secretary, Jos. Gaskell. General Offices, Minneapolis, Minn.; New York Offices, 17 Broad Street and 349 Broadway, Manhattan Borough.

President, Thomas Lowry; Vice-President, John Martin; General Manager, E. Pennington; Secretary, C. F. Clement. General Offices, Minneapolis, Minn.; New York Offices, 69 Wall Street, 353 Broadway, Manhattan Borough.

Chairman of the Board, W. Butler Duncan, New York; President, E. L. Russell, Mobile, Ala.; Vice-President, J. H. Fay, New York; Secretary, Henry Tacon, Mobile, Ala. General Offices, Mobile, Ala.; New York Office, 11 Pine Street, Manhattan Borough.

SYSTEMS, LOCATION, AND FINANCIAL DATA.

**Missouri, Kansas and Texas Railway.**—  
"The Katy Route."

[Missouri, Kansas, Indian Territory, Texas.]  
For year ending June 30, 1899.  
Total earnings.....\$11,930,334  
Operating expenses 8,012,826  
Net receipts.....\$3,917,506  
Other income..... 61,588  
Total net income.....\$3,979,094  
Total payments.... 3,490,411  
Surplus.....\$648,683

**Missouri Pacific Rail-  
way.**

[Missouri, Kansas, Nebraska, Colorado, Indian Territory, Arkansas, Louisiana.]  
For year ending June 30, 1899.  
(Including Iron Mountain Line.)  
Total earnings.....\$23,866,616  
Operating expenses 18,010,583  
Net earnings..... \$5,856,033  
Other income..... 1,066,020  
Total net income \$6,922,053  
Total payments... 5,870,589  
Surplus.....\$1,051,464

**Nashville, Chattanooga and St. Louis Railway**  
—"Lookout Mountain Route."

[Georgia, Alabama, Tennessee, Kentucky.]  
For year ending June 30, 1899.  
Total earnings.....\$6,618,861  
Operating expenses. 4,438,447  
Net earnings.....\$2,180,414  
Other income..... 30,481  
Total net income \$2,210,895  
Total payments..... 1,956,100  
Surplus..... \$254,795

**New England Railroad.**

**New York Central and Hudson River Rail-  
road.**

[New York, New Jersey, Pennsylvania.]  
For year ending June 30, 1899.  
Total earnings... \$46,184,657  
Operating expenses 29,128,981  
Net earnings.....\$17,055,676  
Other income..... 4,324,672  
Total net income.\$21,380,348  
Total payments.... 15,765,296  
Surplus..... \$5,615,052

The report covers the operations of the system east of Buffalo, with the exception of the leased lines: Syracuse, Geneva and Corning Ry., Fall Brook Ry., Pine Creek Ry., Beech Creek R. R., Dunkirk, Allegheny Valley and Pittsburgh R. R., Walkkill Valley R. R.

Divisions, Mileage, and Operating Express.

*Missouri, Kansas & Texas:* St. Louis to Denison (St. Louis Division), 658 m.; Kansas City to Stevens, 173 m.; Hannibal to Franklin Junction, 105 m.; Junction City to Parsons, 157 m.; Paola to Kansas City Junction, 86 m.; McAlester to Krebs, 5 m.; Atoka to Coalgate, 14 m.; Labette to Mineral City (Mineral Ry.), 17 m.

*Missouri, Kansas & Texas Ry. of Texas:* Denison to Houston (via Greenville, Dallas, and Hillsboro), 445 m.; Denison to Hillsboro (via Fort Worth), 151 m.; Denison to Sherman, 11 m.; Greenville to Mineola, 50 m.; Denton to Dallas, 37 m.; Whitesboro to Henrietta, 86 m.; Echo to Belton, 7 m.; Smithville to San Marcos, 55 m.; Trinity to Colmesneil, 66 m.; Warner to Ray, 6 m.; Henrietta to Wichita Falls (operated for Wichita Falls Ry.), 18 m.; Houston to Galveston (joint track), 50 m. Total mileage, 2,197.

EXPRESS Co.—American.

Missouri Pacific Ry., 1,513 m.; Missouri Pacific Ry. Independent Br. Lines, 1,651 m.; St. Louis, Iron Mountain and Southern Ry., 1,773 m.; Central Br. Ry., 338 m. Total mileage, 5,325.

EXPRESS Co.—Pacific.

Main Line, 457 m.; McMinnville Br., 69 m.; Sequatchie Valley R. R., 62 m.; Tracy City Br., 20 m.; Centreville Br., 63 m.; Shelbyville Br., 8 m.; Lebanon Br., 31 m.; Western and Atlantic R. R., 156 m.; Huntsville and Gadsden Line, 122 m.; Columbia Line, 66 m.; Memphis and Paducah Div., 254 m.; Jeff Line, 30 m. Total mileage, 1,338.

EXPRESS Co.—Southern (probably).

Now part of New York, New Haven

and Hartford R. R., which see.  
New York Central and Hudson River R. R., 819.45 m.; Troy and Greenbush R. R., 6 m.; Spuyten Duyvil and Port Morris R. R., 6.04 m.; West Shore R. R., 495.20 m.; New Jersey Junction R. R., 4.85 m.; New York and Harlem R. R., 135.90 m.; Rome, Watertown and Ogdensburg R. R., 624.35 m.; Dunkirk, Allegheny Valley and Pittsburgh R. R., 90.60 m.; Beech Creek R. R., 157.88 m.; Mohawk and Malone Ry., 181.50 m.; Carthage and Adirondack Ry., 46.10 m.; Gouverneur and Oswegatchie R. R., 13.05 m.; New York and Putnam R. R., 61.21 m.; Tivoli Hollow R. R., 1.23 m.; Fall Brook Ry., 100.70 m.; Pine Creek Ry., 74.80 m.; Syracuse, Geneva and Corning Ry., 64.82 m.; Walkkill Valley R. R., 32.88 m. Total mileage, 2,916.06.

EXPRESS Co.—American. National Express on West Shore R. R.

General Officers.

General Officers of the System—President, Henry C. Rouse, New York; Vice-President and General Manager, A. A. Allen, St. Louis, Mo.; Traffic Manager, C. Haile, St. Louis, Mo.; Vice-President, Chas. G. Hedge, New York; Secretary, S. Halline, New York. Officers of Missouri, Kansas & Texas Ry. Co. of Texas—Vice-President and General Manager, A. A. Allen, St. Louis, Mo.; 2d Vice-President, J. N. Simpson, Dallas, Tex.; Secretary, Elton Hoyt, Dallas, Tex. General Offices—St. Louis, Mo.; Parsons, Kan.; Dallas, Tex.; New York Offices, 45 Wall Street and 309 Broadway, Manhattan Borough.

President, George J. Gould, New York; Vice-President, C. G. Warner, St. Louis, Mo.; General Manager, W. B. Doddridge, St. Louis, Mo.; Secretary, A. H. Caley, New York. General Offices, St. Louis, Mo.; New York Offices, 195 and 391 Broadway, Manhattan Borough.

President, J. W. Thomas; General Manager, J. W. Thomas, Jr.; Traffic Manager, H. F. Smith; Secretary, J. H. Ambrose. General Offices, Nashville, Tenn.; New York Offices, 120 Broadway, Manhattan Borough. General Offices of Western and Atlantic R. R., Atlanta, Ga.

Chairman of the Board, Chauncey M. Depew; President, S. R. Callaway; 1st Vice-President, Charles C. Clarke; 2d Vice-President, Horace J. Hayden; Secretary, E. D. Worcester; Treasurer, E. V. W. Rossiter; Comptroller, J. Carstensen; General Superintendent, Edgar Van Etten. Operating Offices, Grand Central Station, Fourth Avenue and Forty second Street, Manhattan Borough, New York. General Offices, Albany, N. Y.

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| SYSTEMS, LOCATION, AND FINANCIAL DATA.   | Divisions, Mileage, and Operating Express.  | General Officers.   |
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| <p><b>New York, Chicago and St. Louis Railroad.—“Nickel Plate Road.”</b><br/>                     [New York, Pennsylvania, Ohio, Indiana, Illinois.]<br/> <i>For year ending Sept. 30, 1898.</i><br/>                     Total earnings..... \$6,274,734<br/>                     Operating expenses 5,355,043<br/>                     Net earnings..... \$899,691<br/>                     Other income..... 6,803<br/>                     Total net income..... \$896,493<br/>                     Fixed charges..... 777,000<br/>                     Surplus..... \$119,493</p> | <p>Buffalo, N. Y., to Chicago, Ill., 523 m.<br/>                     EXPRESS Co.—National.</p>  | <p>Chairman of the Board, Chauncey M. Depew, New York; President, W. H. Canniff, Cleveland, O.; Secretary, Chas. F. Cox, New York. General Offices, Cleveland, O.; New York Offices, Grand Central Station, Manhattan Borough.</p>            |
| <p><b>New York, New Haven and Hartford Railroad.</b><br/>                     [Massachusetts, Rhode Island, Connecticut, New York.]<br/> <i>For year ending June 30, 1899.</i><br/>                     Total earnings..... \$37,143,917<br/>                     Operating expenses 25,581,256<br/>                     Net earnings..... \$11,562,661<br/>                     Other income..... 623,423<br/>                     Total net income..... \$12,186,084<br/>                     Total payments.... 11,978,801<br/>                     Surplus..... \$207,283</p>      | <p>New York Div., 92 m.; Hartford Div., 155 m.; Highland Div., 183 m.; Midland Div., 148 m.; Norwich Div., 89 m.; Central Div., 86 m.; New London Div., 50 m.; Valley Div., 46 m.; Northampton Div., 142 m.; Naugatuck Div., 61 m.; Berkshire Div., 148 m.; Danbury Div., 74 m.; Worcester Div., 89 m.; Stonington Div., 86 m.; other divisions (Eastern District), 645 m. Total mileage, 2,047. Marine District is composed of the Fall River Line, Providence Line, Norwich Line, and Stonington Line steamboats.<br/>                     EXPRESS Co.—Adams.</p> | <p>President, John M. Hall; Vice-President, Wm. D. Bishop, Sr.; General Manager, W. E. Chamberlain, Boston. General Offices, New Haven, Ct.; New York Offices, Grand Central Station; Marine District, Pier 19, N. R., Manhattan Borough.</p> |
| <p><b>New York, Ontario and Western Railway.</b><br/>                     [New York, Pennsylvania.]<br/> <i>For year ending June 30, 1899.</i><br/>                     Total earnings..... \$4,346,163<br/>                     Operating expenses and taxes..... 2,835,861<br/>                     Net earnings..... \$1,510,302<br/>                     Other income..... 167,918<br/>                     Total net income..... \$1,678,220<br/>                     Total payments.... 1,054,502<br/>                     Surplus..... \$623,718</p>                            | <p>Main Line, Cornwall, N. Y., to Oswego, N. Y., 271.75 m.; Delhi Br., 16.84 m.; Wharton Valley R.R., 6.80 m.; New Berlin Br., 22.38 m.; Utica Div., 31.30 m.; Rome Br., 12.78 m.; Scranton Div., 54.05 m.; Ellenville Br., 7.80 m.; Pecksport Ry., 3.69 m.; Weehawken, N. J., to Cornwall, N. Y. (trackage rights), 53.07 m. Total mileage, 480.46.<br/>                     EXPRESS Co.—Adams.</p>  | <p>President, Thomas P. Fowler; Vice-President, J. B. Kerr; General Manager, J. E. Childs; Secretary, R. D. Rickard. General Offices, 56 Beaver Street, Manhattan Borough, New York.</p>  |
| <p><b>New York, Susquehanna &amp; Western Railroad.</b><br/>                     [New Jersey and New York.]<br/> <i>For year ending June 30, 1899.</i><br/>                     Total earnings.... \$2,446,653<br/>                     Operating expenses 1,868,821<br/>                     Net earnings..... \$1,083,032<br/>                     Other income..... 28,903<br/>                     Total net income..... \$1,111,935<br/>                     Total payments.... 945,147<br/>                     Surplus..... \$166,788</p>                                       | <p>Main Line, Jersey City, N. J., to Stroudsburg, Pa., 101 m.; Wilkes-Barre &amp; Eastern R.R., 65 m.; Middletown Div., 34.2 m.; other branches, 83 m. Total mileage, 232.2.<br/>                     EXPRESS Co.—National.</p>   | <p>President, E. B. Thomas; 1st Vice-President, G. M. Cumming; 2d Vice-President, W. F. Merrill; Secretary, J. A. Middleton. General Offices, 21 Cortlandt Street, Manhattan Borough, New York.</p>   |
| <p><b>Norfolk and Western Railway.</b><br/>                     [Maryland, West Virginia, Virginia, North Carolina, Ohio.]<br/> <i>For year ending June 30, 1899.</i><br/>                     Total earnings..... \$11,827,139<br/>                     Operating expenses 7,939,103<br/>                     Net earnings..... \$3,888,036<br/>                     Other income..... 23,364<br/>                     Total net income..... \$3,911,400<br/>                     Total payments.... 2,241,714<br/>                     Surplus..... \$1,669,686</p>                  | <p>Main Line, 1,434.62 m.; branches, 116.13 m. Total mileage, 1,550.75.<br/>                     EXPRESS Co.—Southern.</p>  | <p>President, Henry Fink, New York; General Manager, L. E. Johnson, Roanoke, Va.; Secretary, A. J. Hemphill, New York. General Offices, Roanoke, Va.; New York Offices, 40 Exchange Place and 487 Broadway, Manhattan Borough.</p>            |

| SYSTEMS, LOCATION, AND FINANCIAL DATA.   | Divisions, Mileage, and Operating Express.   | General Officers.   |
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| <p><b>Northern Pacific Rail-<br/>way.</b><br/>[Wisconsin, Minnesota, North Dakota, Montana, Idaho, Washington, Oregon, Man-<br/>itoba.]<br/>For year ending June 30, 1899.<br/>Total earnings.....\$26,048,673<br/>Operating expenses 12,349,452<br/>Net earnings.....\$13,699,221<br/>Other income.....1,001,607<br/>Total net income.\$14,700,828<br/>Total payments....13,667,546<br/>Surplus.....\$1,033,282</p>   | <p>St. Paul, Minn., to Portland, Ore., 2,056 m.; other divisions and branches, 2,579 m. Total mileage, 4,635.<br/>This company also operates the North Pacific S.S. Line from Tacoma, Wash., to Victoria, China, and Japan, and from Seattle, Wash., to Victoria, V. I.<br/>EXPRESS Co.—Northern Pacific.</p>  | <p>President, C. S. Mellen; Vice-President, D. S. Lamont, New York; 2d Vice-President, J. W. Kendrick; 3d Vice-President, J. M. Hannaford; Secretary, G. H. Earl, New York, General Offices, St. Paul, Minn.; New York Offices, 35 Wall Street and 319 Broadway, Manhattan Borough.</p>   |
| <p><b>“Northwestern Line.”</b><br/>[Illinois, Michigan, Wisconsin, Iowa, Nebraska, Minnesota, South Dakota, North Dakota, Wyoming.]<br/>For year ending Dec. 31, 1898. (Chicago, St. Paul, Minn. &amp; Omaha Ry.)*<br/>Total earnings.....\$9,590,993<br/>Operating expenses...6,091,563<br/>Net earnings.....\$3,499,430<br/>Interest, dividends, and rentals.....3,362,808<br/>Surplus.....1,136,622<br/>See “Chicago &amp; N. W. Ry.”</p>   | <p>Comprising the Chicago and North-western Ry., 5,307.80 m. (see C. &amp; N. W. Ry.); Chicago, St. Paul, Minneapolis and Omaha Ry., 1,559.25 m.; Fremont, Elkhorn and Mis-souri Valley R.R., 1,300.53 m.; Sioux City and Pacific R. R., 107.42 m. Total mileage, 8,275.<br/>EXPRESS Co.—American.</p>   | <p>Officers of C., St. P., M. and O. Ry.: President, Marvin Hughitt, Chi-cago, Ill.; Vice-President, M. L. Sykes, New York; 2d Vice-Presi-dent and General Traffic Man-ager, J. T. Clark, St. Paul, Minn.; General Manager, W. A. Scott, St. Paul, Minn.; Secretary, E. E. Woodman, Hudson, Wis.; Gen-eral Manager F., E. and M. V. R. R., Geo. F. Bidwell, Omaha, Neb. General Offices of North-western Line, Chicago, Ill.; St. Paul, Minn.; New York Offices, 52 Wall Street and 461 Broad-way, Manhattan Borough.</p> |
| <p><b>Oregon Railroad and<br/>Navigation Co.</b><br/>[Oregon, Washington, Idaho.]<br/>For year ending June 30, 1899.<br/>Total earnings.....\$7,005,977<br/>Operating expenses. 4,288,272<br/>Net earnings.....\$2,717,707<br/>Other income.....73,107<br/>Total net income.\$2,790,814<br/>Total payments....1,577,967<br/>Surplus.....\$1,212,847</p>  | <p>Portland, Ore., to Huntington, Ore., 404 m.; Spokane Div., 262 m.; Moscow Br., 28 m.; Pomeroy Br., 30 m.; Dayton Br., 13 m.; Con-nell Br., 53 m.; Heppner Br., 45 m.; Elgin Br., 21 m.; Walla Walla Br., 47 m.; Burke Br., 87 m.; Seltice Br., 48 m.; Dixie and Dudley Br., 14 m.; Wallula Br., 66 m.; Waverly Br., 5 m. Total mileage, 1,123.<br/>Steamer Lines: Portland, Ore., to San Francisco, Cal., 660 m.; River Division, 553 m. Portland to China and Japan.<br/>EXPRESS Co.—Portland, Ore., to Huntington—Pacific; Portland, Ore., to Spokane—Great Northern; Portland, Ore., to San Francisco—Wells, Fargo &amp; Co.</p> | <p>Chairman of the Board, E. H. Harriman, New York; Presi-dent, A. L. Mohler; Secretary, W. W. Cotton. General Offices, Portland, Ore.; New York Office, 120 Broadway, Manhattan Bor-ough.</p>  |
| <p><b>Oregon Short Line Rail-<br/>road.</b><br/>[Utah, Wyoming, Idaho, Montana, Oregon.]<br/>For year ending June 30, 1899.<br/>Total earnings.....\$7,577,108<br/>Operating expenses. 4,751,620<br/>Net earnings.....\$2,825,487<br/>Other income.....437,649<br/>Total net income.\$3,263,136<br/>Total payments....2,916,773<br/>Surplus.....\$346,363</p>  | <p>Lines in Utah, 482.49 m.; in Wyo-ming, 92.34 m.; in Idaho, 707.51 m.; in Montana, 133.03 m.; in Oregon, 15.41 m. Total mileage, 1,480.78.<br/>EXPRESS Co.—Pacific.</p>  | <p>President, Edward H. Harriman, New York; Vice-President and General Manager, W. H. Ban-croft, Salt Lake City; Vice-Presi-dent, Wm. D. Cornish, New York; Secretary, Alex. Millar, New York. General Offices, Salt Lake City, Utah; New York Office, 120 Broadway, Manhattan Bor-ough.</p>  |
| <p><b>Pennsylvania Railroad.</b><br/>[New York, New Jersey, Pennsylvania, Delaware, Maryland, District of Col-umbia, Ohio, Indiana, Illinois.]<br/>For year ending June 30, 1899.<br/>Lines East of Pittsburgh and Erie (see next page).<br/>Total earnings.....\$67,119,533<br/>Operating expenses 46,025,925<br/>Net earnings.....\$21,093,608<br/>Other income. . . . .5,343,025<br/>Total net income.\$26,436,633<br/>Total payments....26,630,623<br/>Surplus.....\$246,010</p> | <p>Pennsylvania R.R., 1,713 m.; United R. Rs. of New Jersey, 477 m.; Philadelphia and Erie R. R., 568 m.; Northern Central Ry., 390 m.; Philadelphia, Wilmington and Baltimore R. R., 669 m.; West Jer-sey and Sea Shore R. R., 309 m.; Cumberland Valley R. R., 163 m.; Allegheny Valley R. R., 273 m.; Baltimore, Chesapeake and Atlan-tic Ry., 87 m.; Pennsylvania lines west of Pittsburgh, 4,421 m. Total mileage, 9,070.<br/>EXPRESS Co.—Adams.</p>  | <p>President, A. J. Cassatt; 1st Vice-President, John P. Green; 2d Vice-President, Chas. B. Pugh; 3d Vice-President, S. B. Prevost; General Manager, J. B. Hutchinson; Secretary, John C. Sims. General Offices, Broad Street Station, Philadelphia; New York Offices, 1196 Broadway and 1 Astor House, Manhattan Borough.</p>  |

\* Fremont, Elkhorn & M. V. R. R. for year ending May 31, 1899, as follows: Total earnings, \$3,885,439; total charges, \$3,631,681; surplus, \$253,808.

PENNSYLVANIA RAILROAD LINES WEST OF PITTSBURGH.

On the lines west of Pittsburgh operated by the Pennsylvania Company and the Pittsburgh, Cincinnati, Chicago, and St. Louis Railway Company the results for 1898 were as follows:

|   |              |   |             |
|---|--------------|---|-------------|
| Earnings of Pennsylvania Co.....  | \$21,089,608 | Net profit on Pittsburgh, Cincinnati, Chicago, and St. Louis Railway Company's lines..... | \$1,220,043 |
| Expenses.....   | 13,545,342   | Net profit on lines directly operated west of Pittsburgh.....                             | \$1,835,708 |
| Net earnings.....   | \$7,544,266  | Less loss on other lines west of Pittsburgh for which the P. R. R. is responsible.....    | 4,963       |
| Rental, interest, etc.....  | 6,878,605    | Leaving net profit on all lines west of Pittsburgh.....                                   | \$1,880,745 |
| Net profit on Penna. Co.'s lines.....                                   | \$665,661    |   |             |
| Earnings of Pittsburgh, Cincinnati, Chicago, and St. Louis Railway..... | \$18,943,651 |   |             |
| Expenses.....   | 13,604,761   |   |             |
| Net earnings.....   | \$5,337,890  |   |             |
| Rental, interest, etc.....  | 4,117,842    |   |             |

| SYSTEMS, LOCATION, AND FINANCIAL DATA.   | Divisions, Mileage, and Operating Express.   | General Officers.  |
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| <p><b>Philadelphia and Reading Railway.</b><br/>[New Jersey, Pennsylvania.]<br/>For year ending June 30, 1899.<br/>Total earnings.....\$22,456,132<br/>Operating expenses 14,634,038<br/>Net earnings.....\$7,822,154<br/>Other income.....1,300,268<br/>Total net income.\$9,122,422<br/>Total payments...8,897,679<br/>Surplus.....224,743</p>                         | <p>Reading Div., 508.25 m.; Philadelphia Div., 48.21 m.; New York Div., 222.42 m.; Atlantic City R. R., 167.13 m.; Shamokin Div., 241.14 m.; Reading and Columbia Div., 181.08 m.; Wilmington and Northern R. R., 88.41 m. Total mileage, 1,456.64.<br/>EXPRESS Co.—United States</p>  | <p>President, Joseph S. Harris; First Vice-President, Theodore Voorbees; 2d Vice-President, C. E. Henderson; Secretary, W. R. Taylor. General Offices, Philadelphia, Pa.</p>   |
| <p><b>Plant System.</b><br/>[South Carolina, Georgia, Alabama, Florida.]<br/>For year ending June 30, 1899. (Sav., Fla. &amp; Western Ry.)<br/>Total earnings.....\$3,645,424<br/>Operating expenses 2,715,223<br/>Net earnings.....\$930,101<br/>Other income.....144,095<br/>Total net income.\$1,074,196<br/>Total payments.....877,543<br/>Surplus.....\$196,653</p> | <p>Savannah, Florida and Western Ry., 1,028 m.; Charleston and Savannah Ry., 113 m.; Brunswick and Western R. R., 171 m.; Alabama Midland Ry., 208 m.; Silver Springs, Ocala and Gulf Ry., 65 m.; Sanford and St. Petersburg R. R., 152 m.; Florida Southern R. R., 249 m.; St. John and Lake Eustis R. R., 49 m.; Southwestern Alabama R. R., 37 m.; other branches, 105 m. Total mileage, 2,177. Also steamer lines.<br/>EXPRESS Co.—Southern.</p> | <p>President, R. G. Erwin; Vice-President, M. F. Plant; 2d Vice-President, F. Q. Brown; Secretary, R. B. Smith. General Offices, 12 West Twenty-third Street, Manhattan Borough, New York, and Savannah, Ga.</p>   |
| <p><b>Queen and Crescent Route.</b><br/>[Ohio, Kentucky, Tennessee, Alabama, Mississippi, Louisiana.]<br/>For year ending June 30, 1899.<br/>Total earnings.....\$4,691,281<br/>Operating expenses 3,106,226<br/>Net earnings.....\$1,585,055<br/>Other income.....219<br/>Total net income.\$1,585,224<br/>Total payments.....1,411,663<br/>Surplus.....\$173,561</p>   | <p>Comprising the following lines: Cincinnati, New Orleans and Texas Pacific Ry., 338 m.; New Orleans and Northeastern R. R., 196 m.; Alabama and Vicksburg Ry., 142 m.; Vicksburg, Shreveport and Pacific R. R., 171 m.; Alabama Great Southern R. R., 296 m. Total mileage, 1,143.<br/>EXPRESS Co.—Southern. For places in Ohio and Kentucky on C., N. O. &amp; T. P. Ry., Adams.</p>  | <p>C., N. O. &amp; T. P. Ry.—Chairman of Board, H. F. Shoemaker, New York; President, Samuel Spencer, New York; Secretary, A. Telford, Cincinnati, Ohio.<br/>Ala. G. S. R. R.—President, Samuel Spencer, 80 Broadway, Manhattan Borough, New York; 1st Vice-President, A. B. Andrews, Raleigh, N. C.; 2d Vice-President, W. W. Finley, Washington, D. C.; General Manager, F. S. Gannon, Washington, D. C.<br/>N. O. &amp; N. E., A. &amp; V., and V., S. &amp; P. R. Rs.—President, C. C. Harvey, New Orleans, La.; Secretary N. O. &amp; N. E. R. R., John F. Brent, New Orleans, La.; Secretary V., S. &amp; P. R. R., D. Graff, Manhattan Borough, New York.</p> |
| <p><b>Rio Grande Western Railway.</b><br/>[Colorado and Utah.]<br/>For year ending June 30, 1899.<br/>Total earnings.....\$3,352,968<br/>Operating expenses 2,195,865<br/>Net earnings.....\$1,157,103<br/>Other income.....144,280<br/>Total net income.\$1,301,403<br/>Total payments...1,149,368<br/>Surplus.....\$152,035</p>  | <p>Grand Junction, Col., to Ogden, Utah, 323 m.; San Pete and Sevier Br., 124 m.; Tintic Range Br., 48 m.; Utah Central Br., 33 m.; Coal Mine Br., 24 m.; Bingham Br., 14 m.; Alta Br., 10 m.; Provo Cañon Br., 26 m.; Sunnyside Br., 11 m.; other branches, 19 m. Total mileage, 637.<br/>EXPRESS Co.—Wells, Fargo &amp; Co.</p>  | <p>President, W. J. Palmer, New York; Vice-President, George F. Peabody, New York; 2d Vice-President and General Manager, D. C. Dodge, Denver, Col.; Secretary, G. A. Krause, New York. General Offices, Salt Lake City, Utah; New York Office, 11 Broadway, Manhattan Borough.</p>  |



| SYSTEMS, LOCATION, AND FINANCIAL DATA.  | Divisions, Mileage, and Operating Express.   | General Officers.   |
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| <p><b>San Antonio and Aransas Pass Railway.</b><br/>[Texas.]<br/>For year ending June 30, 1899.<br/>Total earnings..... \$2,046,761<br/>Operating expenses 1,592,666<br/>Net earnings..... \$454,113<br/>Total payments.... 913,107<br/>Deficit..... \$458,994</p>  | <p>Houston, Tex., to Kerrville, Tex., 309 m.; Kenedy, Tex., to Corpus Christi, Tex., 88 m.; Rockport Br., 21 m.; Lockhart Br., 54 m.; Alice Br., 43 m.; Waco Br., 171 m. Total mileage, 656.<br/><b>EXPRESS Co.—Wells, Fargo &amp; Co.</b></p>   | <p>President, T. E. Stillman, New York; Vice-President and General Manager, M. D. Monserrate; Secretary, Reagan Houston, General Offices, San Antonio, Tex.; New York Offices, 23 Broad Street and 349 Broadway, Manhattan Borough.</p>   |
| <p><b>Seaboard Air Line.</b><br/>[Virginia, North Carolina, South Carolina, Georgia, Florida, Alabama.]<br/>For year ending June 30, 1899.<br/>Total earnings..... \$4,011,554<br/>Operating expenses. 2,607,904<br/>Net earnings..... \$1,403,650<br/>Total payments.... 1,157,579<br/>Surplus..... \$246,071<br/>Not including Fla. Central &amp; Pen. R. R. or Ga. &amp; Ala. Ry.</p>  | <p>First Div., 265 m.; Second Div., 410 m.; Third Div., 288 m.; Georgia and Alabama Ry., 459 m.; Florida Central and Peninsular R. R., 949 m. Total mileage, 2,371.<br/><b>EXPRESS Co.—Southern.</b></p>   | <p>President, John S. Williams, Richmond, Va.; Vice-President and General Manager, E. St. John, Portsmouth, Va. General Offices, Portsmouth, Va.; New York Office, 371 Broadway, Manhattan Borough.</p>   |
| <p><b>Southern Railway.</b><br/>[District of Columbia, Virginia, North Carolina, South Carolina, Georgia, Alabama, Mississippi, Tennessee, Kentucky.]<br/>For year ending June 30, 1899.<br/>Total earnings..... \$25,853,686<br/>Operating expenses 17,556,355<br/>Net earnings .... \$7,997,331<br/>Other income..... 323,469<br/>Total net income. \$8,320,800<br/>Total payments.... 7,414,128<br/>Surplus..... \$911,612</p> | <p>Washington Div., 338.54 m.; Norfolk Div., 795.34 m.; Charlotte Div., 379.67 m.; Atlanta Div., 540.73 m.; Birmingham Div., 548.04 m.; Richmond Div., 284.83 m.; Asheville Div., 350.80 m.; Columbia Div., 519.89 m.; Macon Div., 387.18 m.; Anniston Div., 562.13 m.; Knoxville Div., 466.54 m.; Memphis Div., 331.70 m.; Louisville Div., 130.10 m.; Charleston Div., 339.01 m.; Danville Div., 277.80 m. Total mileage, 6,252.29.<br/><b>EXPRESS Co.—Southern.</b></p>   | <p>President, Samuel Spencer, New York; 1st Vice-President, A. B. Andrews, Raleigh, N. C.; 2d Vice-President, W. W. Finley, Washington, D. C.; 3d Vice-President and General Manager, Frank S. Gannon, Washington, D. C.; Secretary, Josiah F. Hill, New York; Traffic Manager, J. M. Culp, General Offices, Washington, D. C.; New York Offices, 80 and 271 Broadway, Manhattan Borough.</p>   |
| <p><b>Southern Pacific Company.—“Sunset, Ogden and Shasta Routes.”</b><br/>[Louisiana, Texas, New Mexico, Arizona, California, Nevada, Oregon, Utah.]<br/>For year ending June 30, 1899.<br/>Total earnings..... \$58,477,498<br/>Operating expenses. 54,354,896<br/>Net earnings..... \$4,122,602<br/>Total payments.... 1,299,255<br/>Surplus..... \$2,823,344</p>  | <p><i>Pacific System:</i> Central Pacific R. R., 1,359.1 m.; Oregon and California R. R., 655.76 m.; Southern Pacific R. R. of California, 2,329.43 m.; Southern Pacific R. R. of Arizona, 392.90 m.; Southern Pacific R. R. of New Mexico, 167.45 m.; New Mexico and Arizona R. R., 88.10 m.; Sonora Ry. of Mexico, 262.60 m.; South Pacific Coast Ry., 104 m. <i>Atlantic System:</i> Louisiana Western R. R., 147.23 m.; Morgan's Louisiana and Texas R. R., 318.20 m.; Galveston, Harrisburg and San Antonio Ry., 998.15 m.; Texas and New Orleans R. R., 216.20 m.; Iberia and Vermillion R. R., 16.13 m.; New York, Texas and Mexican R. R., 91 m.; Gulf, Western Texas and Pacific Ry., 111.20 m. Total rail mileage, 7,174.72. Steamer lines, 3,375 m.<br/><b>EXPRESS Co.—Wells, Fargo &amp; Co.</b></p> | <p>President, C. P. Huntington, New York; Vice-President, T. H. Hubbard, New York; 2d Vice-President, George Crocker, San Francisco, Cal.; 3d Vice-President, J. C. Stubbs, San Francisco, Cal.; 4th Vice-President, J. Kruttschnitt, San Francisco, Cal.; Secretary, E. C. Wright, San Francisco, Cal.; Acting Vice-President, I. E. Gates, New York; General Manager, J. Kruttschnitt, San Francisco, Cal. General Offices, San Francisco, Cal.; New York Offices, 23 Broad Street and 349 Broadway, Manhattan Borough.</p>                                   |
| <p><b>St. Joseph and Grand Island Railway, and Kansas City and Omaha Railway.</b><br/>[Missouri, Kansas, and Nebraska.]<br/>For year ending June 30, 1899.<br/>Total earnings..... \$1,261,060<br/>Operating expenses. 912,650<br/>Net earnings..... \$348,410<br/>Other income..... 102,130<br/>Total net income... \$450,590<br/>Total payments.... 441,362<br/>Surplus..... \$9,228</p>  | <p>St. Joseph and Grand Island Ry., 252 m.; Kansas City and Omaha Ry., 152 m.; Fairbury and McCool Junction Line, 50 m.; St. Joseph to Kansas City, 60 m. Total mileage, St. Joseph and Grand I. Ry., 212; Kansas City and O. Ry., 202.<br/><b>EXPRESS Co.—Wells, Fargo &amp; Co.</b></p>  | <p>President, Wm. L. Bull, New York; Vice-President, Henry Budge, New York; Secretary, W. S. Wilson, New York; General Manager, W. P. Robinson, Jr., St. Joseph, Mo. General Offices, St. Joseph, Mo.; New York Offices, 23 and 38 Broad Street, Manhattan Borough. Kansas City and Omaha Ry.—President, E. C. Benedict, New York; Vice-President, F. K. Pendleton, New York; Secretary, S. L. Parrish, New York; General Manager, W. P. Robinson, Jr., St. Joseph, Mo. General Offices, St. Joseph, Mo.; 44 Broadway, 37 William St., Manhattan, New York.</p> |

| SYSTEMS, LOCATION, AND FINANCIAL DATA.  | Divisions, Mileage, and Operating Express.   | General Officers.   |
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| <p><b>St. Louis &amp; San Francisco Railroad.—“Frisco Line.”</b><br/>           [Missouri, Arkansas, Kansas, Indian Territory, Oklahoma Territory, Texas.]<br/> <i>For year ending June 30, 1899.</i><br/>           Total earnings..... \$7,226,663<br/>           Operating expenses. 4,341,191<br/>           Net earnings..... \$2,885,472<br/>           Other income..... 71,160<br/>           Total net income. \$2,962,632<br/>           Total payments.... 2,737,832<br/>           Surplus..... \$224,800</p>                       | <p>St. Louis Div., 583.8 m.; Kansas Div., 325.7 m.; Atlantic and Pacific Br., 212 m.; other branches, 533.8 m. Total mileage, 1,660.3.<br/>           EXPRESS Co.—Wells, Fargo &amp; Co.</p>   | <p>President, D. B. Robinson; Vice-President and General Manager, B. F. Yoakum; Secretary, F. H. Hamilton; Assistant Secretary, Frederick Strauss, New York. General Offices, St. Louis, Mo.; New York Offices, 15 Broad Street and 385 Broadway, Manhattan Borough.</p>  |
| <p><b>St. Louis Southwestern Railway System.—“Cotton Belt Route.”</b><br/>           [Missouri, Arkansas, Louisiana, Texas.]<br/> <i>For year ending June 30, 1899.</i><br/>           Total earnings..... \$5,862,338<br/>           Operating expenses. 4,209,088<br/>           Net earnings..... \$1,653,250<br/>           Other income..... 84,457<br/>           Total net income. \$1,737,707<br/>           Total payments.... 1,158,030<br/>           Surplus..... \$579,677</p>   | <p><i>St. Louis Southwestern Ry.:</i> Main Line, 418 m.; Delta Br., 51.4 m.; New Madrid Br., 5.7 m.; Little Rock Br., 41.7 m.; Shreveport Br., 59.5 m.; Gray's Point Terminal Ry., 16.4 m. Total mileage, 592.7.<br/> <i>St. Louis Southwestern Ry. of Texas:</i> Main Line, 304.6 m.; Sherman Br., 109.9 m.; Fort Worth Br., 97.2 m.; Hillsboro Br., 40 m.; Tyler South-eastern Ry., 83.6 m.; Dallas Br., 25.2 m. Total mileage, 665.5. Grand total mileage, 1,258.2.<br/>           EXPRESS Co.—Pacific.</p> | <p>President, Edwin Gould, New York; Vice-President and General Manager, Russell Harding, St. Louis, Mo.; General Traffic Manager, A. S. Dodge; Secretary, G. Erbeling, New York. General Offices, St. Louis, Mo., and 195 Broadway, Manhattan Borough, New York. General Offices St. L. S. W. Ry. of Texas and Tyler Southeastern Ry., Tyler, Tex.</p> |
| <p><b>Terre Haute &amp; Indianapolis Railroad.—“Vandalia Line.”</b><br/>           [Indiana, Illinois, Missouri.]<br/> <i>For year ending Sept. 30, 1899.</i><br/>           Total earnings.... \$1,490,400<br/>           Operating expenses. 970,734<br/>           Net earnings..... \$519,666<br/>           Other income..... 17,350<br/>           Total net income. \$537,016<br/>           Total payments.... 199,228<br/>           Surplus..... \$337,788</p>  | <p>Indianapolis, Ind., to St. Louis, Mo., 240 m. Terre Haute &amp; Logansport Ry., 182 m.; Peoria Div., 174 m.; Centre Point Div., 8 m. Total mileage, 606.<br/>           EXPRESS Co.—Adams.</p>  | <p>Receiver, V. T. Malott, Indianapolis, Ind.; President, James McCrea, Pittsburgh, Pa.; General Manager, J. J. Turner, St. Louis, Mo.; Secretary, George E. Farrington, Terre Haute, Ind.</p>  |
| <p><b>Texas and Pacific Railway.</b><br/>           [Louisiana and Texas.]<br/> <i>For year ending June 30, 1899.</i><br/>           Total earnings..... \$8,251,816<br/>           Operating expenses. 5,809,022<br/>           Net earnings..... \$2,942,788<br/>           Other Income..... 96,231<br/>           Total net income. \$3,039,019<br/>           Total payments.... 1,504,990<br/>           Surplus..... \$1,534,029</p>   | <p>Eastern Div., 512 m.; New Orleans Div., 359 m.; Rio Grande Div., 621 m.; New Roads Extension, 25 m. Total mileage, 1,517.<br/>           EXPRESS Co.—Pacific.</p>   | <p>President, George J. Gould; Vice-President, S. H. H. Clark; 2d Vice-President, Frank J. Gould, New York; 3d Vice-President and General Manager, L. S. Thorne, Dallas, Tex.; Secretary, C. E. Satterlee, New York. General Offices, 195 Broadway, Manhattan Borough, New York, and Dallas, Tex.</p>   |
| <p><b>Toledo and Ohio Central Railway, and Kanawha and Michigan Ry.—“Ohio Central Lines.”</b><br/>           [Ohio and West Virginia.]<br/> <i>For year ending June 30, 1899.</i><br/>           (Toledo and Ohio Cent. Ry. *)<br/>           Total earnings..... \$1,897,367<br/>           Operating expenses. 1,296,458<br/>           Net earnings..... \$601,414<br/>           Other income..... 24,854<br/>           Total net income... \$626,268<br/>           Total payments..... 497,957<br/>           Surplus..... \$128,311</p> | <p>Toledo to Bremen, O., 173.10 m.; New Lexington to Corning, O., 12.31 m.; Whitmore to Thurston, O., 145.27 m.; Alum Creek to Truro Junction, O., 4.20 m. Total mileage, 334.88; Kanawha &amp; Michigan Ry., 152.80.<br/>           EXPRESS Co.—United States.</p>  | <p>President, Stevenson Burke, Cleveland, O.; Vice-President, Chas. G. Hickox, Cleveland, O.; Vice-President K. &amp; M. Ry., R. W. Hickox, Cleveland, O.; General Manager, J. M. Ferris; Secretary, L. D. Kelley. General Offices, Toledo, O.</p>  |

\* Kanawha and Michigan Ry.—Total earnings, \$634,064; net earnings, \$167,876; total net income, \$167,371; total payments, \$132,709 surplus, \$34,661.

| SYSTEMS, LOCATION, AND FINANCIAL DATA.   | Divisions, Mileage, and Operating Express.  | General Officers.   |
|--|---|---|
| <p><b>Toledo, St. Louis and Kansas City Railroad.</b><br/>—“Clover Leaf Route.”<br/>[Ohio, Indiana, Illinois, Missouri.]<br/>For year ending June 30, 1899.<br/>Total earnings.....\$2,062,738<br/>Operating expenses.....1,527,192<br/>Net earnings.....\$535,546<br/>Total payments.....644,400<br/>Deficit.....\$108,854</p>  | <p>Toledo, O., to St. Louis, Mo., 453 m.<br/>EXPRESS Co.—National.</p>  | <p>Receiver, Samuel Hunt. General Offices, Toledo, O.</p>   |
| <p><b>Union Pacific Railroad.</b><br/>—“Overland Route.”<br/>[Kansas, Nebraska, Iowa, Colorado, Wyoming, Utah, Missouri.]<br/>For year ending June 30, 1899.<br/>Total earnings....\$19,811,641<br/>Operating expenses 11,412,168<br/>Net earnings.....\$8,399,473<br/>Fixed charges not reported when the ALMANAC was printed.</p>  | <p>Nebraska Div., 978.40 m.; Kansas Div., 992.80 m.; Colorado Div., 458.85 m.; Wyoming Div., 659.39 m.<br/>Total mileage, 2,985.24.<br/>EXPRESS Co.—Pacific.</p>  | <p>President, Horace G. Hurt, Omaha, Neb.; Vice-President, Wm. D. Cornish, New York; General Manager, E. Dickinson, Omaha, Neb.; Secretary, Alexander Millar, New York. General Offices, Omaha, Neb.; New York Offices, 120 and 287 Broadway, Manhattan Borough.</p>                    |
| <p><b>Union Pacific, Denver and Gulf Railway.</b></p>  | <p>See “Colorado and Southern Railway.”</p>   | <p>President, O. D. Ashley, New York; Vice-President, Edgar T. Welles, New York; Vice-President and General Manager, Joseph Ramsey, St. Louis, Mo.; Secretary, J. C. Otteson, New York. General Offices, St. Louis, Mo.; New York Offices, 195 and 387 Broadway, Manhattan Borough.</p> |
| <p><b>Wabash Railroad.</b><br/>[Ontario, Canada, Ohio, Indiana, Michigan, Illinois, Missouri, Iowa.]<br/>For year ending June 30, 1899.<br/>Total earnings....\$14,393,974<br/>Operating expenses 11,739,574<br/>Net earnings.....\$2,654,400<br/>Other income.....185,032<br/>Total net income \$2,839,432<br/>Interest and rentals 2,691,495<br/>Surplus.....\$147,937</p> | <p>Buffalo Div., 271.8 m.; Eastern Div., 630.9 m.; Middle Div., 736.1 m.; Western Div., 687.2 m. Total mileage, 2,326.<br/>EXPRESS Co.—Pacific.</p>   | <p>President, O. D. Ashley, New York; Vice-President, Edgar T. Welles, New York; Vice-President and General Manager, Joseph Ramsey, St. Louis, Mo.; Secretary, J. C. Otteson, New York. General Offices, St. Louis, Mo.; New York Offices, 195 and 387 Broadway, Manhattan Borough.</p> |
| <p><b>Western New York and Pennsylvania Ry.</b><br/>[New York, Pennsylvania.]<br/>For year ending June 30, 1899.<br/>Total earnings.....\$3,291,411<br/>Operating expenses. 2,272,945<br/>Net earnings.....\$1,018,466<br/>Other income.....27,768<br/>Total net income \$1,046,234<br/>Total payments....1,034,992<br/>Surplus.....\$11,242</p>                             | <p>Buffalo Div., 153.54 m.; Pittsburgh Div., 331.88 m.; Rochester Div., 113 m. Total mileage, 598.42.<br/>EXPRESS Co.—American.</p>   | <p>President, S. G. De Coursey, Philadelphia, Pa.; Secretary, Jos. R. Trimble, Philadelphia, Pa. General Offices, Philadelphia, Pa., and Buffalo, N. Y.</p>   |
| <p><b>West Shore Railroad.</b></p>   | <p>See “New York Central and Hudson River R. R.”</p>  | <p>Chairman of the Board, Geo. Coppell, New York; President, H. F. Whitcomb, Milwaukee, Wis. General Offices, Milwaukee, Wis.; General Eastern Agent’s Office, 251 Broadway, Manhattan Borough, New York.</p>   |
| <p><b>Wisconsin Central Ry.</b><br/>[Illinois, Wisconsin, Michigan, Minnesota.]<br/>For year ending June 30, 1899.<br/>Total earnings.....\$5,118,018<br/>Operating expenses. 3,057,489<br/>Net earnings.....\$2,060,529<br/>Other income.....428,038<br/>Total net income \$2,488,567<br/>Total payments....1,840,230<br/>Surplus.....\$648,337</p>                         | <p>Main Line, Chicago, Ill., to Minneapolis, Minn., 473 m.; Ashland Div., 194 m.; Portage Br., 73 m.; Marshfield Br., 23 m.; Eau Claire Br., 11 m.; Milwaukee Br., 28 m.; Manitowoc Div., 44 m. Total mileage, 851.<br/>EXPRESS Co.—National.</p> | <p>Chairman of the Board, Geo. Coppell, New York; President, H. F. Whitcomb, Milwaukee, Wis. General Offices, Milwaukee, Wis.; General Eastern Agent’s Office, 251 Broadway, Manhattan Borough, New York.</p>   |

**Greatest Passenger Stations in the United States.**

| TRAIN SHEDS.   | Width, feet. | Length, feet. | Number of Tracks. |
|--|--------------|---------------|-------------------|
| St. Louis Union Station.....                           | 600          | 630           | 30                |
| Philadelphia Station, Pennsylvania Road.....           | 300          | 592           | 16                |
| Philadelphia Station, Philadelphia & Reading Road..... | 260          | 800           | 14                |
| North Union Station, Boston.....                       | 460          | 500           | 22                |
| Grand Central Station, Chicago.....                    | 150          | 600           | 6                 |
| Central Station (Park Row), Chicago.....               | 140          | 650           | 8                 |
| Grand Central Station, New York.....                   | 332          | 620           | 21                |
| South Terminal Station, Boston.....                    | 650          | 710           | 30                |

**Railway Employees in the United States.**

COMPARATIVE SUMMARY OF EMPLOYEES AND AVERAGE DAILY COMPENSATION.  
(From Statistical Report of the Interstate Commerce Commission.)

| CLASS.                                   | 1898.          |                        | 1897.          |                        | 1896.          |                        | 1895.          |                        | AVERAGE DAILY COMPENSATION. |        |        |
|--|----------------|------------------------|----------------|------------------------|----------------|------------------------|----------------|------------------------|-----------------------------|--------|--------|
|  | Num-ber.       | Per 100 miles of line. | Num-ber.       | Per 100 miles of line. | Num-ber.       | Per 100 miles of line. | Num-ber.       | Per 100 miles of line. | 1898.                       | 1897.  | 1896.  |
|  |                |                        |                |                        |                |                        |                |                        |                             |        |        |
| General officers.....                    | 4,956          | 3                      | 4,890          | 3                      | 5,372          | 3                      | 5,407          | 3                      | \$9.73                      | \$9.54 | \$9.19 |
| Other officers.....                      | 3,925          | 2                      | 3,890          | 2                      | 2,718          | 1                      | 2,594          | 1                      | 5.21                        | 5.12   | 5.96   |
| General office clerks.....               | 26,845         | 15                     | 26,837         | 15                     | 26,338         | 14                     | 26,583         | 15                     | 2.25                        | 2.18   | 2.21   |
| Station agents.....                      | 30,699         | 17                     | 30,049         | 16                     | 29,728         | 16                     | 29,014         | 16                     | 1.73                        | 1.73   | 1.73   |
| Other stationmen.....                    | 78,603         | 43                     | 74,569         | 41                     | 75,919         | 42                     | 73,569         | 41                     | 1.61                        | 1.62   | 1.62   |
| Enginemen.....                           | 37,989         | 20                     | 35,667         | 19                     | 35,851         | 20                     | 34,718         | 20                     | 3.72                        | 3.65   | 3.65   |
| Firemen.....                             | 38,925         | 21                     | 36,735         | 20                     | 36,762         | 20                     | 35,516         | 20                     | 2.09                        | 2.05   | 2.06   |
| Conductors.....                          | 26,876         | 15                     | 25,322         | 14                     | 25,467         | 14                     | 24,776         | 14                     | 3.13                        | 3.07   | 3.05   |
| Other trainmen.....                      | 66,968         | 36                     | 63,673         | 35                     | 64,806         | 36                     | 62,721         | 35                     | 1.95                        | 1.90   | 1.90   |
| Machinists.....                          | 28,832         | 16                     | 28,229         | 15                     | 29,728         | 16                     | 27,740         | 16                     | 2.28                        | 2.23   | 2.26   |
| Carpenters.....                          | 40,374         | 22                     | 37,740         | 20                     | 38,846         | 21                     | 35,564         | 20                     | 2.02                        | 2.01   | 2.03   |
| Other shopmen.....                       | 99,717         | 54                     | 91,415         | 50                     | 95,613         | 53                     | 88,661         | 50                     | 1.70                        | 1.71   | 1.69   |
| Section foremen.....                     | 30,771         | 17                     | 30,414         | 17                     | 30,372         | 17                     | 29,809         | 17                     | 1.69                        | 1.70   | 1.70   |
| Other trackmen.....                      | 184,494        | 100                    | 171,752        | 94                     | 169,664        | 93                     | 155,146        | 87                     | 1.16                        | 1.16   | 1.17   |
| Switchmen, flagmen, and watchmen.....    | 37,124         | 25                     | 43,768         | 24                     | 44,266         | 24                     | 43,188         | 24                     | 1.74                        | 1.72   | 1.74   |
| Telegraph operators and dispatchers..... | 22,488         | 12                     | 21,452         | 12                     | 21,682         | 12                     | 20,994         | 12                     | 1.92                        | 1.90   | 1.93   |
| Employees—acc't floating equipment.....  | 6,349          | 3                      | 6,409          | 3                      | 5,502          | 3                      | 5,779          | 3                      | 1.89                        | 1.86   | 1.94   |
| All other employes and laborers.....     | 98,673         | 53                     | 90,725         | 49                     | 88,467         | 49                     | 83,355         | 47                     | 1.67                        | 1.64   | 1.65   |
| <b>Total.....</b>                        | <b>874,558</b> | <b>474</b>             | <b>823,476</b> | <b>449</b>             | <b>826,620</b> | <b>454</b>             | <b>785,034</b> | <b>441</b>             |                             |        |        |

**Railroad Accidents in the United States.**

(From Statistical Report of the Interstate Commerce Commission.)

| YEAR ENDING JUNE 30. | EMPLOYEES. |          | PASSENGERS. |          | OTHER PERSONS. |          | TOTAL.  |          |
|----------------------|------------|----------|-------------|----------|----------------|----------|---------|----------|
|                      | Killed.    | Injured. | Killed.     | Injured. | Killed.        | Injured. | Killed. | Injured. |
| 1891.....            | 2,690      | 24,140   | 293         | 2,972    | 4,076          | 4,769    | 7,029   | 33,881   |
| 1892.....            | 2,654      | 28,567   | 376         | 3,237    | 4,217          | 5,158    | 7,147   | 36,662   |
| 1893.....            | 2,737      | 31,729   | 290         | 3,239    | 4,320          | 5,435    | 7,346   | 40,893   |
| 1894.....            | 1,835      | 23,422   | 324         | 3,034    | 4,300          | 5,433    | 6,447   | 31,889   |
| 1895.....            | 1,811      | 25,696   | 170         | 2,375    | 4,155          | 5,677    | 6,136   | 32,748   |
| 1896.....            | 1,861      | 29,969   | 181         | 2,873    | 4,406          | 5,545    | 6,448   | 38,687   |
| 1897.....            | 1,693      | 27,667   | 222         | 2,795    | 4,522          | 6,269    | 6,437   | 36,781   |
| 1898.....            | 1,958      | 31,761   | 221         | 2,945    | 4,680          | 6,176    | 6,839   | 40,882   |

The total number of passengers carried in 1895 was 501,065,631, as against 489,445,198 in 1897, 511,772,737 in 1896, 507,421,362 in 1896, and 540,688,199 in 1894.

| KIND OF ACCIDENT.                    | EMPLOYEES.   |               | PASSENGERS. |              | TRESPASSING. |              | NOT TRESPASSING. |              | TOTAL.       |              |
|--------------------------------------|--------------|---------------|-------------|--------------|--------------|--------------|------------------|--------------|--------------|--------------|
|                                      | Killed.      | Injured.      | Killed.     | Injured.     | Killed.      | Injured.     | Killed.          | Injured.     | Killed.      | Injured.     |
| Year ending June 30, 1898.           |              |               |             |              |              |              |                  |              |              |              |
| Coupling and uncoupling.....         | 279          | 6,938         | ....        | ....         | ....         | ....         | ....             | ....         | ....         | ....         |
| Falling from trains and engines..... | 473          | 3,859         | ....        | ....         | ....         | ....         | ....             | ....         | ....         | ....         |
| Overhead obstructions.....           | 51           | 397           | ....        | ....         | ....         | ....         | ....             | ....         | ....         | ....         |
| Collisions.....                      | 180          | 1,071         | 98          | 619          | 24           | 48           | 5                | 41           | 29           | 89           |
| Deraillments.....                    | 138          | 732           | 34          | 515          | 32           | 71           | 2                | 33           | 24           | 106          |
| Other train accidents.....           | 53           | 490           | 2           | 150          | 30           | 23           | 1                | 7            | 31           | 30           |
| At highway crossings.....            | 21           | 48            | 4           | 16           | 151          | 202          | 502              | 905          | 653          | 1,107        |
| At stations.....                     | 54           | 1,957         | 33          | 530          | 301          | 437          | 40               | 145          | 341          | 632          |
| Other causes.....                    | 714          | 16,219        | 110         | 1,115        | 3,525        | 3,315        | 67               | 297          | 3,562        | 4,212        |
| <b>Total.....</b>                    | <b>1,958</b> | <b>31,761</b> | <b>221</b>  | <b>2,945</b> | <b>4,062</b> | <b>4,749</b> | <b>617</b>       | <b>1,427</b> | <b>4,980</b> | <b>6,176</b> |

Train accidents for twenty-six years ending December 31, as computed by the *Railroad Gazette*:

| KIND OF ACCIDENT.    | 1898.           | 1897.        | 1896.        | 1895.        | 1894.        | 1893.        | 1892.        | 1891.        | 1890.        | 1889.        | 1888.        | 1887-87.*    | 1878-87.*    | 1873-7.*     |
|----------------------|-----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                      | Collisions..... | 1,012        | 791          | 514          | 602          | 613          | 996          | 1,062        | 1,137        | 1,041        | 749          | 804          | 548          | 417          |
| Deraillments.....    | 1,144           | 873          | 792          | 810          | 873          | 1,212        | 1,165        | 1,204        | 1,004        | 759          | 1,032        | 723          | 646          | 709          |
| Other accidents..... | 72              | 54           | 51           | 75           | 74           | 99           | 100          | 103          | 101          | 61           | 99           | 76           | 43           | 61           |
| <b>Total.....</b>    | <b>2,228</b>    | <b>1,658</b> | <b>1,357</b> | <b>1,487</b> | <b>1,560</b> | <b>2,307</b> | <b>2,327</b> | <b>2,444</b> | <b>2,146</b> | <b>1,569</b> | <b>1,935</b> | <b>1,347</b> | <b>1,103</b> | <b>1,065</b> |

\* Average per year for five years.

**English Railroad Accidents.**

The Board of Trade report shows:

| CASUALTIES, UNITED KINGDOM. | 1898.     |            | 1897.     |            | CASUALTIES, UNITED KINGDOM.          | 1898.        |              | 1897.        |              |
|-----------------------------|-----------|------------|-----------|------------|--------------------------------------|--------------|--------------|--------------|--------------|
|                             | Killed.   | Injured.   | Killed.   | Injured.   |                                      | Killed.      | Injured.     | Killed.      | Injured.     |
| Passengers.....             | 25        | 632        | 18        | 324        | Passengers, train accid'ts, etc..... | 25           | 632          | 18           | 324          |
| Employes.....               | 14        | 110        | 9         | 140        | Passengers, other causes.....        | 125          | 1,238        | 115          | 1,315        |
| Other persons.....          | 2         | 3          | 7         | 12         | Employes, train accidents, etc.....  | 15           | 110          | 9            | 140          |
|                             |           |            |           |            | Employes, other causes.....          | 482          | 4,083        | 501          | 3,989        |
| <b>Total.....</b>           | <b>43</b> | <b>745</b> | <b>34</b> | <b>476</b> | Other persons.....                   | 523          | 324          | 522          | 354          |
|                             |           |            |           |            | <b>Total.....</b>                    | <b>1,179</b> | <b>6,343</b> | <b>1,185</b> | <b>6,102</b> |

The last item, 522 killed, includes 402 trespassers.

# Railroad Speed.

## NOTABLE FAST RUNS OF PASSENGER TRAINS FOR LONG DISTANCES.

| DATE.        | Railroad.                             | Terminals.                        | Dis-<br>tance,<br>Miles. | INCLUSIVE.         |                       | Stops.<br>Num-<br>ber. |
|--------------|---------------------------------------|-----------------------------------|--------------------------|--------------------|-----------------------|------------------------|
|              |                                       |                                   |                          | Time,<br>H. M.     | Miles<br>per<br>Hour. |                        |
| May, 1848.   | Great Western (England).....          | London—Didcot.....                | 58.25                    | 0.47               | 68                    | ..                     |
| July, 1855.  | West Shore.....                       | East Buffalo—Frankfort.....       | 201.7                    | 4.00               | 50.4                  | ..                     |
| Aug., 1858.  | London, N. W. & Caledonian.....       | London—Edinburgh.....             | 400                      | 7.38               | 52.4                  | 3                      |
| Sept., 1891. | New York Central & H. R.....          | New York—East Buffalo.....        | 436.82                   | 7.19.5             | 59.56                 | 3                      |
| Nov., 1891.  | Pennsylvania.....                     | Jersey City—Washington.....       | 227                      | 4.11               | 54.26                 | 2                      |
| Mar., 1892.  | New York Central & H. R.*.....        | Oneida—De Witt.....               | 21.37                    | 0.17 $\frac{3}{4}$ | 72.69                 | 0                      |
| Nov., 1892.  | New York Central & H. R.*.....        | Syracuse—Utica.....               | 51.67                    | 0.46               | 67.38                 | 0                      |
| Nov., 1892.  | New York Central & H. R.*.....        | Chittenango—Schenectady.....      | 116.16                   | 1.50               | 63.38                 | 0                      |
| May, 1893.   | New York Central & H. R.*.....        | Syracuse—Rochester.....           | 80.38                    | 1.11               | 68.45                 | 0                      |
| May, 1893.   | New York Central & L. S.....          | New York—Chicago.....             | 964                      | 19.57              | 48.20                 | 10                     |
| Aug., 1894.  | Plant System, Atlantic Coast Line     | Jacksonville—Richmond.....        | 661.5                    | 12.51              | 51.48                 | 26                     |
| Aug., 1894.  | Plant System, A. C. L., Pa. R. R..... | Jacksonville—Washington.....      | 760.9                    | 15.49              | 49.37                 | 34                     |
| April, 1895. | Pennsylvania.....                     | Camden—Atlantic City.....         | 58.3                     | 0.45 $\frac{3}{4}$ | 76.50                 | 0                      |
| Aug., 1895.  | London & Northwestern.....            | London—Aberdeen.....              | 540                      | 8.32               | 63.23 $\frac{1}{2}$   | 3                      |
| Sept., 1895. | New York Central & H. R.....          | New York—Buffalo.....             | 436.50                   | 6.47               | 64.33 $\frac{1}{2}$   | 2                      |
| Sept., 1895. | N. Y. Central "World Flyer".....      | Albany—Syracuse.....              | 148                      | 2.10               | 68.3                  | 0                      |
| Oct., 1895.  | Lake Shore & Mich. Southern.....      | Chicago—Buffalo.....              | 510                      | 8.1                | 65.7 $\frac{1}{2}$    | 5                      |
| Oct., 1895.  | Pennsylvania.....                     | Jersey City—Philadelphia.....     | 89.76                    | 1.33               | 57.9                  | 0                      |
| Oct., 1895.  | Long Island.....                      | Long Island City—Amagansett.....  | 104                      | 1.46               | 53.9                  | 2                      |
| Mar., 1896.  | Phila., Wilmington & Baltimore.       | Baltimore—Gray's Ferry.....       | 92.5                     | 1.28               | 63.5                  | 1                      |
| Feb., 1897.  | Chicago, Burlington & Quincy.....     | Chicago—Denver.....               | 1,025                    | 18.52              | 58.74                 | 20                     |
| Mar., 1897.  | Central R. R. of New Jersey.....      | Jersey City—Washington.....       | 231                      | 4.3                | 60                    | (a)                    |
| April, 1897. | Lehigh Val., Black Diamond Exp.       | Alpine, N. Y.—Geneva Junc., N. Y. | 43.96                    | 0.38               | 60                    | 0                      |
| July, 1897.  | New York Central & H. R.*.....        | Syracuse—Buffalo.....             | 149                      | 2.23               | 62.5                  | 1                      |
| Aug., 1897.  | Union Pacific.....                    | North Platte—Omaha.....           | 391                      | 4.39               | 63.49                 | ..                     |
| Dec., 1897.  | Union Pacific.....                    | North Platte—Council Bluffs.....  | 293.7                    | 4.57               | 59.33                 | 6b                     |
| Jan., 1898.  | Erie R. R., newspaper train.....      | Jersey City—Buffalo.....          | 423                      | 7.30               | 59.65                 | ..                     |
| Feb., 1898.  | A., T. & S. F., "Santa Fe Route"      | La Junta, Col.—Dodge City, Kan.   | 204.4                    | 3.44               | 56.75                 | ..                     |
| May, 1898.   | Chicago & Alton.....                  | Willow Spring—Springfield.....    | 168.1                    | 2.46               | 60.7                  | ..                     |
| July, 1898.  | Lehigh Val., Black Diamond Exp.       | Sayre—Buffalo.....                | 177                      | 2.59               | 59.32                 | 2                      |
| Jan., 1899.  | Burlington Route.....                 | Burlington—Chicago.....           | 206                      | 3.20               | 61.85                 | ..                     |
| Oct., 1899.  | Burlington Route.....                 | Mendota—Clyde.....                | 74.3                     | 0.65               | 68.58                 | ..                     |

\*By Empire State Express. †Including stops. ‡Excluding stops. §Exclusive of stops, or 63.61 miles per hour including stops. Made the trip from Chicago to New York, 953 miles, in 17 hours 45 minutes 23 seconds (or 64.50 miles per hour including ten stops). (a) Including "slow-ups" for taking water, changing engines, etc. (b) Deducting stops, 64.08 miles per hour.

## FASTEST RECORDED RUNS FOR SHORT DISTANCES.

| DATE.       | Railroad.                  | Terminals.                          | Dis-<br>tance,<br>Miles. | Time,<br>M. S. | Miles<br>per<br>Hour. |
|-------------|----------------------------|-------------------------------------|--------------------------|----------------|-----------------------|
| July, 1890. | Phil. & Reading.....       | Skillmans—Belle Meade.....          | 4.1                      | 2.80           | 98.4                  |
| Aug., 1891. | Phil. & Reading.....       | Somerton—.....                      | 1                        | 0.89.8         | 90.5                  |
| Nov., 1892. | Phil. & Reading.....       | Somerton—Parkland.....              | 5                        | 3.25           | 87.8                  |
| Nov., 1892. | Central of New Jersey..... | Fanwood—Westfield, N. J.....        | 1                        | 0.87           | 97.3                  |
| May, 1893.  | N. Y. Central & H. R.....  | Grimesville—.....                   | 1                        | 0.85           | 102.8                 |
| May, 1893.  | N. Y. Central & H. R.....  | Crittenden—"Empire State Exp."..... | 1                        | 0.82           | 112.5                 |
| May, 1893.  | N. Y. Central & H. R.....  | Looneyville—Grimesville.....        | 5                        | 3.00           | 100                   |
| Aug., 1895. | Pennsylvania.....          | Landover—Anacosta.....              | 5.1                      | 3.00           | 102                   |
| Aug., 1895. | Wabash.....                | Boody—Blue Mound.....               | 6                        | 4.7            | 87.46                 |
| Jan., 1899. | Burlington Route.....      | Siding—Arion.....                   | 2.4                      | 1.20           | 130(c)                |

(c) Four stop watches caught the time, but there was no speed indicator on the engine. The fastest time on record was made on the Burlington Route, January, 1899, in a run from Siding to Arion, 2.4 miles in 1 minute 20 seconds, or 130 miles an hour. The fastest time on record for a distance of over 400 miles was made by the Lake Shore and Michigan Southern R.R. from Chicago to Buffalo, in October, 1895. The fastest long-distance run less than 400 miles was on the New York Central R.R. Sept. 11, 1895, from New York to Buffalo, 436 1-2 miles, in 407 minutes actual time. A average speed 64.15 miles an hour, with two stops and 25 slow-ups.

The fastest regular trains in the United States, for a shorter distance, are believed to be the New York Central "Empire State Express," between New York and Albany, 143 miles in 160 minutes (regular also New York to Buffalo, 440 miles in 489 minutes; excluding stops, an average of 53.4 miles an hour), and those between Washington and Baltimore, on the Baltimore and Ohio Railroad, 40 miles in 45 minutes, a speed of 53.33 miles an hour. The run from Washington to New York, 225.3 miles, is made in 5 hours. Deducting 12 minutes for the Jersey City Ferry and 10 minutes for the Canton Ferry, the rate of speed is 43.5 miles per hour. The "Congressional Limited," on the Pennsylvania Railroad, makes the run in 5 hours 5 minutes, but the distance is 227 miles.

The London and Southwestern makes the run from Dorchester to Wareham, 15 miles 2 chains, in 15 minutes, equal to 60.1 miles per hour. The Caledonian Railway of Scotland makes a short run of 32 $\frac{1}{2}$  miles at 59.1 miles an hour.

The London and Northwestern runs a train from London to Crewe, 153 miles, without a stop, at 52.6 miles an hour. The Great Western runs three trains from Paddington Station, London, to Exeter and back, which make 194 miles each without a stop. The fastest of these is timed at 56 miles an hour. The same road runs two expresses from London to Birmingham, 129 $\frac{1}{2}$  miles, without a stop. One of these makes the journey at an average of 53.5 miles an hour. The Great Western also runs an express to South Wales, which makes the run from Paddington to Bath, 106 miles 10 chains, at 54.3 miles an hour, without a stop.

Of long-distance runs in France one is made by the Paris-Orleans line from Paris to Bordeaux, which runs 353 miles at exactly 54 miles an hour, including stops. This is comparable with the New York Central's Empire State Express, which runs from New York to Buffalo, 440 miles, at 53.4 miles an hour. The best runs of such distance to be found in Great Britain are from Kings Cross to Edinburgh by the Great Northern, etc., 393 miles at 60.7 miles an hour; and from Euston to Glasgow, by the Northwestern, etc., 401.5 miles, at 60.2 miles an hour.

Fast running train on Philadelphia and Reading route (July 2, 1897)—Camden to Atlantic City, 55.5 miles, in 48 minutes; average speed, 69.35 miles per hour. On August 15, 1895, on P. & R. and C. & E. R. of N. J., "Royal Blue Line," between Elizabeth, N. J., and Jenkintown, a distance of 69 miles, in 61 minutes, including 2 "slow-ups," some of the miles being traversed in 35 seconds.

The quickest run between Jersey City and Washington, 231 miles, was made on the Central Railroad of New Jersey, March 2, 1897 (by a special train, bearing Vice-President-elect Hobart and party), in 4 hours 8 minutes, making the running time, including "slow-ups" for taking water, changing engines, etc., 60 miles an hour. This beat the time of the "Aunt Jack" train, made by the Madison Square Theatre Company March 10, 1890, which was 4 hours 18 minutes, each way, going and returning.

The Jarrett and Palmer special theatrical train, Jersey City to San Francisco, June, 1876, made the fastest time between the two oceans—3 days 7 hours 39 minutes 16 seconds.

### AVERAGE SPEED, INCLUDING STOPS, OF FOREIGN EXPRESS TRAINS PER HOUR IN MILES.

England, 51.75; Germany, 51.25; France, 49.38; Belgium, 45.04; Holland, 44.73; Italy, 42.34; Austria-Hungary, 41.76.

## Railroad Commissions.

### INTERSTATE COMMERCE COMMISSION.

WASHINGTON, D. C.

Martin A. Knapp, of New York, Chairman.

Judson C. Clements, of Georgia.

James D. Yeomans, of Iowa.

Edward A. Moseley, Secretary.

Charles A. Prouty, of Vermont.

Joseph W. Fifer, of Illinois.

Martin S. Decker, Asst. Secretary.

### STATE RAILROAD COMMISSIONERS.

**Alabama Railroad Commission**—Montgomery. James Crook, Chairman, Jacksonville; A. E. Caffee, Marion; Osceola Kyle, Decatur; V. C. Griffin, Secretary, Montgomery.

**Arkansas Railroad Commission**—Little Rock. Robert Neill, Chairman, Batesville; J. G. Wallace, Russellville; Henry W. Wells, Monticello; C. S. Collins, Secretary, Little Rock.

**California Railroad Commission**—San Francisco. E. B. Edson, Chairman, Gazelle; C. S. Laumeister, San Francisco; N. Blackstock, Ventura; Wm. T. Sesnon, Secretary, San Francisco.

**Colorado State Board of Equalization**—W. H. Griffith, Secretary, Denver, Col.

**Connecticut Board of Railroad Commissioners**—Hartford. W. F. Wilcox, Chairman, Chester; William O. Seymour, Ridgefield; O. R. Fyler, Torrington; Henry F. Billings, Clerk, Hartford.

**Florida Railroad Commissioners**—Tallahassee. Henry E. Day, Chairman, Gainesville; J. M. Bryan, Kissimmee; J. L. Morgan, White Springs; John L. Neeley, Secretary, Tallahassee.

**Georgia Railroad Commission**—Atlanta. L. N. Trammell, Chairman, Marietta; S. R. Atkinson, Atlanta; Thomas C. Crenshaw, Jr., Cartersville; J. D. Massey, Secretary, Atlanta.

**Idaho State Board of Equalization**—State Auditor and Secretary, Boise City.

**Illinois Railroad and Warehouse Commission**—Springfield. C. J. Lindly, Chairman, Greenville; Charles S. Rannels, Jacksonville; Joseph E. Bidwell, Chicago; Wm. Kilpatrick, Secretary, Springfield.

**Indiana Board of Tax Commissioners**—Indianapolis. The Governor of the State, Chairman, and the Secretary of State, the Auditor of State, John Wingate, Commissioner, Wingate; T. B. Buehkirch, Commissioner, Paoli.

**Iowa Board of Railroad Commissioners**—Des Moines. E. A. Dawson, Chairman, Waverly; Welcome Mowry, Elberon; D. J. Palmer, Washington; D. N. Lewis, Secretary, Des Moines.

**Kansas Court of Visitation**—Topeka. W. A. Johnson, Presiding Judge, Garnett; L. S. Crum, Oswego; J. C. Postlethwaite, Jewell City; A. J. Myatt, Solicitor, Wichita.

**Kentucky Railroad Commission**—Frankfort. John C. Wood, Chairman, Mt. Sterling; H. S. Irwin, Louisville; J. F. Dempsey, Madisonville; Samuel D. Brown, Secretary, Frankfort.

**Louisiana Railroad Commission**—Baton Rouge. C. L. de Fuentes, Chairman, New Orleans; R. N. Sims, Jr., Donaldsonville; W. L. Foster, Shreveport; W. M. Barrow, Secretary, Baton Rouge.

**Maine Railroad Commissioners**—Augusta. Joseph B. Peaks, Chairman, Dover; Frederic Danforth, Gardiner; B. F. Chadbourne, Biddeford; E. C. Farrington, Secretary, Augusta.

**Massachusetts Board of Railroad Commissioners**—Boston. James F. Jackson, Chairman, Fall River; H. B. Goodwin, Cambridge; George W. Bishop, Newtonville; William A. Crafts, Secretary, Boston; Fred. E. Jones, Accountant, Brookline; George F. Swain, Bridge Engineer, Boston.

**Michigan Commissioner of Railroads**—Lansing. Chase S. Osborn; Chas. H. Chapman, Deputy Commissioner; Elliot F. Moore, Mechanical Engineer.

**Minnesota Railroad and Warehouse Commission**—St. Paul. Ira B. Mills, Chairman; George L. Becker, P. M. Ringdal; A. K. Teisberg, Secretary, St. Paul.

**Mississippi Railroad Commission**—Jackson. J. J. Evans, Chairman, Aberdeen; M. M. Evans, Moss Point; John D. McInnis, Meridian; John A. Webb, Secretary, Jackson.

**Missouri Railroad and Warehouse Commission**—Jefferson City. Joseph Flory, Chairman; T. J. Hennessey, Wm. E. McCully; James Harding, Secretary.

**Nebraska State Board of Transportation**—Lincoln. The State Auditor, Chairman, the Secretary of State, the Attorney-General, the Commissioner Public Lands, and State Treasurer, Secretaries—J. W. Edgerton, Grand Island; G. L. Laws, Lincoln; James C. Dahlman, Omaha.

**New Hampshire Railroad Commission**—Concord. Henry M. Putney, Chairman, Manchester; E. B. S. Sanborn, Franklin Falls; Josiah G. Bellows, Clerk, Walpole.

**New York Board of Railroad Commissioners**—Albany. Ashley W. Cole, Chairman; F. M. Baker, George W. Dunn; John S. Kenyon, Secretary.

**North Carolina Corporation Commission**—Raleigh. Franklin McNeill, Chairman; Sam. L. Rogers, E. C. Beddingfield; H. C. Brown, Secretary.

**North Dakota Commissioners of Railroads**—Bismarck. John Simons, Chairman, Valley City; L. L. Walton, Lemert; Henry Erickson, Tower; W. A. Stickley, Secretary, Fessenden.

**Ohio Commissioner of Railroads and Telegraphs**—Columbus. R. S. Kayler, Commissioner, Columbus; E. H. Archer, Chief Clerk, Columbus; J. C. Morris, Inspector, Youngstown; N. C. Ailes, Recording Clerk, Columbus; C. M. Runyan, Statistical Clerk, Columbus.

**Oregon Railroad Commission**—Abolished by the Legislature, October, 1898.

**Pennsylvania Bureau of Railways**—Harrisburg. Isaac B. Brown, Superintendent.

**Rhode Island Railroad Commissioner**—Providence. E. L. Freeman.

**South Carolina Railroad Commissioners**—Columbia. W. D. Evans, Chairman, Cheraw; C. W. Garris, Bamberg; J. C. Wilborn, Old Point; D. P. Duncan, Secretary, Columbia.

**South Dakota Railroad Commissioners**—Sioux Falls. W. T. La Follette, Chairman, Chamberlain; Alex. Kirkpatrick, Wittington; W. G. Smith, Sturgis; H. W. Sawyer, Secretary, Sioux Falls; C. C. Crandall, Auditor, Sioux Falls.

**Tennessee Railroad Commissioners**—Nashville. N. W. Baptist, Chairman; J. N. McKenzie, Thos. L. Williams; Frank Avent, Secretary.

**Texas Railroad Commission**—Austin. John H. Reagan, Chairman; L. J. Storey, Allison Mayfield; J. J. Arthur, Secretary.

**Vermont State Railroad Commissioners**—Montpelier and Burlington. D. J. Foster, Chairman, Burlington; A. E. Watson, Hartford; John D. Miller, Wallingford; Miss W. L. Brigham, Clerk, Burlington.

**Virginia Railroad Commission**—Richmond. James C. Hill, Chairman; E. G. Akers, Secretary.

**Wisconsin Railroad Commissioner**—Madison. G. L. Rise; James S. Stack, Deputy Commissioner.

**Wyoming Board of Equalization**—Cheyenne. The State Treasurer, President; the State Auditor, Secretary; the Secretary of State, Member; F. J. Newwander, Clerk.

Railroad Traffic of the World.

| COUNTRIES          | Miles of Railroad | Cost of Roads and Equipments. | Passengers Carried.  | Tons of Freight Carried. | Receipts.              | Expenditures.          |
|--------------------|-------------------|-------------------------------|----------------------|--------------------------|------------------------|------------------------|
| Europe .....       | 161 200           | \$18,335,000,000              | 2,460,000,000        | 1,043,000,000            | \$1,640,000,000        | \$945,000,000          |
| America .....      | 232 060           | 14,570,000,000                | 610,000,000          | 820,000,000              | 1,305,000,000          | 910,000,000            |
| Africa .....       | 8 580             | 515,000,000                   | 24,000,000           | 7,000,000                | 46,500,000             | 23,500,000             |
| Asia .....         | 26 150            | 1,375,000,000                 | 226,000,000          | 38,000,000               | 110,000,000            | 55,000,000             |
| Australia ...      | 14,210            | 725,000,000                   | 60,000,000           | 12,000,000               | 53,600,000             | 31,500,000             |
| <b>Total .....</b> | <b>442,200</b>    | <b>\$35,520,000,000</b>       | <b>3,380,000,000</b> | <b>1,920,000,000</b>     | <b>\$3,155,000,000</b> | <b>\$1,865,000,000</b> |

This table of statistics of the railroads of the world is by Mulhall, and represents the business of the year 1897.

RAILROAD MILEAGE BY COUNTRIES.

The following statement by Engineering represents the world's railway mileage at the beginning of 1898:

| Countries.                                   | Miles.         | Countries.  | Miles.         | Countries.   | Miles.         |
|--|----------------|---|----------------|--|----------------|
| All of Germany.....                          | 30,072         | Central America.....  | 649            | Malay Archipelago.....                                       | 162            |
| Austro-Hungary (including Bosnia etc.).....  | 21,042         | <b>Total, North America.....</b>                                    | <b>210,906</b> | China.....   | 801            |
| Great Britain and Ireland.....               | 21,528         | United States of Colombia.....                                      | 345            | Siam.....  | 168            |
| France.....                                  | 25,338         | Venezuela.....  | 1,111          | Cochin China, Pondicherry, Malacca, and Tonquin.....         | 239            |
| Russia (including Finland).....              | 25,164         | San Domingo.....  | 117            | <b>Total, Asia.....</b>                                      | <b>31,102</b>  |
| Italy.....                                   | 9,717          | Brazil.....   | 8,713          | Egypt.....   | 776            |
| Belgium.....                                 | 3,690          | Argentina.....  | 9,483          | Algeria and Tunis.....                                       | 2,722          |
| Netherlands (including Luxembourg).....      | 1,956          | Paraguay.....   | 158            | Cape Colony and Natal.....                                   | 2,271          |
| Switzerland.....                             | 2,979          | Uruguay.....  | 1,125          | South African Republic.....                                  | 462            |
| Spain.....                                   | 6,828          | Chile.....  | 2,679          | Orange Free State.....                                       | 713            |
| Portugal.....                                | 1,474          | Peru.....   | 1,042          | Mauritius, Reunion, Congo, the Soudan, and other States..... | 2,034          |
| Denmark.....                                 | 1,583          | Bolivia.....  | 625            | <b>Total, Africa.....</b>                                    | <b>9,978</b>   |
| Norway.....                                  | 1,211          | Ecuador.....  | 188            | Australia and Oceanica.....                                  | 14,354         |
| Sweden.....                                  | 6,356          | British Guiana, Barbados, Trinidad, Martinique, and Porto Rico..... | 585            | <b>Recapitulation:</b>                                       |                |
| Servia.....                                  | 356            | <b>Total, South America.....</b>                                    | <b>26,834</b>  | Europe.....  | 163,216        |
| Roumania.....                                | 1,800          | British India.....  | 91,138         | North America.....   | 210,906        |
| Greece.....                                  | 595            | Ceylon.....   | 596            | South America.....   | 26,834         |
| European Turkey, Bulgaria, and Roumelia..... | 1,596          | Turkey in Asia.....   | 1,569          | Asia.....  | 31,102         |
| Malta, Jersey, Man.....                      | 70             | Russia in Asia.....   | 3,321          | Africa.....  | 9,978          |
| <b>Total, Europe.....</b>                    | <b>163,216</b> | Persia.....   | 34             | Australasia.....   | 14,354         |
| United States.....                           | 186,466        | Dutch India.....  | 1,301          | <b>Total.....</b>  | <b>456,420</b> |
| Canada.....                                  | 16,791         | Japan.....  | 2,920          |  |                |
| Newfoundland.....                            | 568            | Portuguese India.....   | 511            |  |                |
| Mexico.....                                  | 7,431          |   |                |  |                |

Railway Mileage in the United States.

BY STATES AND TERRITORIES.

| STATE OR TERRITORY.       | MILEAGE ON JUNE 30, 1898. |             |                | STATE OR TERRITORY.              | MILEAGE ON JUNE 30, 1898. |                 |                   |
|---------------------------|---------------------------|-------------|----------------|----------------------------------|---------------------------|-----------------|-------------------|
|                           | Official.                 | Unofficial. | Total Mileage. |                                  | Official.                 | Unofficial.     | Total Mileage.    |
| Alabama.....              | 2,838.65                  | 31.25       | 3,919.90       | New Jersey.....                  | 2,215.78                  | 21.80           | 2,237.53          |
| Alaska.....               |                           |             |                | New Mexico.....                  | 1,533.79                  | 6.00            | 1,539.79          |
| Arizona.....              | 1,324.50                  | 15.60       | 1,339.50       | New York.....                    | 8,292.33                  | 7.50            | 8,299.82          |
| Arkansas.....             | 2,820.63                  | 40.95       | 2,861.58       | North Carolina.....              | 3,590.51                  | 19.00           | 3,609.51          |
| California.....           | 5,412.32                  | 55.59       | 5,467.91       | North Dakota.....                | 2,584.42                  |                 | 2,584.42          |
| Colorado.....             | 4,547.71                  | 53.47       | 4,601.18       | Ohio.....                        | 8,717.76                  | 18.33           | 8,736.14          |
| Connecticut.....          | 1,009.05                  |             | 1,009.05       | Oklahoma.....                    | 511.75                    |                 | 511.75            |
| Delaware.....             | 351.12                    |             | 351.12         | Oregon.....                      | 1,567.92                  | 31.46           | 1,599.38          |
| District of Columbia..... | 29.75                     |             | 29.75          | Pennsylvania.....                | 9,833.05                  | 76.46           | 9,909.51          |
| Florida.....              | 3,145.12                  | 86.50       | 3,231.62       | Rhode Island.....                | 223.05                    |                 | 223.05            |
| Georgia.....              | 5,390.87                  | 95.00       | 5,485.87       | South Carolina.....              | 2,665.32                  | 23.00           | 2,688.32          |
| Idaho.....                | 1,094.41                  |             | 1,094.41       | South Dakota.....                | 2,790.58                  | 12.21           | 2,802.79          |
| Illinois.....             | 10,849.07                 | 2.60        | 10,851.67      | Tennessee.....                   | 3,089.87                  | 19.50           | 3,109.37          |
| Indiana.....              | 6,399.46                  | 1.00        | 6,400.46       | Texas.....                       | 9,543.62                  | 106.40          | 9,650.02          |
| Indian Territory.....     | 1,188.99                  |             | 1,188.99       | Utah.....                        | 1,417.65                  |                 | 1,417.65          |
| Iowa.....                 | 8,511.73                  | 6.40        | 8,518.13       | Vermont.....                     | 992.81                    |                 | 992.81            |
| Kansas.....               | 8,790.41                  |             | 8,790.41       | Virginia.....                    | 5,660.69                  | 15.50           | 5,676.19          |
| Kentucky.....             | 3,093.41                  | 12.00       | 3,105.41       | Washington.....                  | 2,792.23                  | 37.00           | 2,829.23          |
| Louisiana.....            | 2,434.45                  | 67.00       | 2,501.45       | West Virginia.....               | 2,065.58                  | 77.50           | 2,143.08          |
| Maine.....                | 1,776.21                  |             | 1,776.21       | Wisconsin.....                   | 6,374.27                  | 24.00           | 6,398.27          |
| Maryland.....             | 1,316.27                  | 9.43        | 1,325.70       | Wyoming.....                     | 1,179.97                  |                 | 1,179.97          |
| Massachusetts.....        | 2,110.99                  |             | 2,110.99       | <b>Grand total in U. S. 1898</b> | <b>185,370.77</b>         | <b>1,025.55</b> | <b>186,396.32</b> |
| Michigan.....             | 7,953.73                  | 21.05       | 7,974.78       | <b>Grand total in U. S. 1897</b> | <b>182,919.82</b>         | <b>1,508.65</b> | <b>184,428.47</b> |
| Minnesota.....            | 6,216.96                  |             | 6,216.96       | <b>Grand total in U. S. 1896</b> | <b>181,153.77</b>         | <b>1,829.86</b> | <b>182,776.63</b> |
| Mississippi.....          | 2,671.22                  | 0           | 2,671.22       | <b>Grand total in U. S. 1895</b> | <b>179,175.51</b>         | <b>1,481.96</b> | <b>180,657.47</b> |
| Missouri.....             | 6,753.66                  | 8.90        | 6,762.56       | <b>Grand total in U. S. 1894</b> | <b>176,602.61</b>         | <b>2,105.94</b> | <b>178,708.55</b> |
| Montana.....              | 2,915.46                  |             | 2,915.46       | <b>Grand total in U. S. 1893</b> | <b>170,332.30</b>         | <b>6,128.77</b> | <b>176,461.07</b> |
| Nebraska.....             | 5,604.30                  |             | 5,604.30       | <b>Grand total in U. S. 1892</b> | <b>165,690.97</b>         | <b>5,872.55</b> | <b>171,563.52</b> |
| Nevada.....               | 898.35                    |             | 898.35         | <b>Grand total in U. S. 1891</b> | <b>164,602.79</b>         | <b>3,799.95</b> | <b>168,402.74</b> |
| New Hampshire.....        | 1,239.08                  |             | 1,239.08       |                                  |                           |                 |                   |

## Canals.

STATEMENT showing the cost and date of construction, length, number of locks, and navigable depth of the principal canals of the United States used for commercial purposes.

| CANALS.                              | Cost of Construction.* | When Completed | Len <sup>h</sup> miles. | No. of Locks. | Depth feet.† | Location.   |
|--------------------------------------|------------------------|----------------|-------------------------|---------------|--------------|---|
| Albemarle and Chesapeake.....        | \$1,641,363            | 1860           | 44                      | 1             | 7 1-2        | Norfolk, Va., to Currituck Sound, N. C.                       |
| Augusta.....                         | 1,500,000              | 1847           | 9                       | ...           | 11           | Savannah River, Ga., to Augusta, Ga.                          |
| Black River.....                     | 3,581,954              | 1849           | 35                      | 109           | 4            | Rome, N. Y., to Lyons Falls, N. Y.                            |
| Cayuga and Seneca.....               | 2,232,632              | 1839           | 25                      | 11            | 7            | Montezuma, N. Y., to Cayuga and Seneca Lakes, N. Y.           |
| Champlain.....                       | 4,044,000              | 1822           | 81                      | 32            | 6            | Whitehall, N. Y., to Waterford, N. Y.                         |
| Chesapeake and Delaware.....         | 3,750,230              | 1829           | 14                      | 3             | 9            | Chesapeake City, Md., to Delaware City, Del.                  |
| Chesapeake and Ohio.....             | 11,920,921             | 1850           | 184                     | 73            | 6            | Cumberland, Md., to Washington, D. C.                         |
| Companies.....                       | 90,000                 | 1847           | 92                      | 1             | 6            | Mississippi River, La., to Bayou Black, La.                   |
| Delaware and Raritan.....            | 4,888,749              | 1838           | 66                      | 14            | 7            | New Brunswick, N. J., to Trenton, N. J.                       |
| Delaware Division.....               | 2,438,350              | 1830           | 60                      | 33            | 6            | Easton, Pa., to Bristol, Pa.                                  |
| Des Moines Rapids.....               | 4,582,009              | 1877           | 71-2                    | 3             | 5            | At Des Moines Rapids, Mississippi River.                      |
| Dismal Swamp.....                    | 2,800,000              | 1822           | 22                      | 7             | 6            | Connects Chesapeake Bay with Albemarle Sound.                 |
| Erie.....                            | 52,540,800             | 1825           | 381                     | 72            | 7            | Albany, N. Y., to Buffalo, N. Y.                              |
| Fairfield.....                       | .....                  | .....          | .....                   | 4 1-2         | None.        | Alligator River to Lake Mattimuskeet, N. C.                   |
| Galveston and Brazos.....            | 340,600                | 1851           | 38                      | ...           | 3 1-2        | Galveston, Tex., to Brazos River, Tex.                        |
| Hocking.....                         | 975,181                | 1843           | 42                      | 26            | 4            | Carroll, O., to Nelsonville, O.                               |
| Illinois and Michigan.....           | 7,357,787              | 1818           | 102                     | 15            | 6            | Chicago, Ill., to La Salle, Ill.                              |
| Illinois and Mississippi.....        | 598,643                | 1893           | 4 1-2                   | 3             | 5            | Around lower rapids of Rock Riv., Ill. Connects with Miss. R. |
| Lehigh Coal and Navigation Co. ....  | 4,455,000              | 1893           | 108                     | 57            | 6            | Carlport, Pa., to Easton, Pa.                                 |
| Louisville and Portland.....         | 5,578,631              | 1872           | 21-2                    | 2             | ...          | At Falls of Ohio River, Louisville, Ky.                       |
| Miami and Erie.....                  | 8,092,650              | 1835           | 274                     | 93            | 5 1-2        | Cincinnati, O., to Toledo, O.                                 |
| Morris.....                          | 6,000,000              | 1836           | 103                     | 33            | 5            | Easton, Pa., to Jersey City, N. J.                            |
| Muscle Shoals and Elk R. Shoals..... | 3,156,919              | 1889           | 16                      | 11            | 6            | Big Muscle Shoals, Tenn., to Elk River Shoals, Tenn.          |
| Newberne and Beaufort.....           | .....                  | .....          | 3                       | None.         | ...          | Canfoot Creek to Harlow Creek, N. C.                          |
| Ogeechee.....                        | 407,818                | 1841           | 16                      | 5             | 3            | Savannah River, Ga., to Ogeechee River, Ga.                   |
| Ohio.....                            | 4,695,204              | 1835           | 317                     | 150           | 4            | Cleveland, O., to Portsmouth, O.                              |
| Oswego.....                          | 5,239,526              | 1873           | 28                      | 18            | 7            | Oswego, N. Y., to Syracuse, N. Y.                             |
| Pennsylvania.....                    | 7,731,750              | 1839           | 193                     | 71            | 6            | Columbia, Northumberland, Wilkes-Barre, Huntingdon, Pa.       |
| Portage Lake and Lake Super' r. .... | 628,892                | 1873           | 25                      | None.         | 15           | From Keewenaw Bay to Lake Superior.                           |
| Port Arthur.....                     | .....                  | 1899           | 7                       | ...           | 26           | Port Arthur, Tex., to Gulf of Mexico.                         |
| Sault Ste. Marie.....                | 70,000                 | 1890           | 10                      | ...           | 3            | Waldo, Fla., to Melrose, Fla.                                 |
| Schenck Navigation Company.....      | 4,000,000              | 1895           | 3                       | ...           | 18           | Connects Lakes Superior and Huron at St. Mary's River.        |
| Stromoen Bay and Lake Mich' n. ....  | 12,461,800             | 1896           | 108                     | 71            | 6 1-4        | Mill Creek, Pa., to Philadelphia, Pa.                         |
| St. Mary's Falls.....                | 99,661                 | 1881           | 11 1-4                  | None.         | 15           | Between Green Bay and Lake Michigan.                          |
| St. Mary's Falls.....                | 7,909,667              | 1896           | 11-3                    | 1             | 21           | Connects Lakes Superior and Huron at Sault Ste. Marie, Mich.  |
| Susquehanna and Tidewater.....       | 4,931,345              | 1840           | 45                      | 32            | 5            | Columbia, Pa., to Havre de Grace, Md.                         |
| Walhonding.....                      | 607,269                | 1843           | 25                      | 11            | 4            | Rochester, O., to Roscoe, O.                                  |
| Welland.....                         | 23,796,353             | .....          | 263-4                   | 55            | 14           | Connects Lake Ontario and Lake Erie.                          |

\* And improvements. † Navigable depth.

THE HARLEM RIVER SHIP CANAL, connecting the Hudson River and Long Island Sound, by way of Spuyten Duyvil Creek and Harlem River, was opened for traffic on June 17, 1895, and cost about \$2,700,000.

SUZC CANAL.—The Suez Canal is ninety-two miles long and cost about \$102,750,000.

MANCHESTER SHIP CANAL.—Cost of canal about \$77,000,000. For the half year ending June 30, 1899, the gross revenue of the Ship Canal proper amounted to £124,133, and the expenditure to £91,359, leaving a net balance of £32,825. The Bridgewater canals furnished an additional net revenue of £21,904, making a balance available to meet fixed charges amounting to £55,755. The interest on debentures issued to the public requires £34,742; a mortgage on surplus lands absorbs £1,000, and the interest on the debentures held by the Manchester Corporation amounts to £112,500, making a total sum of £158,242. There is consequently a deficit for the half year of £102,417. A comparison with the corresponding period in 1898, however, shows that some progress is being made, the gross receipts of the Ship Canal showing an increase of £17,485, while the total net balance expanded by £11,125. Should the present growth of revenue be maintained it will be some nine years before the undertaking is able to overtake its fixed charges.—The Economist.

BALTIC CANAL.—Also known as the "North Sea and Baltic" and "Kiel" Canal. The canal is a waterway of great strategical importance for the Imperial fleets. It permits the German naval forces to concentrate themselves either in one sea or the other in a very few hours.

PANAMA CANAL.—Length, 46 1/2 miles; estimated time of transit, 14 hours. The construction of a canal with locks has been pronounced practicable by an international board of French, English, German, Russian, and American engineers. The new plans provide for the usual system of locks and dams. Good harbors exist at the Atlantic and Pacific terminals. The canal is practically finished from Colon to Bujeon, 14 miles; this however, is the least expensive part. The great trouble is in passing through the Culebra Ridge. The width of the canal will be 160 feet at the top and 72 feet at the bottom, except through the ridge, where it will be 78 feet at the top and 29 feet at the bottom. The cost of completing the canal, it is said, will not exceed \$100,000,000. About \$75,000,000 is estimated as having already been expended on the canal, resulting in the accomplishment of about 40 per cent of the entire amount of excavation that will be required. Time required for completion, about ten years.

NICARAGUA CANAL.—Projected to connect the Atlantic and Pacific oceans, using the waters of Lake Nicaragua. Total distance from ocean to ocean, 139.3 miles, depth of canal, 30 feet; least width at bottom, 100 feet; time transit from ocean to ocean, 44 hours; length of Lake Nicaragua, 110 miles; average width, 40 miles; surface area, about 2,600 square miles; area of watershed of lake, about 8,000 square miles.  
From New York to San Francisco by water, around Cape Horn, the distance at present is 15,660 miles by the Nicaragua Canal the distance between the same points will be 4,907 miles, a saving of 10,753 miles. The distances in statute miles from New York to the Pacific Ocean by the principal land and water routes are as follows. By water to Cape Horn, 7,897; by Southern Pacific Railroad, 3,709; by Canadian Pacific Railroad, 3,619; by Central Pacific Railroad, 3,269; by Northern Pacific Railroad, 3,237; by Nicaragua Canal, 2,519. Distance from Manila to New York in nautical miles, via Suez Canal, 11,565; via Nicaragua Canal, 1,746. Distance from Manila to London in nautical miles, via Suez Canal, 9,600; via Nicaragua Canal, 14,880. Estimated cost of construction of Nicaragua Canal by Nicaragua Canal Commission was \$125,000,000; time required for construction, about seven years.



## The Submarine Cables of the World.

(From report issued by the International Bureau of Telegraph Administrations.)

The following table sets forth the entire system of submarine cables of the world, including those along the shores and in the bays, gulfs, and estuaries of rivers, but excepting those in lakes and the interior watercourses of continents. The list includes all cables operated by private companies, and in addition thereof under the name of each nation is given the list of cables operated by the government of that nation.

| COMPANIES.   | Number of Cables. | Length of Cables in Nautical Miles. | COMPANIES.   | Number of Cables. | Length of Cables in Nautical Miles. |
|--|-------------------|-------------------------------------|--|-------------------|-------------------------------------|
| <i>Anglo-American Telegraph Co.:</i>   |                   |                                     | <i>Central and South American Telegraph Co.</i> .....              | 15                | 7,500                               |
| Transatlantic System—Valencia (Ireland) to Heart's Content (Newfoundland).....                                   | 4                 | 7,510                               | <i>Compagnie Allemande des Câbles Télégraphiques</i> .....         | 1                 | 1,114                               |
| Minon, near Brest (France), to St. Pierre-Miquelon.....  | 1                 | 2,718                               | <i>Compania Telegrafico-Telefonica del Plata</i> .....             | 1                 | 28                                  |
| Communication on American coasts.....  | 9                 | 1,964                               | <i>Compania Telegrafico del Rio de la Plata</i> .....              | 1                 | 28                                  |
| European Communication.....  | 1                 | 101                                 | <i>Cuba Submarine Telegraph Co.</i> .....                          | 4                 | 1,049                               |
| Total.....   | 15                | 12,293                              | <i>Direct Spanish Telegraph Co.</i> .....                          | 4                 | 710                                 |
| <i>Commercial Cable Co.:</i>   |                   |                                     | <i>Direct West India Cable Co.:</i>                                |                   |                                     |
| Transatlantic System—Waterville (Ireland) to Canso (Nova Scotia), Canso, N. S., to New York.....                 | 3                 | 6,893                               | Bermuda - Turk's Island, and Turk's Island - Jamaica.....          | 2                 | 1,280                               |
| Canso, N. S., to Rockport, Mass.....   | 1                 | 826                                 | <i>Eastern and South African Telegraph Co.</i> .....               | 13                | 8,907                               |
| Communication in Europe.....   | 2                 | 839                                 | <i>Eastern Extension Australasia and China Telegraph Co.</i> ..... | 27                | 17,359                              |
| Total.....   | 7                 | 9,069                               | <i>Eastern Telegraph Co.:</i>                                      |                   |                                     |
| <i>Direct United States Cable Co.:</i>   |                   |                                     | Anglo-Spanish-Portuguese System.....                               | 13                | 5,374                               |
| Ballinskellig's Bay (Ireland) to Halifax (Nova Scotia).....  | 1                 | 2,564                               | System West of Malta.....  | 18                | 5,713                               |
| Halifax, N. S., to Rye Beach, N. H.....  | 1                 | 535                                 | Italo-Greek System.....  | 2                 | 253                                 |
| Total.....   | 2                 | 3,099                               | Austro-Greek System.....   | 1                 | 503                                 |
| <i>Western Union Telegraph Co.:</i>  |                   |                                     | Greek System.....  | 12                | 699                                 |
| Transatlantic System—Sennen Cove, near Penzance, England, to Dover Bay, near Canso, N. S....                     | 2                 | 5,107                               | Turko-Greek System.....  | 4                 | 578                                 |
| Dover Bay, N. S., to New York.....   | 2                 | 1,776                               | Turkish System.....  | 15                | 842                                 |
| Gulf of Mexico System.....   | 6                 | 459                                 | Egypto-European System.....  | 5                 | 3,427                               |
| Total.....   | 12                | 7,342                               | Egyptian System.....   | 1                 | 155                                 |
| <i>Compagnie Française des Câbles Télégraphiques</i> .....   | 19                | 4,720                               | Egypto-Indiaa System.....  | 13                | 11,805                              |
| Brest (France) to Cape Cod, Mass.....  | 1                 | 3,250                               | Total.....   | 84                | 29,349                              |
| Brest (France) to St. Pierre-Miq... St. Pierre to Cape Cod, Mass.....  | 1                 | 2,291                               |  |                   |                                     |
| Other branch lines.....  | 2                 | 423                                 | <i>Europe and Azores Telegraph Co.</i> .....                       | 2                 | 1,053                               |
| Total.....   | 24                | 11,511                              | <i>Great Northern Telegraph Co.:</i>                               |                   |                                     |
| <i>African Direct Telegraph Co.</i> .....  | 8                 | 2,938                               | Cables in Europe and Asia.....                                     | 24                | 6,982                               |
| <i>Black Sea Telegraph Co.</i> .....   | 1                 | 337                                 | <i>Halifax and Bermuda Cable Co.</i> .....                         | 1                 | 850                                 |
| <i>Brazilian Submarine Telegraph Co.:</i>  |                   |                                     | <i>Indo-European Telegraph Co.</i> .....                           | 2                 | 14                                  |
| Carcavellos, near Lisbon (Portugal), to Madeira, to St. Vincent (Cape Verde Island), to Pernambuco (Brazil)..... | 6                 | 7,875                               | <i>India Rubber, Gutta Percha, and Telegraph Works Co.</i> .....   | 3                 | 146                                 |
|  |                   |                                     | <i>Mexican Telegraph Co.</i> .....                                 | 3                 | 1,528                               |
|  |                   |                                     | <i>River Plate Telegraph Co.</i> .....                             | 1                 | 32                                  |
|  |                   |                                     | <i>South American Cable Co.</i> .....                              | 2                 | 2,049                               |
|  |                   |                                     | <i>United States and Hayti Telegraph and Cable Co.</i> .....       | 1                 | 1,339                               |
|  |                   |                                     | <i>West African Telegraph Co.</i> .....                            | 11                | 2,977                               |
|  |                   |                                     | <i>West Coast of America Telegraph Co.</i> .....                   | 8                 | 1,966                               |
|  |                   |                                     | <i>Western and Brazilian Telegraph Co.</i> .....                   | 16                | 6,154                               |
|  |                   |                                     | <i>West India &amp; Panama Telegraph Co.</i> .....                 | 24                | 4,639                               |
|  |                   |                                     | Grand total.....   | 323               | 151,067                             |

### CABLES OWNED BY NATIONS.

|                                |     |       |   |       |        |
|--------------------------------|-----|-------|---|-------|--------|
| Austria.....                   | 41  | 214   | Argentine Republic and Brazil....                       | 49    | 119    |
| Belgium.....                   | 2   | 55    | Australia and New Zealand.....                          | 31    | 845    |
| Denmark.....                   | 73  | 235   | Bahama Islands.....                                     | 1     | 213    |
| France.....                    | 54  | 5,035 | British America.....                                    | 1     | 200    |
| Germany.....                   | 58  | 2,325 | British India (Indo-European Telegraph Department)..... | 111   | 1,919  |
| Great Britain and Ireland..... | 135 | 1,989 | China.....  | 2     | 113    |
| Greece.....                    | 46  | 55    | Cochin China and Tonquin.....                           | 2     | 774    |
| Holland.....                   | 24  | 62    | Japan.....  | 70    | 1,568  |
| Italy.....                     | 39  | 1,061 | Macao.....  | 1     | 2      |
| Norway.....                    | 325 | 324   | Nouvelle Calédonie.....                                 | 1     | 1      |
| Portugal.....                  | 4   | 115   | Netherlands Indies.....                                 | 7     | 891    |
| Russia.....                    | 9   | 231   | Senegal, Africa—Dakar to Gorée Island.....              | 1     | 3      |
| Spain.....                     | 15  | 1,744 | Total.....  | 1,141 | 19,836 |
| Sweden.....                    | 14  | 96    |   |       |        |
| Switzerland.....               | 2   | 10    |   |       |        |
| Turkey.....                    | 23  | 344   |   |       |        |

## Telegraph Rates

BETWEEN NEW YORK CITY AND PLACES IN UNITED STATES AND CANADA.  
 EXPLANATION: Day rate, 40-3, means 40 cents for ten words and 3 cents for each additional word; night rate, 30-2, means 30 cents for ten words and 2 cents for each additional word. Address and signature are free. Rates given are Western Union rates.

| PLACES.   | RATE.  |        | PLACES.   | RATE.   |         |
|---|--------|--------|---|---------|---------|
|   | Day.   | Night. |   | Day     | Night.  |
| ALABAMA.....  | 50-3   | 30-2   | MISSISSIPPI.....  | 50-3    | 30-2    |
| ALASKA: Messages by steamer from Seattle, Wash., to Skagway, Alaska, thence by telegraph or mail to destination.  |        |        | MISSOURI: St. Louis.....  | 40-3    | 30-2    |
| ARIZONA.....  | 1.00-7 | 1.00-7 | Hannibal, Jefferson City, Kansas City, Louisiana, Sedalia, St. Joseph.....  | 50-3    | 30-2    |
| ARKANSAS: Helena, Hot Springs, Little Rock, Pine Bluff.....   | 50-3   | 30-2   | All other places.....   | 60-4    | 40-3    |
| All other places.....   | 60-4   | 40-3   | MONTANA.....  | 75-5    | 60-4    |
| BRITISH COLUMBIA: Fort Steele, Grand Forks, Greenwood, Nanaimo, Nelson, New Westminster, Rossland, Vancouver, Victoria.....   | 1.00-7 | 1.00-7 | NEBRASKA: Omaha.....  | 50-3    | 30-2    |
| CALIFORNIA.....   | 1.00-7 | 1.00-7 | All other places.....   | 60-4    | 40-3    |
| COLORADO.....   | 75-5   | 60-4   | NEVADA.....   | 1.00-7  | 1.00-7  |
| CONNECTICUT.....  | 25-2   | 25-1   | NEW BRUNSWICK: St. Stephen.....   | 35-2    | 25-1    |
| DELAWARE.....   | 25-2   | 25-1   | All other places.....   | 50-3    | 30-2    |
| DISTRICT OF COLUMBIA.....   | 25-2   | 25-1   | NEWFOUNDLAND: St. John's.....   | 1.25-11 | 1.25-11 |
| FLORIDA.....  | 60-4   | 40-3   | NEW HAMPSHIRE.....  | 25-2    | 25-1    |
| GEORGIA.....  | 50-3   | 30-2   | NEW JERSEY.....   |         |         |
| IDAHO.....  | 1.00-7 | 1.00-7 | Bloomfield, Carlstadt, East Orange, Elizabeth, Glen Ridge, Hoboken, Jersey City, Montclair, Mountain Station, Newark, Orange Valley, Passaic, Paterson, Rutherford, South Orange, Union Hill, Weehawken.....  | 20-1    | 20-1    |
| ILLINOIS: Chicago, Union Stock Yards, National Stock Yards.....   | 40-3   | 30-2   | All other places.....   | 25-2    | 25-1    |
| All other places.....   | 50-3   | 30-2   | NEW MEXICO.....   | 75-5    | 60-4    |
| INDIANA: Columbus, Fort Wayne, Indianapolis, Jeffersonville, La Fayette, Logansport, New Albany, Richmond, Union City.....  | 40-3   | 30-2   | NEW YORK: Astoria, Brooklyn, Caryl, Flatbush, Fordham Heights, Governor's Island, High Bridge, Hunter's Point, Kingsbridge, Long Island City, Morris Heights, New York City, Ravenswood, Riverdale, Spuyten Duyvil, Van Cortlandt, Williamsbridge, Woodlawn, Yonkers..... | 20-1    | 20-1    |
| All other places.....   | 50-3   | 30-2   | All other places.....   | 25-2    | 25-1    |
| INDIAN TERRITORY.....   | 75-5   | 60-4   | NORTH CAROLINA.....   | 50-3    | 30-2    |
| IOWA: Burlington, Cedar Rapids, Clinton, Council Bluffs, Davenport, Des Moines, Dubuque, Fort Madison, Grinnell, Iowa City, Keokuk, Muscatine, Newton, Sioux City, Wilton.....  | 50-3   | 30-2   | NORTH DAKOTA.....   | 75-5    | 60-4    |
| All other places.....   | 60-4   | 40-3   | NORTH WEST TERRITORIES.....   |         |         |
| KANSAS: Atchison, Leavenworth.....  | 50-3   | 30-2   | Klondike: Messages by steamer from Seattle, Wash. to Skagway, Alaska, thence by telegraph to destination.   |         |         |
| All other places.....   | 60-4   | 40-3   | NOVA SCOTIA.....  | 50-3    | 30-2    |
| KENTUCKY: Covington, Lexington, Louisville, Newport.....  | 40-3   | 30-2   | OHIO: Bellaire, Bridgeport, Brilliant, Martin's Ferry.....  | 35-2    | 25-1    |
| All other places.....   | 50-3   | 30-2   | All other places.....   | 40-3    | 30-2    |
| KLONDIKE: See Alaska and Northwest Territories.   |        |        | OKLAHOMA TERRITORY.....   | 75-5    | 60-4    |
| LOUISIANA.....  | 60-4   | 40-3   | ONTARIO.....  | 40-3    | 30-2    |
| MAINE.....  | 25-2   | 25-1   | OREGON.....   | 1.00-7  | 1.00-7  |
| MANITOBA.....   | 75-5   | 60-4   | PENNSYLVANIA: Philadelphia.....   | 20-1    | 20-1    |
| MARYLAND:   |        |        | All other places.....   | 25-2    | 25-1    |
| Aberdeen, Aiken, Annapolis, Ashland, Baltimore, Barclay Sta., Black's, Centerville, Chesapeake City, Chestertown, Childs, Colona, Conowingo, Cordova, Cumberland, Elkton, Frederick, Goldsboro, Golt, Greensboro, Hagerstown, Hancock, Hayve de Grace, Henderson, Kennedyville, Lambson, Leslie, Lynch's, Marydell, Massey Cross Roads, Millington, North East, Octorara, Perryville, Port Deposit, Price's, Queen Anne, Ridgely, Rising Sun, Rowlandsville, Singery, Sudlersville, Worton..... | 25-2   | 25-1   | QUEBEC: Stanstead.....  | 25-2    | 25-1    |
| Berlin, Easton, Federalsburg, Salisbury.....  | 30-2   | 25-1   | All other places.....   | 40-3    | 30-2    |
| All other places.....   | 40-3   | 30-2   | RHODE ISLAND.....   | 25-2    | 25-1    |
| MASSACHUSETTS.....  | 25-2   | 25-1   | SOUTH CAROLINA.....   | 50-3    | 30-2    |
| MICHIGAN: Ann Arbor, Bay City, Detroit, E. Saginaw, Flint, Mount Clemens, Port Huron, Saginaw City, So. Bay City, Ypsilanti.....  | 40-3   | 30-2   | SOUTH DAKOTA.....   | 75-5    | 60-4    |
| All other places.....   | 50-3   | 30-2   | TENNESSEE: Bristol, Clarksville, Memphis, Nashville.....  | 40-3    | 30-2    |
| MINNESOTA: Duluth, Hastings, Minneapolis, Red Wing, St. Paul, Stillwater, Wabasha, Winona.....  | 50-3   | 30-2   | All other places.....   | 50-3    | 30-2    |
| All other places.....   | 60-4   | 40-3   | TEXAS: Austin, Dallas, Denison, Fort Worth, Gainesville, Galveston, Houston, Paris, San Antonio, Sherman, Waco.....   | 75-5    | 50-3    |
|   |        |        | All other places.....   | 75-5    | 60-4    |
|   |        |        | UTAH.....   | 75-5    | 60-4    |
|   |        |        | VERMONT.....  | 25-2    | 25-1    |
|   |        |        | VIRGINIA:   |         |         |
|   |        |        | Alexandria, Fredericksburg.....   | 25-2    | 25-1    |
|   |        |        | Norfolk, Petersburg, Portsmouth, Richmond, Staunton, West Norfolk.....  | 35-2    | 25-1    |
|   |        |        | All other places.....   | 40-3    | 30-2    |
|   |        |        | WASHINGTON.....   | 1.00-7  | 1.00-7  |
|   |        |        | WEST VIRGINIA: Parkersburg, Piedmont, Wheeling.....   | 35-2    | 25-1    |
|   |        |        | All other places.....   | 40-3    | 30-2    |
|   |        |        | WISCONSIN.....  | 50-3    | 30-2    |
|   |        |        | WYOMING.....  | 75-5    | 60-4    |

TELEGRAPH RATES—Continued.

TELEGRAPH RATES TO FOREIGN COUNTRIES.

These rates are from New York City. The address and signature are included in the chargeable matter, and the length of words is limited to fifteen letters. When a word is composed of more than fifteen letters, every additional fifteen or the fraction of fifteen letters will be counted as a word.

| Per Word.                | Per Word.               | Per Word.                     | Per Word.                    |
|--------------------------|-------------------------|-------------------------------|------------------------------|
| Algeria.....\$0.32       | Demerara.....\$1.49     | Martinique.....\$1.00         | Santo Domingo.....\$1.32     |
| Alexandria(Egypt) 56     | Denmark..... 35         | Matanzas..... 25              | Scotland..... 25             |
| Antigua..... 56          | Ecuador..... 1.25       | Melbourne, Vic 1.43           | Serbia..... 36               |
| Argentine Repub. 1.00    | England..... 25         | Mexico(City,\$1.75,10 wds. 35 | Siam..... 1.19               |
| Austria..... 34          | France..... 25          | Nassau(Bahamas). 35           | Singapore..... 1.35          |
| Barbadoes..... 96        | Germany..... 25         | Natal (So. Africa). 1.23      | Spain..... 40                |
| Belgium..... 25          | Gibraltar..... 43       | New South Wales. 1.45         | St. Thomas..... 1.01         |
| Bermuda..... 42          | Greece..... 38          | New Zealand..... 1.52         | Sweden..... 30               |
| Bolivia..... 1.25        | Guatemala..... 55       | Norway..... 25                | Switzerland..... 30          |
| Brazil..... 1.35         | Havana..... 25          | Orange Free State. 1.23       | Sydney (N. S. W.). 1.45      |
| Bulgaria..... 38         | Hayti..... 1.55         | Panama..... 97                | Tangier..... 45              |
| Burmah..... 1.27         | Holland..... 25         | Paraguay..... 1.00            | Tasmania..... 1.58           |
| Callao (Peru)..... 1.25  | Hungary..... 34         | Penang..... 1.35              | Transvaal..... 1.23          |
| Cairo (Egypt)..... 61    | India..... 1.23         | Peru..... 1.25                | Trinidad..... 1.03           |
| Cape Colony(S.A.f.) 1.23 | Ireland..... 25         | Porto Rico..... 25            | Turkey (Europe)..... 37      |
| Ceylon..... 1.25         | Italy..... 21           | Portugal..... 32              | Turkey (Asia)..... 47        |
| Chile..... 1.25          | Jamaica..... 48         | Queensland..... 1.50          | Uruguay..... 1.00            |
| China..... 1.60          | Japan..... 1.76         | Roumania..... 36              | Venezuela..... 1.60          |
| Cochin China..... 1.35   | Java..... 1.47          | Russia (Europe).... 43        | Vera Cruz,\$1.75, 10 wds. 56 |
| Colon..... 97            | Korea (Seoul)..... 1.96 | Russia (Asia, West) 50        | Victoria (Aus.)..... 1.43    |
| Cyprus..... 56           | Malta..... 36           | Russia (Asia, East). 56       |                              |

TELEGRAPH AND TELEPHONE STATISTICS.

THE WESTERN UNION TELEGRAPH COMPANY.

Statement exhibiting the mileage of lines operated, number of offices, number of messages sent, receipts, expenses, and profits for 1866, 1870, 1875, 1880, and 1890, and each year from 1893 to 1899 inclusive:

| YEAR.     | Miles of Poles and Cables. | Miles of Wire. | Offices. | Messages.  | Receipts.      | Expenses.      | Profits.       |
|-----------|----------------------------|----------------|----------|------------|----------------|----------------|----------------|
| 1866..... | 37,390                     | 75,686         | 2,250    | .....      | .....          | .....          | .....          |
| 1870..... | 54,109                     | 112,191        | 3,972    | 9,157,646  | \$7,199,737.96 | \$4,910,773.42 | \$2,227,965.54 |
| 1875..... | 72,893                     | 179,496        | 6,565    | 17,163,710 | 9,564,674.60   | 6,336,414.77   | 3,229,157.83   |
| 1880..... | 85,645                     | 203,554        | 9,077    | 29,215,509 | 12,732,894.63  | 6,948,966.74   | 5,853,967.79   |
| 1890..... | 183,917                    | 678,997        | 19,382   | 55,878,762 | 22,387,036.91  | 15,074,303.81  | 7,312,725.10   |
| 1893..... | 189,936                    | 769,301        | 21,078   | 66,561,858 | 24,978,412.96  | 17,492,405.66  | 7,496,067.30   |
| 1894..... | 190,303                    | 790,792        | 21,166   | 68,632,267 | 21,852,656.00  | 16,060,170.00  | 5,792,486.00   |
| 1895..... | 159,714                    | 802,651        | 21,360   | 68,307,315 | 22,218,019.18  | 15,076,629.97  | 6,141,389.21   |
| 1896..... | 159,613                    | 826,229        | 21,725   | 69,760,444 | 22,613,736.23  | 16,714,766.10  | 5,897,969.13   |
| 1897..... | 196,614                    | 841,002        | 21,769   | 68,161,694 | 22,638,359.18  | 16,906,666.06  | 5,732,203.13   |
| 1898..... | 189,847                    | 874,430        | 22,210   | 62,173,749 | 26,915,732.73  | 17,836,581.52  | 6,090,151.26   |
| 1899..... | 189,856                    | 904,633        | 22,255   | 61,308,157 | 28,954,312.06  | 18,065,679.19  | 5,868,732.86   |

The average toll per message in 1868 was 104.7; in 1880 was 31.2; in 1890 was 32.4; in 1891 was 32.5; in 1892 was 31.6; in 1893 was 31.2; in 1894 was 30.5; in 1895 was 30.7; in 1896 was 30.9; in 1897 was 30.5; in 1898 was 30.1; in 1899 was 30.8. The average cost per message to the company in 1868 was 68.4; in 1899 was 22.4; in 1890 was 22.7; in 1891 was 23.2; in 1892 was 22.3; in 1893 was 22.7; in 1894 was 23.3; in 1895 was 23.3; in 1896 was 24.0; in 1897 was 24.3; in 1898 was 24.7; in 1899 was 25.1.

The Postal Telegraph Cable Company also transacts business over a portion of the United States, but the company declines to furnish information of its wire mileage, etc.

GROWTH OF THE TELEGRAPH SERVICE IN THE WORLD.

Number of messages, 1870: Norway, 466,700; Sweden, 590,300; Denmark, 513,636; Germany, 8,207,800; Netherlands, 1,837,800; Belgium, 1,998,800; France, 5,633,300; Switzerland, 1,629,326; Spain, 1,050,000; Italy, 2,189,000; Austria, 3,393,249; Hungary, 1,489,000; United States, 9,157,646; Great Britain and Ireland, 9,650,000.

Number of messages, 1895-96: Norway, 2,000,000; Sweden, 3,000,000; Denmark, 1,502,965; Germany, 32,124,472; Netherlands, 4,386,010; Belgium, 8,307,153; France, 52,000,000; Switzerland, 6,000,000; Spain, 4,064,704; Italy, 8,842,383; Austria, 12,602,632; Hungary, 9,989,844; United States, 70,000,000; Great Britain and Ireland, 78,839,610.

TELEPHONE STATISTICS.

The following are the latest statistics made public by the American Bell Telephone Company, which practically monopolizes the telephone business of the United States. The figures are for January 1 of each year:

|                             | 1896.   | 1897.   | 1898.   | 1899.   |                          | 1896.   | 1897.   | 1898.   | 1899.   |
|-----------------------------|---------|---------|---------|---------|--------------------------|---------|---------|---------|---------|
| Exchanges.....              | 927     | 967     | 1,026   | 1,126   | Miles of wire submarine  | 2,088   | 2,818   | 2,675   | 2,973   |
| Branch offices.....         | 686     | 832     | 937     | 1,008   | Total miles of wire..... | 469,728 | 666,846 | 696,400 | 772,989 |
| Miles of wire on poles..... | 260,324 | 266,632 | 327,315 | 396,568 | Total circuits.....      | 297,357 | 264,646 | 295,904 | 338,293 |
| Miles of wire on build'gs   | 12,861  | 12,594  | 13,776  | 15,329  | Total employes.....      | 11,990  | 14,426  | 16,622  | 19,668  |
| Miles of wire undergrnd     | 184,616 | 234,801 | 292,634 | 358,184 | Total stations.....      | 261,895 | 336,244 | 334,230 | 465,180 |

The number of instruments in the hands of licensees under rental at the beginning of 1899 was 1,124,846. The number of exchange connections daily in the United States is 8,838,070, or a total per year of over 1,231,000,000. The average number of daily calls per subscriber was 8 2-10. The capital of the company is \$25,886,800.

The long-distance company had January 1 1899, 10,079 miles of pole line and cable, and 123,275 miles of wire connecting 285 offices.

On January 1, 1898, Germany had 173,961 telephone stations; Sweden and Norway, 52,390; France, 45,000; Russia, 20,108; all Continental Europe, 465,180; Great Britain (1899), 103,064; United States (1899), 465,180.

**Electrical Progress in 1899.**

IN GENERAL.

THE close of the year 1899 found the electrical industry in all its departments in a remarkable and unprecedented state of prosperity and progress. The general increase in our export trade was shared by electrical manufacturers, but not to such an extent as will obtain in the near future, on account of the fact that just at present the domestic market cannot be promptly supplied with electrical products. Throughout the country electrical shops are crowded to their utmost capacity, and if the present prosperity continues, facilities for manufacturing will have to be materially increased. Recently published statistics from an authoritative source estimate that the total American capital in the electrical industry, almost the whole of it producing a rate of return far above the average market price of money, reaches the surprising grand total of \$3,260,000,000. These results have been accomplished practically in the last twenty years and indicate a future for electrical development that can scarcely be imagined.

Careful students of the situation believe that the greatest electrical progress, outside of the field of pure invention, will lie in the direction of cheapening the cost of production and distribution of electric current. The alternating current, which can be much more economically transmitted to distant points, will, it is thought, eventually displace the direct current, except for special services.

Another electrical exposition was held in the Madison Square Garden, New York City, during May, 1899. A handsome collection of electrical apparatus and devices was made, but no startling novelties were shown. A demonstration of wireless telegraphy on a small scale attracted considerable interest, and an extensive collection of electromobilities was exhibited. The most interesting of these was an electric railway repair wagon.

The National Export Exposition, held at Philadelphia during the Fall months, utilized the electric current liberally for decorative purposes, and also included a department devoted to the exhibition of electrical apparatus.

**THE TELEGRAPH.**

The principal advance of the year has been in the development of wireless telegraphy. There has been reported a test of a new system of very high speed telegraphy in Austria. This system is no great novelty. Two Hungarian engineers, Pollak and Virag, conceived the idea of using a system practically similar to that employed on cables for high-speed telegraphy. The messages are first given to an operator of a typewriter machine, which punches certain arrangements of long and short holes in a paper strip, similar to that used in the familiar "ticker," corresponding to the letters of the alphabet. These holes are so arranged that when the paper tape is run through a proper sending machine certain positive and negative impulses corresponding to each letter will be sent out on the line. For example, the letter A consists of one positive and one negative impulse; the letter B of one negative and three positive impulses, and so for the other letters of the alphabet. This tape, once prepared, can be sent through the sending machine with great speed. The machine is very simple. A spool, over which runs the tape, has two metallic rings imbedded in it under the holes on the sides of the tape corresponding to positive or negative impulses. Over these two springs bear upon the paper strip. When a hole passes on either side, the corresponding spring presses through it upon the cylinder of metal beneath, completing an electrical circuit. Through this arrangement the line is given connection with the positive or negative side of the sending battery in such combinations as indicate each letter. The impulses arrive at the receiving end, and traverse a simple galvanometer arrangement which deflects to left or right accordingly as the impulses are positive or negative. A mirror mounted upon the moving part of the instrument reflects a beam of light which is allowed to fall on a sensitive photographic paper tape or sheet moved by clockwork. In this way the right and left deflections are recorded. A speed of over 100,000 words per hour on long lines has been attained with this system.

Signor Marconi and several assistants came to New York City in September to report the international yacht races off Sandy Hook by wireless telegraphy. Sending apparatus were located aboard two steamships, which followed the yachts, and receiving stations were placed, one on the cable-ship Mackay-Bennett, anchored near the Sandy Hook Lightship, and the other on shore at the Highlands of Navesink. Bulletins of the progress of the race were sent from the following steamships to the Mackay-Bennett, and were received on a Morse tape recorder. They were then translated, written out, and telegraphed to New York City over a submarine cable, the end of which was connected to telegraph instruments aboard the Mackay-Bennett. The cable-ship was used for the experiments, which were successful, under the auspices of the Postal Telegraph Cable Company and the Commercial Cable Company. The Western Union Telegraph Company also had an ocean telegraph station off Sandy Hook in the form of a schooner at anchor with the end of a cable aboard connected with telegraph instruments. Newspaper tugs carried their bulletins to the schooner, from which they were telegraphed to New York in the ordinary manner.

The Signal Corps of the army made several experiments with Marconi's system of wireless telegraphy, with a view to its adoption by the corps for military use. The Navy Department also appointed a board of officers to report on tests made with the system between the cruiser New York, the battle-ship Massachusetts, and the torpedo-boat Porter. It is understood that neither of these tests was completely successful, and that it is doubtful if the Government adopts the system, chiefly on account of the high value Mr. Marconi places on his system and patents, about the validity of which there seems to be some doubt.

At the close of the year it was estimated that about \$250,000,000 was invested in telegraphs in the United States. This includes the money invested in the plants of the two great companies, railroad telegraphs, messenger systems, and fire and police telegraphs.

**THE TELEPHONE.**

Telephony progressed during the last year at more rapid strides than any other branch of electrical development. The Bell interests in the Middle Northern States were practically combined into one system, which has become known as the Erie System, and which is probably at the present time the most extensive of the licensees of the American Bell Telephone Company. The Bell companies on the Pacific coast were also practically combined into one organization. The number of instruments issued by the American Bell Telephone Company to its licensees was the largest in its history. The company's system now includes about 500,000 subscribers, and represents a value of probably \$225,000,000.

The system of the New York Telephone Company had at the end of the year 1899 over 37,000 stations in the boroughs of Manhattan and the Bronx, this being a gain of about 10,000 stations for the year. In Greater New York there was a total of over 49,000 stations, the boroughs of Brooklyn, Queens, and Richmond being served by a separate company. The number of public stations added to the system during the year was proportionate. In the matter of direct underground distribution of subscribers' lines much progress was made, and at present about 70 per cent of the stations are connected by wires which go overhead at no point between the telephone instruments

## ELECTRICAL PROGRESS IN 1899—Continued.

and the switchboard. During the year the company opened two new exchanges operated on the common battery system, and installed new switchboards operating on this system in three of its old exchanges. The new system has proven very popular with subscribers on account of the marked gain in rapidity and accuracy of operation. The work of converting the remaining portions of the company's system to this basis is now in progress. The company has reduced its rates for service, and practically the entire system has been put on the "measured service" basis.

The "independent" telephone movement progressed greatly during the year, chiefly in the Middle Western States. There are now nearly 3,000 "independent" telephone exchanges in the United States, serving about 250,000 subscribers, at rates usually lower than the Bell charges for the same service. Toward the close of the year a number of prominent capitalists formed the Continental Telephone, Telegraph, and Cable Company, with a paid-in capital of \$25,000,000. The object of the company, it was announced, was to connect together the "independent" exchanges throughout the country and to provide them with a long-distance service similar to that provided by the American Telephone and Telegraph Company for the licenses of the American Bell Telephone Company. The formation of the Continental Company, in the opinion of many, indicated that the American Bell Telephone Company would at last have a real competitor in its formerly exclusive field.

## ELECTRIC LIGHTING.

The most noteworthy development of electric lighting during the year was the increased use of the long-burning inclosed arc lamp, especially for street lighting. These economical and efficient lamps are rapidly extending their field of usefulness, and there are probably 125,000 of them in service in Greater New York alone.

The Dewey celebrations in New York City and elsewhere were wonderfully enhanced by the use of electric lamps for decorative lighting. At the night ceremonies in New York the city was literally aflame with light. The Dewey Arch in Madison Square was an artistic glow of radiance, and search-lights, located on high places, pierced the heavens with their beams. The largest electric sign ever constructed was that on the Brooklyn Bridge. It was composed of letters nearly forty feet high, forming the words "Welcome Dewey," and could be seen from a long distance down the bay.

Soldiers returning from the war were welcomed in their home cities by arches and avenues of triumph, electrically illuminated.

Central electric-light stations look forward to the charging of storage batteries for the operation of electromobiles as a profitable source of revenue for their periods of light load, and are arranging to care for a large number of such customers.

While no exact statistics of electric lighting in the United States are obtainable, conservative estimates place the amount of capital now invested in this branch of the industry at \$1,000,000,000. There are in service at the present time about 500,000 arc lights and over 20,000,000 incandescent lamps. In Greater New York alone there are thirty-five electric-light stations, generating current for 1,000,000 incandescent lamps, 30,000 arc lights and about 25,000 horse-power of small motors for various purposes. It is believed that the capital invested in isolated electric-lighting plants in Greater New York approximates \$25,000,000.

## ELECTRIC POWER.

The principal development of the year in the electric power branch of the industry was the change in the attitude of machine-tool builders toward the use of direct connected electric motors for driving tools. Formerly builders of tools were opposed to the use of motors, as involving extraordinary expense and, to a certain extent, doubtful operation. But the evident advantages of such a combination appealed to purchasers. The electrical manufacturing companies overcame such defects as existed, and machine-tool builders are now clamoring for motors to attach to their product. Several electrical manufacturing companies have entirely done away with belting, and are operating their entire plants by electric motors.

The new first-class battle-ships Kearsarge and Kentucky are completely equipped electrically, and all their auxiliary apparatus is driven by electric motors.

The plants of both the Niagara Falls Power Company and the Niagara Falls Hydraulic and Power Manufacturing Company were materially increased during the year. The vicinity of Niagara Falls and Buffalo, N. Y., is now supplied by electric current for power purposes almost exclusively.

## ELECTRIC TRANSMISSION.

This field of electric development experienced a healthy growth during the year, chiefly in the increase in the number of plants generating electric current by water power and transmitting it to distant points for use. One plant in California generates current in this manner, and transmits it a distance of eighty-three miles for local service. The high prices for copper during the year enabled the manufacturers of aluminum wire and cable to place their product in competition with copper, and several plants are now using aluminum transmission lines with satisfactory results.

## ELECTRIC TRACTION.

Properly included under this head is the wonderful progress made during 1899 in the development of the electromobile, or horseless carriage, propelled by electricity supplied by storage batteries. These vehicles are rapidly coming into use and their first cost is gradually being cheapened. Public electromobile service is now an established institution in New York and also in Boston, as well as several other cities in a smaller degree. Physicians especially have found that even at the present high prices for electromobiles their cost of maintenance compares favorably with that of vehicles drawn by horses. The Automobile Club of America, which includes in its membership a large number of owners of electromobiles, was formed toward the close of the year and promises to do a great deal for the development of this class of transportation, as well as giving valuable assistance to the "good-roads" movement. It has been pretty thoroughly demonstrated that the electromobile is the most economical and available type of horseless vehicle for use on city streets, but at the present time, when it is difficult to have the requisite storage batteries recharged outside of cities and towns, the steam-propelled vehicle seems to be the best adapted for interurban or touring use.

During the year the Third Avenue Railroad Company, of New York, changed over its entire system from cable traction to the underground conduit electric system. The engineering problems involved were of the most intricate and complicated character. Service was interrupted for but a few hours, and then only after the period of heavy traffic had passed. In fact, several sections of the company's road were transposed almost instantly from cable to electric traction. If present plans are carried out in the time now expected it will be but a short while before every street railway in the city of New York will be completely electrically equipped on the underground conduit system.

The street railway service of the United States is now performed almost entirely by electric traction. It is estimated that the capital liabilities of the street railways of the country at the close of the year were in the vicinity of \$1,700,000,000. There are about 950 electric railways in the United States.

## Help in Case of Accidents.

**Drowning.** 1. Loosen clothing, if any. 2. Empty lungs of water by laying body on its stomach, and lifting it by the middle so that the head hangs down. Jerk the body a few times. 3. Pull tongue forward, using handkerchief, or pin with string, if necessary. 4. Imitate motion of respiration by alternately compressing and expanding the lower ribs, about twenty times a minute. Alternately raising and lowering the arms from the sides up above the head will stimulate the action of the lungs. Let it be done gently but persistently. 5. Apply warmth and friction to extremities. 6. By holding tongue forward, closing the nostrils, and pressing the "Adam's apple" back (so as to close entrance to stomach), direct inflation may be tried. Take a deep breath and breathe it forcibly into the mouth of patient, compress the chest to expel the air, and repeat the operation. 7. DON'T GIVE UP! People have been saved after HOURS of patient, vigorous effort. 8. When breathing begins, get patient into a warm bed, give WARM drinks, or spirits in teaspoonfuls, fresh air, and quiet.

**Burns and Scalds.** Cover with cooking soda and lay wet cloths over it. Whites of eggs and olive oil. Olive oil or linseed oil, plain, or mixed with chalk or whiting. Sweet or olive oil and lime-water.

**Lightning.** Dash cold water over a person struck.

**Sunstroke.** Loosen clothing. Get patient into shade and apply ice-cold water to head. Keep head in elevated position.

**Mad Dog or Snake Bite.** Tie cord tight above wound. Suck the wound and cauterize with caustic or white-hot iron at once, or cut out adjoining parts with a sharp knife. Give stimulants, as whiskey, brandy, etc.

**Stings of Venomous Insects, etc.** Apply weak ammonia, oil, salt water, or iodine.

**Fainting.** Place flat on back; allow fresh air, and sprinkle with water. Place head lower than rest of body.

**Tests of Death.** Hold mirror to mouth. If living, moisture will gather. Push pin into flesh. If dead the hole will remain, if alive it will close up. Place fingers in front of a strong light. If alive, they will appear red; if dead, black or dark. If a person is dead decomposition is almost sure to set in after 72 hours have elapsed. If it does not, then there is room for investigation by the physician.

**Cinders in the Eye.** Roll soft paper up like a lamplighter, and wet the tip to remove. or use a medicine dropper to draw it out. Rub the other eye.

**Fire in One's Clothing.** Don't run—especially not downstairs or out-of-doors. Roll on carpet or wrap in woollen rug or blanket. Keep the head down, so as not to inhale flame.

**Fire from Kerosene.** Don't use water, it will spread the flames. Dirt, sand, or flour is the best extinguisher, or smother with woollen rug, table-cloth, or carpet.

**Suffocation from Inhaling Illuminating Gas.** Get into the fresh air as soon as possible and lie down. Keep warm. Take ammonia—twenty drops to a tumbler of water at frequent intervals; also, two to four drops tincture of nux vomica every hour or two for five or six hours.

## Antidotes for Poisons.

**First.** Send for a physician.

**Second.** INDUCE VOMITING, by tickling throat with feather or finger. Drink hot water or strong mustard and water. Swallow sweet oil or whites of eggs.

*Acids are antidotes for alkalis, and vice versa.*

### SPECIAL POISONS AND ANTIDOTES.

**Acids, muriatic, oxalic, acetic, sulphuric (oil of vitriol), nitric (aqua-fortis).** *Soap-suds, magnesia, lime-water.*

**Prussic acid.** *Ammonia in water. Dash water in face.*

**Carbolic acid.** *Flour and water, mucilaginous drinks.*

**Alkalis.** Such as potash, lye, hartshorn, ammonia. *Vinegar or lemon juice in water.*

**Arsenic, rat poison, paris green.** *Milk, raw eggs, sweet oil, lime-water, flour and water.*

**Bug poison, lead, saltpetre, corrosive sublimate, sugar of lead, blue vitriol.** *Whites of eggs or milk in large doses.*

**Chloroform, chloral, ether.** *Dash cold water on head and chest. Artificial respiration. Piece of ice in rectum.* No chemical antidote.

**Carbonate of soda, copperas, cobalt.** *Soap-suds and mucilaginous drinks.*

**Iodine, antimony, tartar emetic.** *Starch and water. Astringent infusions. Strong tea tannin.*

**Mercury and its salts.** *Whites of eggs, milk, mucilages.*

**Nitrate of silver, lunar caustic.** *Salt and water.*

**Opium, morphine, laudanum, pargoric, soothing powders, or syrups.** *Strong coffee, hot bath. Keep awake and moving at any cost.*

**Strychnine, tincture of nux vomica.** *Mustard and water, sulphate of zinc. Absolute quiet. Plug the ears.*

## Rules in Case of Fire.

**CRAWL** on the floor. The clearest air is the lowest in the room. Cover head with woollen wrap, wet if possible. Cut holes for the eyes. *Don't get excited.*

Ex-Chief Hugh Bonner, of the New York Fire Department, gives the following rules applying to houses, flats, hotels, etc.:

Familiarize yourself with the location of hall windows and natural escapes. Learn the location of exits to roofs of adjoining buildings. Learn the position of all stairways, particularly the top landing and scuttle to the roof. Should you hear cry of "fire," and columns of smoke fill the rooms, above all KEEP COOL. Keep the doors of rooms shut. Open windows from the top. Wet a towel, stuff it in the mouth, breathe through it instead of nose, so as not to inhale smoke. Stand at window and get benefit of outside air. If room fills with smoke keep close to floor and crawl along by the wall to the window.

Do not jump unless the blaze behind is scorching you. Do not even then if the firemen with scaling ladders are coming up the building or are near. Never go to the roof, unless as a last resort and you know there is escape from it to adjoining buildings. In big buildings fire always goes to the top. Do not jump through flame within a building without first covering the head with a blanket or heavy clothing and gauging the distance. Don't get excited; try to recall the means of exit and if any firemen are in sight DON'T JUMP.

If the doors of each apartment, especially in the lower part of the house, were closed every night before the occupants retired there would not be such a rapid spread of flames.

## Marriage and Divorce Laws.

(Revised to December 1, 1899.)

**Marriage Licenses.**—Required in all the States and Territories except New Mexico, New Jersey, New York, North Dakota, Oklahoma, and South Carolina; required in the District of Columbia.

**Marriage, Prohibition of.**—Marriages between whites and persons of negro descent are prohibited and punishable in Alabama, Arizona, Arkansas, California, Colorado, Delaware, District of Columbia, Florida, Georgia, Idaho, Indiana, Kentucky, Maryland, Mississippi, Missouri, Nebraska, Nevada, North Carolina, Oklahoma, Oregon, South Carolina, Tennessee, Texas, Utah, Virginia, and West Virginia; but are "valid and effectual in law for all purposes" in Michigan.

Marriages between whites and Indians are void in Arizona, Nevada, North Carolina, Oregon, and South Carolina.

Marriages between whites and Chinese are void in Arizona, Nevada, Oregon, and Utah.

Marriage between first cousins is forbidden in Arizona, Arkansas, Illinois, Indiana, Kansas, Missouri, Montana, Nevada, New Hampshire, North Dakota, Ohio, Oklahoma, Oregon, South Dakota, Washington, and Wyoming, and in some of them is declared incestuous and void, and marriage with step-relatives is forbidden in all the States except California, Colorado, Florida, Georgia, Idaho, Louisiana, Minnesota, Nebraska, New Mexico, New York, North Carolina, Oregon, Utah, and Wisconsin.

Connecticut prohibits the marriage of an epileptic, imbecile, or feeble-minded woman under 45 years of age, or cohabitation by any male of this description with a woman under 45 years of age.

**Marriage, Age to Contract, Without Consent of Parents.**—In all the States which have laws on this subject 21 years is the age for males; and for females 21 years in Connecticut, Florida, Illinois, Kentucky, Louisiana, Ohio, Pennsylvania, Rhode Island, South Dakota, Virginia, West Virginia, and Wyoming, and 18 in all the other States having laws, except Maryland, in which it is 16 years.

**Marriages, Voidable.**—Marriages are voidable in nearly all the States when contracted under the age of consent to cohabit.

**Divorce, Previous Residence Required.**—*Six months* in Idaho, Nebraska, Nevada, South Dakota, Texas, and Wyoming; *one year* in Alabama, Alaska, Arizona, Arkansas, California, Colorado, Georgia, Illinois, Indian Territory, Iowa, Kansas, Kentucky, Maine, Michigan, Minnesota, Mississippi, Missouri, Montana, New Hampshire, New Mexico, New York, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, Utah, Virginia, West Virginia, Washington, and Wisconsin; *two years* in Florida, Indiana, Maryland, North Carolina, Tennessee, and Vermont; *three years* in Connecticut, New Jersey, and Massachusetts (if when married both parties were residents; otherwise five years); no statutory provision in Delaware and Louisiana.

**Divorce, Absolute, Causes for.**—The violation of the marriage vow is cause for absolute divorce in all the States and Territories, except South Carolina, which has no divorce laws.

Physical incapacity is a cause in all the States except California, Connecticut, Idaho, Iowa, Louisiana, New Mexico, New York, South Carolina, Texas, and Vermont. In most of these States it renders marriage voidable.

Willful desertion, *six months* in Arizona; *one year* in Arkansas, California, Colorado, Florida, Idaho, Kansas, Kentucky, Minnesota, Missouri, Montana, Nevada, North Carolina, North Dakota, Oklahoma, Oregon, South Dakota, Utah, Wisconsin, Washington, and Wyoming; *two years* in Alabama, District of Columbia, Illinois, Indiana, Iowa, Michigan, Mississippi, Nebraska, New Jersey, Pennsylvania, and Tennessee; *three years* in Connecticut, Delaware, Georgia, Maine, Maryland, Massachusetts, New Hampshire, Ohio, Texas, Vermont, and West Virginia; *five years* in Louisiana, Virginia, and Rhode Island, though the court may in the latter State decree a divorce for a shorter period. Both parties living apart without cohabitation, five years, in Kentucky; ten years, Rhode Island.

Habitual drunkenness, in all the States and Territories, except Illinois, Maryland, New Jersey, New York, Pennsylvania, South Carolina, South Dakota, Texas, Vermont, and Virginia. "Intoxication from the use of intoxicating liquors, opium, or other drugs," in Maine.

"Imprisonment for felony," or "conviction for felony," in all the States and Territories (with limitations), except Florida, Maryland, New Jersey, New Mexico, New York, and South Carolina.

"Cruel and abusive treatment," "intolerable cruelty," "extreme cruelty," "repeated cruelty," or "inhuman treatment," in all the States, except Maryland, Michigan, New York, South Carolina, Tennessee, Virginia, and West Virginia.

Failure by the husband to provide, *six months* in Arizona; *one year* in California, Colorado, Idaho, Nevada, and Wyoming; *two years* in Indiana, three years in Delaware; no time specified in Maine, Massachusetts, Michigan, Nebraska, New Mexico, Rhode Island, Utah, Vermont, Washington, and Wisconsin.

Fraud and fraudulent contract, in Connecticut, Delaware, Georgia, Kansas, Kentucky, Ohio, Pennsylvania, Vermont, and Washington.

Absence without being heard from, three years in New Hampshire and Ohio; seven years in Connecticut and Vermont; voluntary separation, five years, in Wisconsin. When reasonably presumed dead by the court, in Rhode Island.

"Ungovernable temper" in Kentucky; "habitual indulgence in violent and ungovernable temper," in Florida; "cruel treatment outrages, or excesses as to render their living together insupportable," in Arkansas, Kentucky, Louisiana, Missouri, Tennessee, and Texas; "indignities as render life burdensome," in Missouri, Oregon, Pennsylvania, Tennessee, Washington, and Wyoming. Attempt to murder the other party, in Illinois, Louisiana, and Tennessee.

Insanity or idiocy at time of marriage, in Arkansas, Colorado, District of Columbia, Georgia, Iowa, and Mississippi; insanity lasting ten years, in Washington; incurable insanity and two years' confinement in an asylum in North Dakota; insanity and six years' confinement in an asylum, on six years' residence in Idaho.

Other causes in different States are as follows: "Husband notoriously immoral before marriage, unknown to wife," in West Virginia; "fugitive from justice," in Virginia; "gross misbehavior or wickedness," in Rhode Island; "any gross neglect of duty," in Kansas and Ohio; "refusal of wife to remove into the State," Tennessee; "mental incapacity at time of marriage," in Georgia; "three years with any religious society that believes the marriage relation unlawful," in Massachusetts; "joining any religious sect that believes marriage unlawful, and refusing to cohabit six months," in New Hampshire; "parties cannot live in peace and union," in Utah; "vagrancy of the husband," in Missouri and Wyoming; "refusal of wife to cohabit for twelve months," in North Carolina; "excesses," in Texas; "where wife by cruel and barbarous treatment renders condition of husband intolerable," in Pennsylvania.

In Georgia an absolute divorce is granted only after the concurrent verdict of two juries, at different terms of the court. In New York absolute divorce is granted for but one cause, adultery.

Collusion and connivance bar a divorce, also any condonation of a violation of the marriage vow.

## Statistics of Crime and Pauperism.

(Compiled from United States Census Bulletin, 352.)

| ELEMENTS.                        | Prisoners in the U. S. in 1890,<br>with Nativity and Parentage. |        |        | Paupers* in the U. S. in 1890,<br>with Nativity and Parentage. |        |        |
|----------------------------------|---|--------|--------|--|--------|--------|
|                                  | Aggre-<br>gate.   | Men.   | Women. | Aggre-<br>gate.  | Men.   | Women. |
| The United States.....           | 82,329  | 75,924 | 6,405  | 73,045   | 40,741 | 32,304 |
| White.....                       | 57,310  | 52,894 | 4,416  | 66,578   | 37,387 | 29,191 |
| Native.....                      | 40,471  | 38,156 | 2,315  | 36,656   | 19,375 | 17,281 |
| Both parents native.....         | 21,037  | 20,101 | 936    | 21,519   | 11,123 | 10,336 |
| One parent foreign.....          | 2,881   | 2,729  | 152    | 949  | 538    | 411    |
| Both parents foreign.....        | 12,601  | 11,766 | 835    | 3,580  | 2,176  | 1,404  |
| One or both parents unknown..... | 3,952   | 3,560  | 392    | 10,608   | 5,538  | 5,070  |
| Foreign born.....                | 15,832  | 13,869 | 2,063  | 27,648   | 16,363 | 10,710 |
| Birthplace unknown.....          | 907   | 869    | 38     | 2,274  | 1,074  | 1,200  |
| Colored.....                     | 25,019  | 23,030 | 1,989  | 6,467  | 3,354  | 3,113  |
| Negroes.....                     | 24,277  | 22,305 | 1,972  | 6,418  | 3,326  | 3,092  |
| Chinese.....                     | 407   | 406    | 1      | 13   | 12     | 1      |
| Japanese.....                    | 13  | 12     | 1      | ...  | ...    | ...    |
| Indians.....                     | 322   | 307    | 15     | 36   | 16     | 20     |

\* Statistics of pauperism apply only to inmates of almshouses. Outdoor paupers are not considered and there is no way of ascertaining their number in the United States, but it is comparatively small compared with that of European countries.

Of the 114,620 parents of the white prisoners 45,732 were native, 60,153 were foreign born, and the birthplaces of 8,735 were reported as unknown. Omitting the unknown, the percentage of prisoners of the native element was 43.19 and of the foreign element 56.81.

As to nationalities of the 60,153 foreign parents of American prisoners 29,184 were Irish, 9,987 German, 5,997 English, 4,064 English Canadian, 1,996 Scotch, 1,483 Mexican, 1,209 Italian, and 1,036 French. Other nationalities were below 1,000.

Of the 133,156 parents of the white paupers 45,215 were native, 63,587 were foreign born, and 24,354 unknown as to birthplace. Omitting the unknown, as in the case of prisoners, 41.56 per cent of the paupers were of native and 58.44 per cent of foreign extraction.

As to nationalities of 63,587 foreign parents of American paupers 32,421 were Irish, 15,629 German, 4,688 English, 2,012 English Canadians, 1,392 Scotch, and 1,368 Swedish. Other nationalities were below 1,000.

### PAUPERISM IN FOREIGN COUNTRIES.

1890. Registered public paupers in England and Wales, 780,451; Ireland, 107,129; France, 290,000; Germany, 320,000; Russia, 350,000; Austria, 290,000; Italy, 270,000.

### HOMICIDE IN THE UNITED STATES.

The census bulletin presenting statistics of homicide in the United States in 1890 was prepared by Frederick H. Wines, special agent on pauperism and crime. The following is the summing up of the results of his investigations:

Of 82,329 prisoners in the United States June 1, 1890, the number charged with homicide was 7,386, or 8.97 per cent.

Omitting 35 who were charged with double crimes, 6,958 of them (or 94.65 per cent) were men, and 393 (or 5.35 per cent) were women.

As to color, 4,425 were white, 2,739 negroes, 94 Chinese, 1 Japanese, and 92 Indians.

As to the nativity of the 4,425 whites, 3,157 were born in the United States, 1,213 were foreign born, and the birthplace of 55 is unknown.

A careful and accurate inquiry into the parentage of those born in the United States results in the mathematical conclusion that 56.14 per cent of homicides committed by white men and women is chargeable to the native white element of the population, and 43.86 per cent to the foreign element. On the same scale of 4,614 to 3,605, the negro contribution to homicide is represented by 5.478.

The percentage of those who can both read and write is 61.73; of those who can read only, 4.84; of those who can do neither, 33.43. Of the negroes, more than one-half can neither read nor write; of the Indians, nearly two-thirds. The percentage of illiteracy among the foreign born is nearly or quite three times as great as that among the native whites.

The number who have received a higher education is 253, or 3.44 per cent.

The number employed at the time of their arrest was 5,659; unemployed, 1,225; unknown, 467.

The habits of 973, in respect of use of intoxicating liquors, are not stated. The remaining 6,378 are classed as follows: Total abstainers, 1,282; occasional or moderate drinkers, 3,829; drunkards, 1,267.

As to their physical condition, 6,149 were in good health, 600 ill, 283 insane, 24 blind, 14 deaf and dumb, 18 idiots, and 263 crippled.

According to the Chicago *Tribune* there were 7,840 homicides in 1898, as against 9,520 in 1897, and 10,652 in 1896.

### CAPITAL PUNISHMENT.

The States in which the death penalty is forbidden by law are Colorado, Rhode Island, Maine, Michigan, and Wisconsin. It was abolished in Iowa, but afterward restored. In Rhode Island the only alternative is imprisonment for life. In Kansas the signature of the Governor is necessary to an execution. The death penalty is inflicted in all the States for murder, except the five above named; and in addition, in Louisiana, for rape, assault with intent to kill, administering poison, arson, and burglary; in Delaware and North Carolina, for rape, arson, and burglary; in Alabama, for rape, arson, robbery, treason, immoral relations with female under ten years of age, or married woman by falsely personating her husband; in Georgia, for rape, mayhem, and arson; in Missouri, for perjury and rape; in Virginia, West Virginia, South Carolina, and Mississippi, for rape and arson; in Florida, Kentucky, Tennessee, Texas, and Arkansas, for rape; in Montana, for arson of dwelling by night; in Maryland, for any variety of arson. In some of these instances the court may, in its discretion, substitute imprisonment. States in which the judge may substitute life imprisonment for the death penalty on the recommendation of the jury are: Alabama, Arizona, California, South Dakota, Georgia, Illinois, Indiana, Iowa, Kentucky, Mississippi, Nebraska, Ohio, Oklahoma, and South Carolina, and those in which a like discretion is given to the trial court are: Minnesota, New Mexico, North Dakota, and Texas. In Utah the court may exercise the discretion if the jury so recommends. In New York and Ohio the death penalty is now inflicted by the means of electricity.



## Suicides.

In European cities the number of suicides per 100,000 inhabitants is as follows: Paris, 42; Lyons, 29; St. Petersburg, 7; Moscow, 11; Berlin, 36; Vienna, 28; London, 23; Rome, 8; Milan, 6; Madrid, 3; Genoa, 31; Brussels, 15; Amsterdam, 14; Lisbon, 2; Christiania, 25; Stockholm, 27; Constantinople, 12; Geneva, 11; Dresden, 51. Madrid and Lisbon show the lowest, Dresden the highest figure.

The average annual suicide rate in countries of the world per 100,000 persons living is given by Barker as follows: Saxony, 31.1; Denmark, 25.8; Schleswig-Holstein, 24.0; Austria, 21.2; Switzerland, 20.2; France, 15.7; German Empire, 14.3; Hanover, 14.0; Queensland, 13.5; Prussia, 13.3; Victoria, 11.5; New South Wales, 9.3; Bavaria, 9.1; New Zealand, 9.0; South Australia, 8.9; Sweden, 8.1; Norway, 7.5; Belgium, 6.9; England and Wales, 6.9; Tasmania, 5.3; Hungary, 5.2; Scotland, 4.0; Italy, 3.7; Netherlands, 3.6; United States, 3.5; Russia, 2.9; Ireland, 1.7; Spain, 1.4.

The causes of suicide in European countries are reported as follows: Of 100 suicides: Madness, delirium, 18 per cent; alcoholism, 11; vice, crime, 19; different diseases, 2; moral sufferings, 6; family matters, 4; poverty, want, 4; loss of intellect, 14; consequence of crimes, 3; unknown reasons, 19.

The number of suicides in the United States, six years, 1882-87, was 8,226. Insanity was the principal cause, shooting the favorite method; 5,386 acts of suicide were committed in the day, and 2,419 in the night. Summer was the favorite season, June the favorite month, and the 11th the favorite day of the month. The month in which the largest number of suicides occur is July.

The number of suicides in 45 United States cities in the decade 1889-1898 was 16,409. In the principal cities the number was: New York, 3,319; Chicago, 2,937; Brooklyn, 1,359; St. Louis, 1,269; Philadelphia, 1,165; Boston, 693. The highest rate per 100,000 of population was St. Louis, 25.6, and the lowest Holyoke, Mass., 3.3. These figures are by Frederick L. Hoffman, in the *New York Spectator* for June 15, 1899.

## Lynchings, Legal Executions, and Embezzlements.

**Lynchings.**—1891, 192; 1892, 235; 1893, 200; 1894, 190; 1895, 171; 1896, 131; 1897, 166; 1898, 127. Total, 1,412.

The lynchings in 1898 were distributed as follows: Arkansas, 17; South Carolina, 14; Georgia, 12; Missouri, 6; Kentucky, 6; Louisiana, 6; Texas, 3; Maryland, 2; Oklahoma, 1; Washington, 1; Wyoming, 3; Illinois, 1; Indiana, 1; Mississippi, 15; Indian Territory, 3; New Mexico, 1; Alabama, 12; North Carolina, 4; Tennessee, 6; Virginia, 4; West Virginia, 1; Florida, 1; Alaska, 1; Kansas, 1; Montana, 1. Of the total number 102 were negroes, 23 whites and 2 Indians. Up to September 11 there were 92 persons lynched in the United States in 1899.

**Legal Executions.**—The number of legal executions in 1898 was 109, as compared with 128 in 1897, 122 in 1896, 132 in 1895, 132 in 1894, 126 in 1893, and 107 in 1892. The legal executions in 1898 were distributed as follows: Louisiana 10; Arkansas, 6; Alabama 3; Mississippi, 6; Tennessee, 2; Missouri 5; Florida, 1; Maryland, 1; Massachusetts, 3; Oregon, 2; Minnesota, 2; Connecticut, 1; Ohio, 2; Georgia, 8; Virginia, 8; South Carolina, 4; Texas, 10; North Carolina, 2; Indian Territory, 2; Kentucky 3; California, 10; New York, 3; Illinois, 6; Washington, 1; Pennsylvania, 7; New Jersey, 1. There were 72 hanged in the South and 37 in the North, of whom 60 were whites, 48 blacks, and 1 Chinese. The crimes for which they were executed were murder, 100 and assault, 9.

**Embezzlements.**—The record of embezzling, forgery, defaulting, and bank-wreckage for 1898 showed a material decrease, being but \$5,851,263, as compared with \$11,248,084 in 1897 and being much the smallest total since 1888. Of the total number of cases reported, nine persons stole over \$50,000 each, nine over \$100,000 each, one over \$200,000, one over \$300,000, one over \$400,000, and two over \$500,000 each. Stolen by city and county officials, \$976,846, from banks \$2,901,891; by agents, \$510,595; forgeries, \$324,260; from loan associations, \$349,800; by postmasters, \$21,143; miscellaneous stealings, \$1,066,788.

These statistics were compiled by the *Chicago Tribune*.

## The Defective Classes.

**The Insane.**—The total number of insane in the United States on June 1, 1890 (census of the United States), was 106,485—whites, 99,719; negroes, 6,535; Chinese, Japanese, and civilized Indians, 231. The number of insane males was 53,473, and of insane females 53,012. The total number of insane reported in 1880 was 91,959. The number of insane in each 100,000 of the population in 1890 was 337.0 for the foreign whites, 140.5 for the native whites and 88.6 for the colored. In 1880 the corresponding figures were 398.8, 161.9, and 91.2.

The proportion of insanity was much greater among the whites than among the negroes, and very much greater among the foreign born than among the native born.

The number of insane in asylums in 1890 was 74,028—whites, 69,729; negroes, 4,299. The number of insane in asylums in each 1,000 of insane was: Whites, 699; negroes, 658.

The number of insane admitted to public institutions from 1881 to 1889 inclusive, was 190,458. The number admitted to private institutions in the same period, 13,833.

Reports from thirty States to the Committee on States of the National Conference of Charities and Correction showed 102,000 insane persons in 1896. At this rate the whole United States would have 145,000 insane.

**The Feeble Minded.**—The total number of feeble minded in the United States on June 1, 1890, was 95,609—whites, 84,997; negroes, 10,574; males, 62,962; females 42,647; native-born whites, 75,910; foreign-born whites, 9,087.

**The Deaf and Dumb.**—The total number of deaf mutes in the United States on June 1, 1890, was 40,592—whites, 37,447; negroes, 3,115, others 30, males 22,429; females, 18,163; native-born whites, 33,278; foreign-born whites, 4,169.

The number of persons so deaf as to be unable to hear loud conversation on June 1, 1890, was 121,178, of whom 89,611 were able to speak. The latter were 49,278 males, 31,338 females, 77,308 whites, 3,308 negroes.

**The Blind.**—The total number of blind in the United States on June 1, 1890, was 50,568—whites, 43,351; negroes, 7,060; others, 157; males, 28,080; females, 22,488; native-born whites, 34,205; foreign-born whites, 9,146. The number of blind in one eye only was 93,985.

The number of insane persons in Great Britain and Ireland in 1895, according to Mulhall, was 123,396, or 3,160 per million population; Austria (1890), 102,080; Hungary (1890) 65,545. The number of insane in Germany in 1884 was 103,100; France, 93,900; Russia, 80,000.

## Prisoners' Commutation Table.

THE following table shows the time subtracted for uniformly good conduct from the terms to which prisoners are sentenced under the regulations in force in the State prisons of New York:

| SENTENCE. | COMMUTATION. |         |       | REMAINING SHORT TERM. |         |       | SENTENCE. | COMMUTATION. |         |       | REMAINING SHORT TERM. |         |       |
|-----------|--------------|---------|-------|-----------------------|---------|-------|-----------|--------------|---------|-------|-----------------------|---------|-------|
|           | Years.       | Months. | Days. | Years.                | Months. | Days. |           | Years.       | Months. | Days. | Years.                | Months. | Days. |
| Years.    |              |         |       |                       |         |       | Years.    |              |         |       |                       |         |       |
| 1 .....   | ..           | 2       | ..    | ..                    | 10      | ..    | 11 .....  | 3            | 11      | ..    | 7                     | 1       | ..    |
| 1½ .....  | ..           | 3       | ..    | 1                     | 3       | ..    | 11½ ..... | 4            | 1       | 15    | 7                     | 4       | 15    |
| 2 .....   | ..           | 4       | ..    | 1                     | 8       | ..    | 12 .....  | 4            | 4       | ..    | 7                     | 8       | ..    |
| 2½ .....  | ..           | 6       | ..    | 2                     | ..      | ..    | 12½ ..... | 4            | 6       | 15    | 7                     | 11      | 15    |
| 3 .....   | ..           | 8       | ..    | 2                     | 4       | ..    | 13 .....  | 4            | 9       | ..    | 8                     | 3       | ..    |
| 3½ .....  | ..           | 10      | ..    | 2                     | 8       | ..    | 13½ ..... | 4            | 11      | 15    | 8                     | 6       | 15    |
| 4 .....   | 1            | ..      | ..    | 3                     | ..      | ..    | 14 .....  | 5            | 2       | ..    | 8                     | 10      | ..    |
| 4½ .....  | 1            | 2       | 15    | 3                     | 3       | 15    | 14½ ..... | 5            | 4       | 15    | 9                     | 1       | 15    |
| 5 .....   | 1            | 5       | ..    | 3                     | 7       | ..    | 15 .....  | 5            | 7       | ..    | 9                     | 5       | ..    |
| 5½ .....  | 1            | 7       | 15    | 3                     | 10      | 15    | 15½ ..... | 5            | 9       | 15    | 9                     | 8       | 15    |
| 6 .....   | 1            | 10      | ..    | 4                     | 2       | ..    | 16 .....  | 6            | ..      | ..    | 10                    | ..      | ..    |
| 6½ .....  | 2            | ..      | 15    | 4                     | 5       | 15    | 16½ ..... | 6            | 2       | 15    | 10                    | 3       | 15    |
| 7 .....   | 2            | 3       | ..    | 4                     | 9       | ..    | 17 .....  | 6            | 5       | ..    | 10                    | 7       | ..    |
| 7½ .....  | 2            | 5       | 15    | 5                     | ..      | 15    | 17½ ..... | 6            | 7       | 15    | 10                    | 10      | 15    |
| 8 .....   | 2            | 8       | ..    | 5                     | 4       | ..    | 18 .....  | 6            | 10      | ..    | 11                    | 2       | ..    |
| 8½ .....  | 2            | 10      | 15    | 5                     | 7       | 15    | 18½ ..... | 7            | ..      | 15    | 11                    | 5       | 15    |
| 9 .....   | 3            | 1       | ..    | 5                     | 11      | ..    | 19 .....  | 7            | 3       | ..    | 11                    | 9       | ..    |
| 9½ .....  | 3            | 3       | 15    | 6                     | 2       | 15    | 19½ ..... | 7            | 5       | 15    | 12                    | ..      | 15    |
| 10 .....  | 3            | 6       | ..    | 6                     | 6       | ..    | 20 .....  | 7            | 8       | ..    | 12                    | 4       | ..    |
| 10½ ..... | 3            | 8       | 15    | 6                     | 9       | 15    | 20½ ..... | 11           | 10      | ..    | 18                    | 2       | ..    |

## Birth Rate in European Countries.

BIRTHS PER 1,000 INHABITANTS.

| COUNTRIES.    | 1865. | 1885. | 1896. | COUNTRIES.    | 1865. | 1885. | 1896. | COUNTRIES.    | 1865. | 1885. | 1896. |
|---------------|-------|-------|-------|---------------|-------|-------|-------|---------------|-------|-------|-------|
| Austria ..... | 87.7  | 38.3  | 39.0  | France .....  | 26.3  | 24.7  | 22.7  | Norway .....  | 31.7  | 30.9  | 30.0  |
| Bavaria ..... | 36.9  | 38.7  | ..    | Hungary ..... | 40.6  | 45.0  | 41.1  | Prussia ..... | 39.1  | 37.2  | 37.3  |
| Belgium ..... | 31.4  | 31.0  | 29.0  | Italy .....   | 38.3  | 37.8  | 35.1  | Sweden .....  | 26.2  | 39.4  | 27.5  |
| England ..... | 35.4  | 33.3  | 29.9  | Netherlands.. | 35.9  | 34.8  | 32.0  | Switzerland.. | 31.7  | 28.2  | 30.7  |

The statistics for 1865 are from M. de Foville's work, "France Economique." Those for 1885 and 1896 from Mulhall. The most important fact to be learned from them is the steady decrease of the birth rate in most European nations.

In "Statistique Humaine de la France," M. J. Bertillon presents the following table showing that the French are the least prolific and the Germans the most prolific people of Europe:

Number of children born alive annually per 1,000 women of 15 to 50 years: France, 102; Ireland, 114; Belgium, 127; England, 136; Netherlands, 137; Spain, 141; Prussia, 150; Bavaria, 156.

The most productive age for mothers is 15 to 24, for fathers from 23 to 31. Of 100 mothers, 48 of the said age will have children yearly; of 100 fathers, only 34. The reproductive age of men may be said to cease at 60, although at 65 the chance of paternity is 3 in 1,000, at 69 is 2 in 1,000.—*Mulhall.*

The birth rate per 1,000 inhabitants in the United States, in 1890, was estimated by Dr. Billings, of the Census Office, as about 31.5.

As to the decreasing birth rate, Dr. Billings says: "It is probable that the most important factor in the change is the deliberate and voluntary avoidance or prevention of child bearing on the part of a steadily increasing number of married people, who not only prefer to have but few children, but know how to obtain their wish." Dr. Cyrus M. Edson agrees with Dr. Billings as to the fact of the deliberate avoidance of child bearing, but thinks that the principal cause is the physical and nervous deterioration of the women of the United States, and this, he asserts, is largely due to the severe strain of modern life and education.

**BARRENNESS.**—One woman in 20 and one man in 30 are barren—that is, 4 per cent of population. It is found that one marriage in 20 is barren, say 5 per cent. Among the nobility of England 21 per cent have no children, owing to intermarriage of cousins, no less than 4½ per cent of the present nobility being married to cousins.—*Mulhall.*

Dr. S. D. Van Meter, of Denver, doubts the accuracy of the theory that consanguinity in marriage is a cause of barrenness, and attributes it to a physical cause.

**CHILD BIRTH, DEATHS IN.**—The average for 20 years in England and Wales has been 32 per 10,000 births—that is, 1½ per cent of all mothers die sooner or later in childbirth.—*Mulhall.*

**ILLEGITIMACY.**—The number of illegitimate births per 10,000 women in 1896 was: England, 50; Scotland, 87; Ireland, 24; France, 79; Germany, 75; Austria, 239; Hungary, 151; Italy, 98; Switzerland, 53; Sweden, 125; Norway, 92; Denmark, 133; Netherlands, 42; Belgium, 111.—*Mulhall.*

## American Public Health Association.

OFFICERS elected at the annual meeting at Minneapolis, in 1899: *President*, Dr. Peter H. Bryce, Toronto, Ontario; *First Vice-President*, Dr. H. M. Bracken, Minneapolis, Minn.; *Second Vice-President*, Dr. Juan Breaña, Zacatecas, Mexico; *Treasurer*, Dr. Henry D. Holton, Brattleboro, Vt.; *Secretary*, Dr. C. O. Probst, Columbus, O.

## Mortality Statistics.

DEATHS IN THE UNITED STATES IN THE CENSUS YEAR 1889-90.

(Prepared for THE WORLD ALMANAC by the Census Office.)

| STATES AND TERRITORIES. | Total Deaths. | WHITE.*      |               | Colored. | UNDER FIVE YEARS OF AGE |          | STATES AND TERRITORIES. | Total Deaths. | WHITE.*      |               | Colored. | UNDER FIVE YEARS OF AGE. |          |
|-------------------------|---------------|--------------|---------------|----------|-------------------------|----------|-------------------------|---------------|--------------|---------------|----------|--------------------------|----------|
|                         |               | Native Born. | Foreign Born. |          | White.                  | Colored. |                         |               | Native Born. | Foreign Born. |          | White.                   | Colored. |
| Alabama                 | 20,898        | 9,215        | 320           | 10,561   | 3,880                   | 3,847    | Nevada                  | 494           | 217          | 181           | 20       | 69                       | 3        |
| Arizona                 | 573           | 301          | 169           | 30       | 130                     | 3        | N. Hamp.                | 7,074         | 5,704        | 849           | 17       | 1,809                    | 3        |
| Arkansas                | 14,891        | 10,089       | 274           | 3,627    | 3,874                   | 1,168    | N. Jersey               | 30,344        | 22,227       | 6,330         | 1,344    | 11,829                   | 642      |
| California              | 17,703        | 10,605       | 5,266         | 1,281    | 4,234                   | 119      | N. Mexico               | 2,522         | 2,294        | 167           | 29       | 1,014                    | 4        |
| Colorado                | 5,453         | 3,929        | 921           | 86       | 1,875                   | 32       | New York                | 123,117       | 85,562       | 33,148        | 1,903    | 43,580                   | 715      |
| Conn'tic't              | 14,470        | 10,733       | 3,182         | 309      | 4,188                   | 106      | N. Carolina             | 13,420        | 10,836       | 69            | 7,234    | 4,021                    | 2,680    |
| Delaware                | 3,107         | 2,035        | 241           | 635      | 805                     | 262      | N. Dakota               | 1,716         | 1,067        | 593           | 4        | 763                      | 1        |
| D. of Col.              | 5,955         | 2,512        | 522           | 2,998    | 1,054                   | 1,437    | Ohio                    | 49,844        | 38,494       | 8,151         | 2,000    | 15,895                   | 655      |
| Florida                 | 4,145         | 2,108        | 176           | 1,806    | 726                     | 642      | Oklahoma                | 352           | 302          | 15            | 30       | 133                      | 6        |
| Georgia                 | 21,174        | 9,556        | 269           | 10,971   | 3,667                   | 4,321    | Oregon                  | 2,575         | 1,959        | 356           | 38       | 636                      | 5        |
| Idaho                   | 711           | 522          | 105           | 84       | 246                     | 2        | Penn'va'ia              | 73,530        | 58,401       | 12,648        | 2,393    | 24,824                   | 932      |
| Illinois                | 53,123        | 39,336       | 11,650        | 1,031    | 20,795                  | 340      | Rhode Is'd              | 7,559         | 5,344        | 1,939         | 34       | 2,627                    | 73       |
| Indiana                 | 24,180        | 20,505       | 2,185         | 862      | 7,317                   | 298      | S. Carolina             | 15,495        | 4,730        | 178           | 10,443   | 1,767                    | 3,786    |
| Iowa                    | 17,521        | 13,381       | 3,221         | 162      | 5,187                   | 54       | S. Dakota               | 3,705         | 1,869        | 753           | 11       | 1,001                    | 3        |
| Kansas                  | 12,018        | 9,593        | 1,321         | 701      | 4,278                   | 248      | Tennessee               | 23,854        | 15,229       | 428           | 7,573    | 5,863                    | 2,754    |
| Kentucky                | 23,877        | 17,446       | 1,177         | 4,479    | 6,789                   | 1,572    | Texas                   | 26,478        | 18,066       | 1,841         | 5,190    | 7,942                    | 1,938    |
| Louisiana               | 16,854        | 6,953        | 1,494         | 7,716    | 3,094                   | 2,592    | Utah                    | 2,118         | 1,493        | 574           | 11       | 857                      | 2        |
| Maine                   | 10,044        | 8,590        | 1,164         | 34       | 1,835                   | 8        | Vermont                 | 5,425         | 4,556        | 575           | 13       | 1,154                    | 3        |
| Maryland                | 18,000        | 11,279       | 2,012         | 4,421    | 5,246                   | 1,981    | Virginia                | 23,232        | 11,600       | 400           | 10,819   | 3,987                    | 3,999    |
| Mas'chu'ts              | 45,112        | 32,747       | 11,527        | 630      | 15,109                  | 237      | Wash'tn'                | 2,895         | 1,750        | 512           | 65       | 854                      | 14       |
| Michigan                | 25,016        | 18,117       | 5,748         | 412      | 8,267                   | 127      | West Va.                | 8,275         | 7,293        | 328           | 519      | 2,734                    | 178      |
| Minnesota               | 15,488        | 10,389       | 4,778         | 98       | 6,375                   | 35       | Wisconsin               | 18,662        | 11,508       | 6,493         | 101      | 6,014                    | 244      |
| Mississippi             | 14,899        | 5,834        | 177           | 8,560    | 2,095                   | 2,896    | Wyoming                 | 414           | 258          | 95            | 7        | 127                      | ...      |
| Missouri                | 32,435        | 24,499       | 4,005         | 2,794    | 11,390                  | 1,105    | Totals                  | †872,944      | 596,055      | 140,075       | 114,313  | 264,784                  | 41,911   |
| Montana                 | 1,012         | 625          | 272           | 26       | 258                     | 6        |                         |               |              |               |          |                          |          |
| Nebraska                | 8,445         | 6,591        | 1,451         | 91       | 3,570                   | 33       |                         |               |              |               |          |                          |          |

\* Including birthplace unknown; total number, 22,501. † Exclusive of Indians on reservations.

CAUSES OF DEATHS IN THE UNITED STATES IN THE CENSUS YEAR 1889-90.

| CAUSES.              | Total Deaths. | CAUSES.                            | Total Deaths. |
|----------------------|---------------|------------------------------------|---------------|
| Scarlet Fever        | 5,969         | Diarrhœal Fever                    | 74,711        |
| Measles              | 9,256         | Cancer and Tumor                   | 20,984        |
| Whooping Cough       | 8,432         | Consumption                        | 102,199       |
| Diphtheria and Croup | 41,677        | Pneumonia                          | 76,496        |
| Enteric Fever        | 27,058        | Child Birth and Puerperal Diseases | 11,267        |
| Malarial Fever       | 18,594        |                                    |               |

## CAUSES OF DEATHS IN EUROPEAN COUNTRIES.

APPROXIMATE RATIOS OF VARIOUS DISEASES IN 10,000 DEATHS.

| DISEASES.       | England. | France. | Germany. | Russia. | Italy. | Switzer-land. | Belgium. | Nether-lands. | Scandi-navia. |
|-----------------|----------|---------|----------|---------|--------|---------------|----------|---------------|---------------|
| Apoplexy        | 270      | 400     | 390      | 210     | 360    | 370           | 310      | 280           | 350           |
| Bronchitis      | 1,150    | 310     | 400      | 1,500   | 30     | 600           | 480      | 220           | 620           |
| Cancer          | 235      | ...     | 260      | 150     | 160    | 300           | 140      | 180           | 330           |
| Consumption     | 1,100    | 1,120   | 1,270    | 1,960   | 900    | 1,110         | 1,820    | 950           | 1,020         |
| Diphtheria      | 55       | 360     | 270      | 210     | 360    | 304           | 280      | 180           | 230           |
| Erysipelas      | 36       | 48      | 35       | ...     | 50     | ...           | 40       | ...           | ...           |
| Heart Disease   | 620      | 290     | 230      | 200     | 580    | 335           | 190      | 180           | 220           |
| Measles         | 184      | 180     | 100      | 80      | 95     | 46            | 165      | 150           | ...           |
| Pneumonia       | 510      | 400     | 400      | 1,150   | 540    | 600           | 450      | 570           | 710           |
| Puerperal Fever | 49       | 100     | ...      | 70      | ...    | 50            | ...      | 50            | 100           |
| Rheumatism      | 41       | 35      | 25       | 40      | ...    | ...           | ...      | ...           | 40            |
| Scarlet Fever   | 402      | 20      | 160      | 90      | 10     | 146           | 140      | 40            | 360           |
| Scrofula        | 62       | 130     | ...      | 180     | 30     | ...           | 90       | 140           | 70            |
| Small-pox       | 130      | 80      | 8        | 40      | 60     | 54            | 150      | 100           | 120           |
| Typhoid Fever   | 210      | 720     | 450      | 480     | 240    | 184           | 460      | 460           | 280           |
| Whooping Cough  | 250      | 115     | ...      | ...     | 50     | 112           | 280      | 180           | 185           |

The above table is on the authority of Mulhall, as are also the following statements:

CANCER.—Mental worry, says Dr. Herbert Snow, of the Cancer Hospital, is the chief exciting cause of cancer. In 1891-95 the average number of deaths from cancer in England was 21,194. About 60 per cent were females. GOITRE.—There are 420,000 goitrous people in France and 2 per cent of conscripts are rejected for this cause. LEPROSY.—There are 131,618 lepers in India, 98,982 males and 32,636 females. No other country in the world approaches India in this respect.

PLAGUES.—There were 196 destructive plagues in Europe from 1500 to 1840, but the most terrible recorded was that commonly known as the Black Death, which came from Persia into Europe in 1346. It was preceded by myriads of locusts, which filled the wells and poisoned the water of the countries east of the Caspian Sea. At Bagdad 500,000 people died in 90 days; at Cairo the mortality reached 10,000 in 24 hours. In Europe it lasted four years, and was supposed to have carried off 24,000,000 persons, more than 30,000 towns and villages being depopulated. So late as 1350 ships were met at sea with all on board dead. Among the cities which suffered were: London, 100,000 deaths; Florence, 100,000; Valencia, 100,000; Venice, 70,000; Naples, 60,000; Paris, 50,000; Genoa and Vienna, 40,000 each.

*Synopsis of Game Laws revised to January 1, 1900. Changes are liable to occur.*

NEW YORK.

**Deer.**—Open season in Kings, Queens, Nassau, and Suffolk Counties and Long Island Sound first two Wednesdays and the first two Fridays in November, elsewhere from August 15 to November 15; but absolutely prohibited in Ulster, Greene, Delaware, and Sullivan Counties prior to August 15, 1901. (Venison lawfully killed may be possessed till November 15. If possessed from November 15 to 20, possessor or seller must prove that the killing was done within the lawful periods or out of the State.) Taking deer alive for breeding in State parks permitted at any time anywhere. Only two can be killed or taken alive by anybody each season. Fawns must never be killed or caught. No traps, salt licks, or other devices shall be made or used. No jacklight or any other artificial light shall be used prior to June, 1902. Dogs must not be used for hounding purposes, nor be permitted to run at large in forests where deer inhabit, by owner or persons having charge of same prior to August 15, 1902. This prohibition as to dogs does not apply to Long Island. Dogs while chasing deer in violation of law may be killed by any person. Hounding deer in Dresden and Putnam, Washington County, before 1907 is forbidden. Only one carcass may be transported from county where killed.

**Moose, Elk, Caribou, and Antelope** shall not be hunted, killed, possessed, or sold at any time. Meat of same, however, may be possessed or sold in the season of lawful possession.

**Beaver.**—Must not be caught or killed at any time.

**Black and Gray Squirrels** shall not be killed, except from Sept. 1 to Dec. 15 inclusive; on Long Island and Long Island Sound, open season from Nov. 1 to Dec. 31 inclusive.

**Hares and Rabbits.**—Shall not be killed, nor (except in that portion of Long Island which is embraced in the City of New York) shall they be possessed in Long Island and Long Island Sound, except from Nov. 1 to Dec. 31, both inclusive. Use of ferrets is prohibited. In the counties of Livingston, Wyoming, Erie, Sullivan, Oneida, Orange, Schoharie, Montgomery, Fulton and Hamilton, Albany, Greene, Ulster, and Columbia, hares and rabbits shall not be killed except from Sept. 1 to Dec. 15. The owner of any inclosed or occupied farm lands may, of himself or by any member of his household, kill rabbits and English hares on his own premises at any time.

**Web-footed Wild Fowl.**—Except wild geese and brant. Open season is from September 1 to May 1. Open season in Kings, Queens, Nassau, and Suffolk Counties and Long Island Sound (wild geese and brant not excepted) from October 1 to April 30. On the Hudson River south of the Troy dam, boats propelled by hand or a floating device may be used for the purpose of shooting web-footed fowl. Must not be killed or caught in any way save with gun raised at arm's length, and fired from the shoulder without other rest. Boats propelled by hand and floating devices may be used in Long Island Sound, Great South Bay west of Smith's Point, Shinnecock, Gardiner, and Peconic Bays, and saltboats may be used in Long Island Sound, Gardiner and Peconic Bays in pursuit of wild fowl. Hours limited between sunrise and sunset.

**Quail.**—Open season from November 1 to December 15. Can be sold and possessed from November 1 to December 31, but possession thereof after December 15 is forbidden unless it be proved by the possessor that said birds were killed within the lawful period for killing, or outside the State, and in the counties of Genesee and Montgomery at no time prior to January 1, 1903. These provisions do not apply to Robin's Island or Gardiner's Island.

**Partridge or Grouse and Woodcock.**—Open season in Long Island and Long Island Sound from Nov. 1 to Dec. 31. (Woodcock can be killed from Aug. 1 to Dec. 31.) Nor shall either of such birds be possessed, dead or alive, or sold, after Jan. 5. Possession thereof during the first five days of January is forbidden, unless it be proved by the possessor or seller that said birds were killed within the lawful period for killing the same on Long Island. (Open season for woodcock in Richmond County from July 4 to Dec. 31; in Clinton, Essex, Warren, Fulton and Hamilton Counties, Aug. 15 to Dec. 15. In Rensselaer County woodcock and grouse protected to Sept. 1, 1903.) Open season elsewhere from Sept. 1 to Dec. 15; in Oneida County from Sept. 1 to Nov. 15; in Ulster County from Oct. 1 to Dec. 15. Not more than thirty-six of above-named birds to be killed or taken alive by any person in any open season. Cannot be sold or possessed except from Sept. 1 to Dec. 31, but possession or sale thereof after Dec. 15 is forbidden, unless it is proved that the birds were caught or killed in the lawful period or out of the State. This provision does not apply to Long Island. Transportation (not more than twelve at any one time) allowed only when with owner. No partridge or grouse shall be snared, trapped, or netted. Meadow larks must not be killed, or possessed after they are dead, at any time.

**English Snipe, Plover, Rail, Bay Snipe, or Shore Bird.**—Must not be killed or possessed during May, June, July, and August. Open season in Long Island and Long Island Sound July 1 to Dec. 31. **Meadow Hens.**—Meadow hens, mud hens, gallinule or water chicken, or grebe shall not be killed or possessed from Dec. 31 to Aug. 15 in Long Island and Long Island Sound. **Wild Birds.**—Must never be killed, caught, or possessed, living or dead, nor nests robbed or needlessly destroyed, except English sparrow, crane, hawk, crow, raven, crow-blackbird, common blackbird, or Kingfisher.

**Mongolian Pheasant.**—The killing, exposing for sale, or possession after killing is prohibited. This prohibition does not apply to Suffolk County, where they may be killed from Oct. 1 to Jan. 31.

**Bass, Pickerel, and Pike.**—Open season for black bass and Oswego bass from June 15 to December 31; in Jefferson County, June 10 to December 31; in Lake George and Schroon Lake, August 1 to December 15; in waters of Thousand Islands, June 10 to December 31; in Kings, Queens, Nassau, and Suffolk Counties and Long Island Sound, May 30 to December 31; in Jamaica Bay angling is lawful every day. Pickerel, pike, or wall-eyed pike may be caught and possessed between May 1 and last day of February. Warren County (Lake George).—Fish of any kind must not be taken from East Brook and West Brook tributaries, in town of Caldwell, Harris or Edmund Brook, Indian Brook, and Finkle Brook, in the town of Bolton, at any time prior to year 1903. No person shall fish in any manner in Lake George or Glen Lake or tributaries for any pike-perch or any great northern pike between January 1 and June 15, or bullheads between January 1 and July 1; nor black bass or Oswego bass from any of the waters in the town of Horicon between January 1 and July 10. Perch may be caught by angling in Lake George at any time. Black bass must be ten inches long, not more than twenty-four to be taken by any person in one day, and in waters of Thousand Islands not more than twelve must be caught by a single person in one day.

**Salt-water Striped Bass** less than eight inches in length shall not be intentionally taken from any of the waters of New York State, nor possessed; nor shall any person fish for or take any striped bass from the Hudson River with a net of any kind between March 31 and July 1.

**Muskallonge.**—Open season from May 30 to last day of February. In waters of Thousand Islands June 10 to Dec. 31. **Salmon.**—Open season from March 1 to Aug. 15. Must be fifteen inches long.

**Salmon Trout and Land-locked Salmon.**—Open season from May 1 to September 30, except that in the counties of Dutchess, Ulster, Sullivan, Orange, Rockland, Putnam, Westchester, and Richmond land-locked salmon, otherwise known as ouananiche, shall not be caught, except from April 1 to June 30, both inclusive. In Kings, Queens, Nassau, and Suffolk Counties and Long Island

GAME LAWS—Continued.

Sound from April 1 to September 30. Must be fifteen inches long and must not be molested while spawning. Transportation allowed only when with owner.

**Trout.**—Open season from April 16 to August 31. In Kings, Queens, Nassau, and Suffolk Counties and Long Island Sound from March 29 to August 31. Must be six inches long. Must not be molested while spawning. Transportation allowed only when with owner. Private ponds or streams must not be stocked with trout of any kind taken from the waters of the State.

Shooting on Sunday. Fishing within fifty rods of State fisheries and fishways, drawing off water to catch fish, using dynamite, pollution of waters, and stocking of the Adirondack waters with any fish, except of the salmon and trout families prohibited. Fishing through the ice in waters inhabited by trout, salmon trout, or land-locked salmon prohibited. This prohibition does not apply to Lake Ontario, Lake Erie, the Hudson and Niagara Rivers, nor Silver Lake in Wyoming County from January 1 to February 15. Salmon, black bass, trout, salmon trout, pike, and perch, caught in nets, in fishing for other fish in the Hudson River must be cast back.

NEW JERSEY.

Hunting on Sunday prohibited. *Open Season.*  
 Quail or Partridge, Hare Rabbit..... Nov. 10 to Jan. 1  
 Woodcock .. During July and Oct. 1 to Dec. 10  
 Ruffed Grouse (sometimes called partridge or pheasant) Oct. 1 to Dec. 10  
 Upland Plover or Dove ..... Aug. 1 to Sept. 30  
 English Snipe Mar 1 to Ap 30, Sept. 1 to Sept. 30  
 Reed & Rail Bird & Marsh Hen. Aug. 25 to Jan. 1  
 Web-footed Wild Fowl..... Sept. 30 to May 1

*Open Season.*  
 Squirrels..... During Sept. and Nov. 10 to Dec. 10  
 Brook Trout (not less than six inches in length)..... April 1 to July 15  
 Black and Oswego Bass (must be at least nine inches long) May 30 to Dec. 1  
 Pickerel ..... May 1 to Feb. 20  
 Deer and King-necked Pheasant cannot be taken, killed, or possessed prior to April 1, 1902. (Does not apply to preserves established April 1, 1899.)

CONNECTICUT.

**Woodcock, Quail, Ruffed Grouse, Partridge, Gray Squirrel.**—Must not be killed between December 1 and October 1. No person shall kill or have in possession more than five ruffed grouse in any one day or thirty-six in any one year. Woodcock, quail, and ruffed grouse, when killed, must not be conveyed beyond the limits of the State.

**Deer.**—Must not be killed at any time.  
**Sora, Rail.**—Must not be killed in the counties of New Haven, Fairfield, and Litchfield between January 1 and August 20, or in other counties between January 1 and September 1.

**Wild Fowl.**—Wild duck, goose, or brant must not be killed in May, June, July, and August, or with any other gun than is commonly raised at arm's length and fired from the shoulder. Shooting at wild fowl from any vessel propelled by steam or sails or from any boat or other structure attached thereto is strictly prohibited.

**Hare, Rabbit.**—Must not be killed between December 15 and October 15. (Use of ferrets on premises of another is forbidden.)

**Mongolian or Chinese Pheasants.**—Must not be caught or killed prior to October 1, 1900.

**Trout.**—Brook brown or rainbow trout must be caught only with hook and line between April 1 and July 1. Brook trout must be at least six inches long. Not more than thirty to be taken in one day.

**Black Bass.**—Must not be killed between May 1 and July 1. Must be caught with hook and line only. This does not apply to any person taking black bass from any waters owned or leased by him, or to the towns of Canton Farmington, or West Hill Pond, provided such black bass is not to be sold.

**Pickerel and Pike.**—Possession of any dead pickerel or wall-eyed pike less than twelve inches long is prohibited.

PENNSYLVANIA.

Hunting and fishing on Sunday unlawful.  
 Wild Turkey Pheasant, Grouse, *Open Season.*  
 Quail, Partridge, Prairie  
 Chicken..... Oct. 15 to Dec. 15  
 Web-footed Wild Fowl..... Sept. 1 to May 1  
 Plover ..... July 15 to Jan. 1  
 Woodcock, During July and..... Oct. 15 to Dec. 15  
 Rail and Reed Birds..... Sept. 1 to Dec. 1  
 Elk and Deer (dogs must not be used)..... Nov. 1 to Dec. 1  
 Squirrels..... Oct. 15 to Dec. 15  
 Hares and Rabbits..... Nov. 1 to Dec. 15  
 It is unlawful at any season of the year to kill any elk, deer, fawn, wild turkey pheasant, grouse, quail, partridge, or woodcock for the purpose of selling the same.  
 It is unlawful for any one person to kill in any one day more than ten ruffed grouse, commonly called pheasants, or more than fifteen quail or Virginia partridge, or more than ten woodcock, or more than two wild turkeys, or to kill in any one

season more than two deer. Mongolian English, or Chinese pheasant must not be killed or caught at any time prior to 1902.

*Open Season.*  
 Speckled Trout..... Apr. 15 to July 15  
 Lake Trout..... Jan. 1 to Sept. 30  
 Black Bass and Wall-eyed Pike (Susquehanna Salmon)..... May 30 to Dec. 31  
 Green Bass (except in Lake Erie) June 1 to Jan. 1  
 Pike and Pickerel..... June 1 to Jan. 31  
 Salmon and Grilse (over 3 lbs.) Mar. 1 to Aug. 15  
 In Pike County, open season for salmon or speckled trout, May 1 to August 1; for pike and pickerel, June 1 to February 15.  
 Delaware River.—No person shall catch or kill, in the Delaware River, any black bass, rock bass, or wall-eyed pike between January 1 and May 30. Must be at least nine inches in length; rock bass five inches in length.

Tioga County.—It is unlawful to catch for the purpose of sale any speckled trout or black bass.

MASSACHUSETTS.

Shooting or fishing on Sunday is prohibited. *Open Season.*  
 Black Bass (except in Connecticut River and tributaries)..... June 1 to Dec. 1  
 Trout, Lake Trout, and Land-locked Salmon, except in Berkshire, Hampshire, and Franklin Counties..... April 1 to Sept. 1  
 Trout, Lake Trout, and Land-locked Salmon, in Berkshire, Hampshire, and Franklin Counties..... April 1 to Aug. 1  
 Salmon..... May 1 to Aug. 1  
 Grouse, Partridge, or Woodcock Sept. 15 to Jan. 1  
 (Must not be transported beyond limits of the State.)  
 Quail ..... Oct. 15 to Jan. 1

*Open Season.*  
 Duck or Teal..... Sept. 1 to Apr. 15  
 Plover, Snipe, Sandpiper, or Rail, July 15 to May 1  
 Wild Pigeon, Gull or Tern..... Oct. 1 to May 1  
 Gray Squirrel, Hare, or Rabbit, Sept. 15 to Mar. 1  
 Introduced Pheasants.—Taking, killing, or possessing, except for purposes of propagation, is prohibited until 1901.  
 Deer must not be chased or killed prior to November 1, 1903.  
 No rabbit, gray squirrel, or chipmunk, or any land bird except the English sparrow, shall be caught or killed on Cape Ann at any time.  
 Wild birds (unless noted above) must not be taken or killed at any time except English sparrows, crow-blackbirds, crows, jays, birds of prey, wild geese, etc.

## Rifle Records of 1899.

(Revised to December 1, 1899.)

SPORTSMEN'S ASS'N TOURNAMENT,  
MADISON SQUARE GARDEN, N. Y.

**MARCH 9-21**—Individual Championship Match—Open to all, 100 shots off hand; 25-ring target; distance 100 feet; any 22-calibre rim-fire rifle allowed; shot in strings of ten shots. Competitors shot their ten strings during the tournament as they desired:

F. C. Ross, Brooklyn... 2,425 L. C. Buss, Manhattan... 2,412  
Louis F. Ittel, Pittsburgh 2,417 Louis Flach, Zettler R. C. 2,409  
H. M. Pope, Hartford... 2,413

Continuous Match—Open to all; off hand; on 25-ring target; distance 100 feet; any 22-calibre rim-fire rifle allowed; possible 150 points:

H. M. Pope..... 149 Gus Zimmerman..... 148  
Louis Buss..... 149 Henry Holges..... 147  
E. S. Pillard..... 149

Possible 375 points:

Gus Zimmerman..... 368 Louis Buss..... 364  
H. M. Pope..... 367

Fifty-Shot Record Scores, 200 yards offhand, German ring target:

August 12—Pittsburgh Rifle Club Range, Pittsburgh, Pa.—L. P. Ittel made 1,150 points out of a possible 1,250.

Three-Shot Scores, 200 yards offhand, possible 75 points, German ring target:

September 2—At Zettler Rifle Club Tournament, Greenville Shooting Park, Jersey City, N. J.—Louis Buss, of New York City, made the possible 75 points.

Ten-Shot Score, 200 yards offhand, Standard American target:

September 4—At the Denver Rifle Club's Range, Denver, Col.—D. W. King made 96 out of a possible 100.

September 4—At Strafford County Rifle Association Range, Dover, N. H.—Bert Wentworth made 97, tying the record to date.

October 14—At Manhattan Rifle and Revolver Association Range, New York City—Dr. W. G. Hudson made 95.

Military Rifle, 10-shot score, 800 yards:  
September 4—New Jersey Rifle Association, Fall Meeting (Winchester Match)—Sergeant George H. Doyle, New York, made 48 points out of a possible 50.

September 4-9—New Jersey State Rifle Association, eighth annual meeting, Hilton Trophy Match, 500 and 600 yards. First, New Jersey team, 1,089; second, Georgia team, 1,079; third, District of Columbia team, 1,025. Highest individual score, Dr. W. G. Hudson, of the New Jersey team, 93 out of a possible 105.

Interstate Military Match—200 and 500 yards. First, District of Columbia team, 1,006; second, Georgia team, 1,006; third, New Jersey team, 959; fourth, New Hampshire team, 894.

Highest individual score a tie between Private Appleby, of District of Columbia team, and Private C. S. Richmond, of Georgia team; score 89.

President's Match—Individual Military Championship of America—200, 300, 500, 600, 800, and 1,000 yards. First, Lieutenant F. C. Wilson, Georgia, 267; second, Colonel G. T. Cann, Georgia, 259; third, Private C. S. Richmond, Georgia, 249; fourth, Sergeant G. H. Doyle, New York, 248. Possible score, 300 points. Sixteen entries, representing five States.

Wimbledon Cup Match—30 shots, possible 150 points, 1,000 yards; six entries. First, Lieutenant F. C. Wilson, Georgia, 140; second, Private W. G. Hudson, New Jersey, 134; third, Colonel G. T. Cann, Georgia, 113.

Interstate Military Revolver Team Match—25, 50, and 75 yards; United States standard target A; 10 shots at each distance; possible 150 points; five entries. First, First Regiment Cavalry Georgia Volunteers, 432; second, Sixth Battalion District of Columbia National Guard, 424; third, First Troop National Guard New Jersey, 420. Highest individual score was a tie between Sergeant R. P. Constantine, First Georgia Volunteers, and Private Fred. Agens, First Troop National Guard New Jersey, each with 105.

Individual Military Revolver Championship Match—25, 50, and 75 yards; six shots each distance; United States standard target; reduced to 100 yards; possible score 90 points; four entries. First, Lieutenant R. H. Sayre, New York, 75; second, Lieutenant Sumner Palne, Massachusetts, 74; third, Private C. S. Richmond, Georgia, 74.

Ten-Shot Score, 25-ring target, 25 yards, possible 250:

April 1—L. P. Hansen, Jersey City, 250.  
October 17—L. Flach, New York City, 250.

100-Shot Score—200 yards, German ring target, offhand:

September 14—At Shell Mound Park, San Francisco, Cal., F. E. Mason made 2,271. His score was made in 10-shot strings, as follows: 218, 231, 222, 225, 229, 229, 232, 227, 237, 221.

Muzzle Rest—10-shot score, 200 yards, Standard American rest target:

October 18—At Walnut Hill Range, Massachusetts, Mrs. S. E. Briggs made 119 points, out of a possible 120. (Telescope.)

Muzzle Rest—200 yards, 10 shots, possible 100, Standard American target, offhand:

October 14—Strafford County Rifle Association Range, Dover, N. H., Harry Wentworth made full score, 100 points.

NOTE—This score on the rest target counts 115 out of a possible 120.

November 7—Annual Election Day Individual Championship Match, shot at Greenville Shooting Park, Jersey City, N. J.; 100 shots offhand, 200 yards, German ring target, possible 2 500 points, 30 entries:

First, Michael Dorrier, Jersey City, 2,246; second, Fred. C. Ross, New York City, 2,208; third, Dr. W. G. Hudson, New York City, 2,182.

Highest 10-shot score, possible 250:  
First, Michael Dorrier, 232; second, George Schlicht, 231.

November 7—Annual Election Day Individual Championship Match, at Shell Mound Park, San Francisco, Cal.; 100 shots, 200 yards, German ring target, offhand:

First, F. E. Mason, 2,209; second, F. P. Schuster, 2,204; third, D. W. McLaughlin, 2,181.

Best 10-shot score:  
F. E. Mason, first, 235; F. P. Schuster, second, 231.

Ten-Shot Score—200 yards, German ring target, offhand:

November 18—At Greenville Shooting Park, Jersey City, N. J., L. P. Hansen made 240 points out of a possible 250. His shots are as follows: 24, 24, 24, 24, 25, 22, 23, 25, 24, 25—240.

NOTE—Hansen's score ties the record.  
September 14—At Shell Mound Park San Francisco, Cal., F. E. Mason made 237. His shots are as follows: 25, 22, 24, 24, 22, 24, 24, 24, 24, 24—237.

Ten-Shot Score; possible 50; 500 yards; Creedmoor target:

November 5—Denver, Col., Rifle Club—C. C. Ford made the following scores: 50, 48, 48, 50. On November 13 he made 49, 50, 50, 50. These scores are consecutive.

The American Turf.

RECORD OF BEST PERFORMANCES.

RUNNING.

Dashes—Best at All Distances.

(Revised to December 1, 1899.)

| DISTANCE.           | Name, Age, Weight, and Sire.                    | Place.                | Date.          | Time.      |
|---------------------|---|-----------------------|----------------|------------|
| 1/4 mile            | Bob Wade, 4.                                    | Butte, Mont.          | Aug. 20, 1890  | 0.21 1/4   |
| 1/4 "               | { Red S., aged, 132 lbs.                        | Butte, Mont.          | July 22, 1896  | } 0.34     |
|                     | { Fashion, 4                                    | Lampas, Tex.          | Aug. 15, 1891  |            |
| 1/4 "               | { Geraldine, 4, by Grinstead, 122 lbs           | N. Y. J. C. (st. c.)  | Aug. 30, 1889  | } 0.46     |
|                     | { April Fool, 4, 122 lbs.                       | Butte, Mont.          | July 31, 1891  |            |
| 1/2 furlongs        | Handpress, 2, by Hanover, 100 lbs.              | N. Y. J. C. (st. c.)  | May 26, 1897   | 0.52       |
| 1/2 mile            | { Maid Marian, 4, by Great Tom, 111 lbs.        | N. Y. J. C. (st. c.)  | Oct. 9, 1894   | } 0.56 3/4 |
|                     | { George F. Smith, 4, by Inspector B., 100 lbs  | Oakland, Cal.         | March, 1895    |            |
| 5/8 furlongs        | { Howard, 4, by Tyrant, 118 lbs.                | Los Angeles, Cal.     | Oct. 26, 1895  | } 1.06     |
|                     | { Tormentor, 6, by Joe Hooker, 121 lbs.         | N. Y. J. C. (st. c.)  | Oct. 10, 1893  |            |
| Futurity Course*    | Kingston, aged, by Spenndrift, 139 lbs.         | C. I. J. C.           | June 22, 1891  | 1.08       |
| 3/4 mile            | { O'Connell, 5, 121 lbs.                        | Oakley, Ohio          | July 18, 1895  | } 1.12 1/4 |
|                     | { Flora Louise, 2, by Florist, 83 lbs.          | Chicago (Harlem)      | Sept. 30, 1897 |            |
| 3/4 mile            | { Mary Black, 3, by Islington, 93 lbs.          | Chicago (Wash. Park)  | July 16, 1896  | } 1.09     |
|                     | { Domino, 2, by Himyar, 123 lbs.                | N. Y. J. C. (st. c.)  | Sept. 29, 1893 |            |
| 6/8 furlongs        | { Firearm, 4, by Rayon d'Or, 120 lbs.           | Morris Park (st. c.)  | Oct. 3, 1899   | } 1.19 1/4 |
|                     | { Georgie, 3, by Ragnorok, 102 lbs.             | Hawthorne, Chic. Ill  | Sept. 16, 1899 |            |
| 7/8 mile            | { Bella B., 5, by Enquirer, 103 lbs.            | Monmouth P. (st. c.)  | July 8, 1890   | } 1.23 1/2 |
|                     | { Clifford, 4, by Bramble, 127 lbs.             | C. I. J. C.           | Aug. 29, 1894  |            |
| 7/8 furlongs        | { Dunois, 5, by Florist, 105 lbs.               | Oakland, Cal.         | Feb. 21, 1899  | } 1.32 1/4 |
|                     | { Salvator, 4, by Imp. Prince Charlie, 110 lbs† | Monmouth P. (st. c.)  | Aug. 28, 1890  |            |
| 1 mile              | { Libertine, 3, by Leonatos, 90 lbs.            | Chicago, Ill.         | Oct. 24, 1894  | } 1.38 3/4 |
|                     | { Kildeer, 4, by Imp. Darebin, 91 lbs           | Monmouth P. (st. c.)  | Aug. 13, 1892  |            |
| 1 " 20 yds.         | { Maid Marian, 4, by Imp. Great Tom, 101 lbs    | Chicago (Wash. Park)  | July 21, 1893  | } 1.40     |
|                     | { Macy, 4, by Hindoo, 107 lbs.                  | Chicago (Wash. Park)  | July 2, 1898   |            |
| 1 " 50 yds.         | { Floronso, 3, by Fonso, 93 lbs.                | Chicago (Wash. Park)  | July 6, 1896   | } 1.42 1/2 |
|                     | { Lillian Lee, 3, by Lisbon, 95 lbs.            | Chicago (Harlem)      | July 31, 1894  |            |
| 1 " 70 yds.         | { Carnero, 5, by Candelmas, 107 lbs.            | Hawthorne, Chic. Ill. | Sept. 5, 1899  | } 1.45     |
|                     | { Tristan, 6, by Imp. Glenelg, 114 lbs.         | Morris Park, N. Y.    | June 2, 1891   |            |
| 1 1/4 " 11-16 miles | { Boanerges, 4, by Spenndrift, 110 lbs.         | Chicago (Wash. Park)  | July 7, 1896   | } 1.58 1/4 |
|                     | { David Tenny, 4, by Tenny, 100 lbs.            | Chicago (Wash. Park)  | July 16, 1896  |            |
| 1 1/4 " 13-16 "     | { Algot, 4, by Imp. Topgallant, 107 lbs.        | Chicago (Wash. Park)  | July 23, 1896  | } 2.00 1/2 |
|                     | { Banquet, 3, by Imp. Rayon d'Or, 103 lbs.      | Monmouth P. (st. c.)  | July 17, 1890  |            |
| 1 m. 500 yds.       | { Bend Or, 4, by Buckden, 115 lbs.              | Saratoga, N. Y.       | July 25, 1892  | } 2.10 1/2 |
|                     | { Sir John, 4, by Sir Modred, 116 lbs.          | N. Y. J. C.           | June 9, 1892   |            |
| 1 1/2 " 15-16 miles | { Sabine, 4, by Rossington, 109 lbs.            | Chicago (Wash. Park)  | July 5, 1894   | } 2.18 1/2 |
|                     | { Goodrich, 3, by Patron, 102 lbs.              | Chicago (Wash. Park)  | July 16, 1896  |            |
| 1 1/2 " 15 "        | { Hindocraft, 3, by Hindoo, 75 lbs.             | Morris Park, N. Y.    | Aug. 27, 1899  | } 2.48     |
|                     | { Ben Holladay, 4, by Hanover, 118 lbs.         | Morris Park, N. Y.    | Oct. 23, 1897  |            |
| 1 1/2 " 17 "        | { Enigma, 4, by Enquirer, 90 lbs.               | Sheepshead Bay, N. Y. | Sept. 15, 1885 | } 3.20     |
|                     | { Judge Denny, 5, by Fonso, 105 lbs.            | Oakland (Cal. J. C.)  | Feb. 12, 1898  |            |
| 2 " 2 1/4 "         | { Ten Broeck, 5, by Imp. Phaeton, 110 lbs.†     | Louisville, Ky.       | May 30, 1877   | } 3.27 1/2 |
|                     | { Joe Murphy, 4, by Isaac Murphy, 99 lbs.       | Chicago (Harlem)      | Aug. 30, 1894  |            |
| 2 " 2 1/4 "         | { Buckwa, aged, by Buckra, 104 lbs.             | Oakland, Cal.         | Dec. 31, 1898  | } 3.51     |
|                     | { Kyrat, 3, by Teuton, 88 lbs.                  | Newport, Ky.          | Nov. 18, 1899  |            |
| 2 " 2 1/2 "         | { Ten Broeck, 4, by Imp. Phaeton, 104 lbs.      | Lexington, Ky.        | Sept. 16, 1876 | } 4.58 1/2 |
|                     | { Hubbard, 4, by Planet, 107 lbs.               | Saratoga, N. Y.       | Sept. 9, 1873  |            |
| 3 " 2 3/4 "         | { Drake Carter, 4, by Ten Broeck, 115 lbs.      | Sheepshead Bay, N. Y. | Sept. 6, 1884  | } 5.24     |
|                     | { Lucrezia Borgia, 4, by Imp. Brutus, 85 lbs.†  | Oakland (Cal. J. C.)  | May 20, 1897   |            |
| 4 " 3 "             | { The Bachelor, 6, by Judge Murray, 113 lbs.    | Oakland, Cal.         | Feb. 22, 1899  | 7.16 1/2   |

Heats—Best Two-in Three.

|                |   |                            |                |          |          |
|----------------|---|----------------------------|----------------|----------|----------|
| 1/4 mile       | Sleepy Dick, aged                               | Kiowa, Kan.                | Oct. 19, 1888  | 0.21 1/2 | 0.22 1/4 |
| 1/4 "          | { Eclipse, Jr., 4                               | Dallas, Tex.               | Nov. 1, 1890   | 0.48     | 0.48     |
|                | { Quirt, 3, 122 lbs.                            | Vallejo, Cal.              | Oct. 5, 1894   | 0.47 1/2 | 0.47 1/2 |
| 1/2 furlongs   | Susie S., aged, by Ironwood.                    | Santa Rosa, Cal.           | Aug. 23, 1889  | 0.55 1/2 | 0.55 1/2 |
| 1/2 mile       | Kitty Pease, 4, by Jack Hardy, 82 lbs.          | Dallas, Tex.               | Nov. 2, 1887   | 1.00     | 1.00     |
| 3/4 "          | { Lizzie S., 5, by Wanderer, 118 lbs.           | Louisville, Ky.            | Sept. 18, 1883 | 1.13 1/4 | 1.13 1/4 |
|                | { Tom Hayes, 4, by Duke of M'trose, 107 lbs.    | Morris Pk., N. Y. (st. c.) | June 17, 1892  | 1.10 1/2 | 1.12 1/4 |
| 3/4 "          | { Hornpipe, 4, by Imp. St. Mungo, 105 lbs.      | Chicago (Westside)         | July 19, 1888  | 1.30     | 1.30     |
|                | { Guido, 4, by Double Cross, 117 lbs.           | Chicago (Wash. Park)       | July 11, 1891  | 1.41 1/2 | 1.41 1/2 |
| 1 " 1-16 miles | Slipalong, 5, by Longfellow, 115 lbs.           | Chicago (Wash. Park)       | Sept. 2, 1885  | 1.50 1/2 | 1.48     |
| 1 1/4 miles    | { Gabriel, 4, by Alarm, 112 lbs.                | Sheepshead Bay, N. Y.      | Sept. 23, 1880 | 1.56     | 1.56     |
|                | { Glenmore, 5, by Glen Athol, 114 lbs.          | Sheepshead Bay, N. Y.      | Sept. 25, 1880 | 2.10     | 2.14     |
| 1 1/4 " 1 "    | { Mary Anderson, 3, 83 lbs., won first heat in. | Toledo, Ohio.              | Sept. 16, 1880 | 2.43 1/2 | 2.45     |
|                | { Keno, 6, by Chillicothe                       |                            |                | 2.45     | 2.45     |
| 2 " 2 "        | { Belle of Nelson, 5, won second heat in.       | Jackson, Miss.             | Nov. 17, 1877  | 3.32     | 3.29     |
|                | { Bradamante, 3, by War Dance, 87 lbs.          | Sacramento, Cal.           | Sept. 28, 1865 | 5.27 1/2 | 5.29 1/2 |
| 3 " 3 "        | { Norfolk, 4, by Lexington, 109 lbs.            | Sheepshead Bay, N. Y.      | Sept. 18, 1890 | 7.23 1/2 | 7.41     |
|                | { Ferida, 4, by Glenelg, 105 lbs.               | Baltimore, Md.             | Oct. 25, 1879  | 7.20 1/2 | 7.31     |
| 4 " 4 "        | { Glenmore, 4, by Glen Athol, 108 lbs.          |                            |                |          |          |

\* Course, 170 feet less than 1/4-mile.

† Races against time.

St. c., straight course.

## THE AMERICAN TURF—RECORD OF BEST PERFORMANCES—Continued.

## Heats—Best Three in Five.

| Dist. Mile.   | Name.                                       | Place.            | Date.         | Time.                        |
|---------------|---|-------------------|---------------|------------------------------|
| $\frac{3}{4}$ | Haddington, 5, by Haddington, 118 lbs....   | Petaluma, Cal.... | Aug. 28, '83  | 0.49% 0.50% 0.49%            |
| $\frac{3}{4}$ | Gleaner, aged, by Glenelg, 112 lbs....      | Wash. Park, Chic. | July 5, '86   | 1.15 1.14% 1.15%             |
| 1             | Thad Stevens, aged, by Langford, 100 lbs.   | Sacramento, Cal.  | July 8, '73   | 1.43% 1.46% 1.45             |
| 1             | Thornhill won the first and second heats in |                   | 1.43 1.43     |                              |
| 1             | L' Argentine, 6, 115 lbs.....               | St. Louis.....    | June 14, '79  | 1.44 1.47%                   |
| 1-16          | Dave Douglas, 5, by Leinster.....           | Sacramento, Cal.  | Sept. 23, '87 | 1.51% 1.51% 1.51% 1.54 1.50% |

First and third heats were dead heats.

## HURDLE RACES.

| DISTANCE.     | Name.                                      | Place.                 | Date.         | Time.      |
|---------------|--|------------------------|---------------|------------|
| 1 mile.....   | Swannanoe, aged, by Red Dick, 120 lbs.     | Brighton Beach, N. Y.  | July 16 1881  | 1.50       |
| 1-16 miles    | Judge Jackson, aged, by Buckden, 138 lbs   | Latonia, Ky.           | May 29, 1886  | 1.59%      |
| $\frac{1}{2}$ | Winslow, 4, by Ten Broeck, 138 lbs.....    | Westside, Chicago, Ill | Aug. 29, 1888 | 2.02%      |
| 1-16 "        | Jim Murphy, 4, by Fellowcraft, 133 lbs.    | Saratoga, N. Y.        | Aug. 21, 1888 | 2.12       |
| $\frac{1}{2}$ | Bourke Cockran, 4, by War Dance, 127 lbs   | Brighton Beach, N. Y.  | Nov. 9, 1882  | 2.16       |
| $\frac{1}{2}$ | Guy, aged, by Narragansett, 155 lbs.       | Latonia, Ky.           | Oct. 8, 1885  | 2.36       |
| $\frac{1}{2}$ | { Kitty Clark, 3, by Glenelg, 130 lbs.     | Brighton Beach, N. Y.  | Aug. 23, 1881 | 2.47       |
| $\frac{1}{2}$ | { Speculation, 6, by Dan'l Boone, 125 lbs. | Brighton Beach, N. Y.  | July 19, 1881 | 2.47       |
| $\frac{1}{2}$ | Turfman, 5, by Revolver, 140 lbs.          | Saratoga, N. Y.        | Aug. 7, 1882  | 3.16       |
| $\frac{1}{2}$ | { Kitty Clark, 4, by Glenelg, 142 lbs.     | Monmouth, N. J.        | July 12, 1882 |            |
| $\frac{1}{2}$ | { Challenger, 4, by Imp. Martenhurst,      |                        |               | 3.17       |
|               | 154 lbs.                                   | Morris Park, N. Y.     | May 18, 1898  |            |
| 2             | Forget, 5, by Exile, 153 lbs.              | Sheepshead Bay, N. Y.  | Aug. 31, 1898 | 3.452-5    |
| $\frac{3}{4}$ | Buckra, aged, by Buckden, 168 lbs.         | Sheepshead Bay, N. Y.  | June 21, 1887 | 4.26       |
| Mile heats.   | Will Davis, aged, by Fadlander, 140 lbs.   | Chicago, Ill.          | July 3, 1886  | 1.49% 1.51 |

## TROTTING—IN HARNESS.

| DISTANCE.                 | Name.               | Place.                          | Date.          | Time.       |
|---------------------------|---------------------|---------------------------------|----------------|-------------|
| 1 mile by a yearling..... | { Pansy McGregor.   | Holton, Kan. (kite).....        | Nov. 18, 1893  | 2.22% 4     |
|                           | { Adbell*.          | San José, Cal. (reg.).....      | Sept. 28, 1894 | 2.23        |
| 1 " " two-year-old.       | { Arion*.           | Stockton, Cal. (kite).....      | Nov. 10, 1891  | 2.10%       |
|                           | { Jupe.             | Boston, Mass.....               | Sept. 28, 1884 | 2.13%       |
| 1 " " three-year-old      | { Fantasy.....      | Nashville, Tenn. (reg.).....    | Oct. 17, 1893  | 2.08%       |
|                           | { Directum.         | Nashville, Tenn. (reg.).....    | Oct. 18, 1893  | 2.08%       |
| 1 " " four-year-old.      | { Fantasy*.         | Terre Haute, Ind. (reg.).....   | Sept. 19, 1894 | 2.06        |
|                           | { Bingen.           | Louisville, Ky.                 | Sept. 26, 1894 |             |
| 1 " " five-year-old.      | { Ralph Wilkes.     | Nashville, Tenn.                | Oct. 19, 1894  | 2.06%       |
| 1 " " six-year-old.       | { Alix*.            | Galesburg, Ill.                 | Sept. 19, 1894 | 2.03%       |
| Best 3 heats              | { Alix*.            | Terre Haute, Ind.               | Aug. 17, 1894  | 2.06% 2.06% |
|                           | { Greenlander.      | Terre Haute, Ind.               | Nov. 4, 1893   | 4.32        |
| 2 miles.....              | { Col. Knuser.      | Vienna, Austria.....            | Sept. 28, 1899 | 4.28 2-5    |
|                           | { Fairy Wood.       | Minneapolis, Minn.              | July 1, 1894   | 7.16%       |
| 3 " "                     | { Nightingale*.     | Nashville, Tenn. (reg.).....    | Oct. 20, 1893  | 6.55%       |
|                           | { Bertie R. †       | Blackpool, England.             | Sept. 11, 1899 | 9.58        |
| 4 " "                     | { Senator L.        | San José, Cal. (reg.).....      | Nov. 2, 1894   | 10.12       |
| 5 " "                     | { Bishop Hero.      | Oakland, Cal. (reg.).....       | Oct. 14, 1893  | 12.36%      |
| 10 " "                    | { Controller.       | San Francisco, Cal. (reg.)..... | Nov. 23, 1878  | 27.23%      |
|                           | { Pascal*.          | New York, N. Y. (reg.).....     | Nov. 2, 1893   | 26.15       |
| 20 " "                    | { Captain McGowan*. | Boston, Mass. (reg.).....       | Oct. 31, 1865  | 58.25       |
| 30 " "                    | { General Taylor*.  | San Francisco, Cal.             | Feb. 21, 1857  | 1.47.59     |
| 50 " "                    | { Ariel*.           | Albany, N. Y.                   | 1846           | 3.65.40%    |
| 100 " "                   | { Conqueror*.       | Centreville, L. I.              | Nov. 12, 1853  | 8.55.53     |

## To Wagon.

|                   |                    |                      |                |            |
|-------------------|--------------------|----------------------|----------------|------------|
| 1 mile.....       | Grace Hastings.... | Cleveland, Ohio      | July 29, 1898  | 2.00%      |
| 1 mile in a race  | The Abbot.....     | Hartford, Ct.        | July 4, 1899   | 2.12%      |
| Best 3 heats..... | { Hopeful.         | Chicago, Ill.        | Oct. 12, 1878  | 2.16% 2.17 |
|                   | { General Butler.. | Fashion Track, L. I. | June 15, 1863  | 2.17       |
| 2 miles.....      | { Dexter.          | Fashion Track, L. I. | Oct. 27, 1865  | 4.56%      |
| 3 " "             | { Prince.          | Centreville, L. I.   | Sept. 15, 1867 | 7.53%      |
| 5 " "             | { Fillmore*.       | San Francisco, Cal.  | April 18, 1863 | 13.16      |
| 10 " "            | { Julia Aldrich.   | San Francisco, Cal.  | June 15, 1858  | 29.04%     |
| 20 " "            | { Controller.....  | San Francisco, Cal.  | April 20, 1878 | 58.57      |

## Under Saddle.

|              |                    |                        |                |       |
|--------------|--------------------|------------------------|----------------|-------|
| 1 mile.....  | Great Eastern..... | Fleetwood Park, N. Y.  | Sept. 22, 1877 | 2.15% |
| 2 miles..... | George M. Patchen  | Fashion Track, L. I.   | July 1, 1863   | 4.56  |
| 3 " "        | { Dutchman.....    | Beacon Track, Hoboken. | Aug. 1, 1839   | 7.32% |
| 4 " "        | { Dutchman.....    |                        | May, 1836      | 10.51 |

## By Teams.

|                     |   |
|---------------------|---|
| 1 mile.             | Maud S. and Aldine, at Fleetwood Park, N. Y., driven by W. H. Vanderbilt to a road wagon (not a record), 2.15%, June 15, 1883.  |
| 1 mile.             | Belle Hamlin and Honest George, at Providence, R. I., driven by E. F. Geers to skeleton wagon with bicycle wheels, for a record, 2.12%, September 23, 1892.                         |
| 1 mile.             | Belle Hamlin and Justina, at Independence, Iowa (kite-shaped track), driven by their breeder, C. J. Hamlin, 72 years old, to skeleton wagon, for a record, 2.13%, October 24, 1890. |
| 1 mile (in a race). | Rose Leaf and Sally Simmons, driven by George Starr, at Columbus, Ohio, September 27, 1894, 2.15%.  |

\*Against time. †Alias Polly G. ‡World's trotting record.



THE AMERICAN TURF—RECORD OF BEST PERFORMANCES—Continued.

3 heats (in a race). Arab and Conde, driven by O. A. Hickok, won in straight heats over the Bay District track, San Francisco, November 26, 1887, from Lindsay's Jane L. and Palatina. Time, 2.30½, 2.23, 2.18¾.

With Running Mate.

| Distance. | Name.     | Place.                | Date.        | Time. |
|-----------|-----------|-----------------------|--------------|-------|
| 1 mile    | Ayres P.* | Kirkwood, Del. (kite) | July 3, 1893 | 2.03½ |

PACING—IN HARNESS.

|                           |                   |                            |                |                   |
|---------------------------|-------------------|----------------------------|----------------|-------------------|
| 1 mile                    | Star Pointer*†    | Readville, Mass.           | Aug. 28, 1897  | 1.59¼             |
| 1 " in a race             | Star Pointer      | Springfield, Ill.          | Oct. 1, 1897   | 2.00½             |
| 1 " yearling              | Belle Acton*      | Lyons, Neb.                | Oct. 14, 1892  | 2.20¾             |
| 1 " two-year-old          | { Directly*       | Galesburg, Ill.            | Sept. 20, 1894 | 2.07¾             |
|                           | { Ecstasy         | Lexington, Ky.             | Oct. 15, 1898  | 2.10½             |
| 1 " three-year-old        | Klatawah          | Louisville, Ky.            | Sept. 28, 1898 | 2.05½             |
| 1 " four-year-old         | Online*           | Sioux City, Iowa           | Oct. 12, 1894  | 2.04              |
| 1 " best by mare.         | Lady of the Manor | Glens Falls, N. Y.         | Aug. 19, 1899  | 2.04¼             |
| 2 miles                   | Chehalis          | Salem, Ore.                | Oct. 6, 1897   | 4.19¼             |
| 3 " "                     | { James K. Polk.  | Centreville, L. I. (reg.)  | Sept. 13, 1847 | 7.44              |
|                           | { Joe Jefferson*  | Knoxville, Iowa (reg.)     | Nov. 6, 1891   | 7.33¼             |
| 4 " "                     | Joe Jefferson*    | Knoxville, Iowa (reg.)     | Nov. 13, 1891  | 10.10             |
| 5 " "                     | Fisherman         | San Francisco, Cal. (reg.) | Dec. 19, 1874  | 13.03½            |
| 1 mile, best three heats. | Star Pointer      | Boston, Mass.              | Sept. 18, 1896 | 2.02½ 2.03½ 2.03¾ |

To Wagon.

|                 |                |                     |                |                   |
|-----------------|----------------|---------------------|----------------|-------------------|
| 1 mile          | Bumps*         | Louisville, Ky.     | Sept. 27, 1899 | 2.03¼             |
| 2 miles         | Young America  |                     |                | 4.59½             |
| 3 " "           | Longfellow     | Sacramento, Cal.    | Sept. 7, 1869  | 7.53              |
| 4 " "           | Longfellow     | San Francisco, Cal. | Dec. 31, 1869  | 10.42½            |
| 5 " "           | Lady St. Clair | San Francisco, Cal. | Dec. 11, 1874  | 12.54¾            |
| 3 heats, 1 mile | Johnston       | St. Paul, Minn.     | Sept. 16, 1887 | 2.16¼ 2.15½ 2.15¾ |

Under Saddle.

|        |          |                 |              |      |
|--------|----------|-----------------|--------------|------|
| 1 mile | Johnston | Cleveland, Ohio | Aug. 3, 1883 | 2.13 |
|--------|----------|-----------------|--------------|------|

By a Team.

|        |  |                    |              |      |
|--------|--|--------------------|--------------|------|
| 1 mile | { John R. Gentry }<br>{ Robert J. .... } | Glens Falls, N. Y. | Oct. 8, 1897 | 2.08 |
|--------|--|--------------------|--------------|------|

With a Running Mate.

|                 |   |  |              |       |
|-----------------|---|--|--------------|-------|
| 1 mile (pacing) | { Flying Jib & mate, }<br>{ Chillicothe, Ohio (kite) .. } |  | Oct. 4, 1894 | 1.58¼ |
|-----------------|---|--|--------------|-------|

\* Against time. † World's pacing record.

The English Derby.

| Year. | Owner and Winner.                 | Sire.                       | Subs. | Starters. | Time.    | Second.                                   |
|-------|-----------------------------------|-----------------------------|-------|-----------|----------|---|
| 1867  | Mr. H. Chaplin's Hermit           | Newminster                  | 256   | 30        | 2.52     | Marksmen.                                 |
| 1868  | Sir J. Hawley's Blue Gown         | Beadsman                    | 262   | 18        | 2.43 1-2 | King Alfred.                              |
| 1869  | Mr. J. Johnstone's Pretender      | Adventurer                  | 247   | 22        | 2.52 1-2 | Pero Gomez.                               |
| 1870  | Lord Falmouth's Kingcraft         | King Tom                    | 253   | 15        | 2.45     | Palmerston.                               |
| 1871  | Baron Rothschild's Favonius       | Parmesan                    | 209   | 17        | 2.50     | { Albert Victor.<br>{ King of the Forest. |
| 1872  | Mr. Savile's Cremorne             | Parmesan                    | 191   | 23        | 2.45 1-2 | Pell Mell.                                |
| 1873  | Mr. Merry's Doncaster             | Stockwell                   | 201   | 12        | 2.50     | { Gang Forward.<br>{ Kaiser.              |
| 1874  | Mr. Cartwright's George Frederick | Marsyas                     | 212   | 20        | 2.46     | Couronne de Fer.                          |
| 1875  | Prince Bathlyany's Galopin        | Vedette                     | 199   | 18        | 2.48     | Claremont.                                |
| 1876  | Mr. A. Baltazzi's Kisber          | Buccaneer                   | 226   | 15        | 2.44     | Forerunner.                               |
| 1877  | Lord Falmouth's Silvio            | Blair Athol                 | 245   | 17        | 2.50     | Glen Arthur.                              |
| 1878  | Mr. Crawford's Sefton             | Speculum                    | 231   | 22        | 2.56     | Insulaire.                                |
| 1879  | Mr. Acton's Sir Bevys             | Favonius                    | 278   | 23        | 3.02     | Palmbearer.                               |
| 1880  | Duke of Westminster's Bend Or     | Doncaster                   | 257   | 19        | 2.46     | Robert the Devil.                         |
| 1881  | Mr. P. Lorillard's Iroquois       | Leamington                  | 243   | 15        | 2.50     | Peregrine.                                |
| 1882  | Duke of Westminster's Shotover    | Hermit                      | 193   | 14        | 2.45 3-5 | Quicklime.                                |
| 1883  | Sir F. Johnstone's St. Blaise     | Hermit                      | 215   | 11        | 2.48 2-5 | Highland Chief.                           |
|       | Mr. J. Hammond's St. Gatien       | Rotherhill or<br>The Rover. | 189   | 15        | 2.46 1-5 | .....                                     |
| 1884  | Sir J. Willoughby's Harvester     | Stirling.                   |       |           |          |   |
| 1885  | Lord Hastings's Melton            | Master Kildare.             | 189   | 12        | 2.44 1-5 | Paradox.                                  |
| 1886  | Duke of Westminster's Ormonde     | Bend Or                     | 199   | 9         | 2.45 3-5 | The Bard.                                 |
| 1887  | Mr. Abington's Merry Hampton      | Hampton                     | 180   | 11        | 2.43     | The Baron.                                |
| 1888  | Duke of Portland's Ayrshire       | Hampton                     | 155   | 9         | 2.42 1-5 | Crowberry.                                |
| 1889  | Duke of Portland's Donovan        | Galopin                     | 169   | 13        | 2.44 2-5 | Miguel.                                   |
| 1890  | Sir James Miller's Sainfoin       | Springfield                 | 233   | 8         | 2.49 1-4 | Le Nord.                                  |
| 1891  | Sir F. Johnstone's Common         | Isonomy                     | 203   | 11        | 2.56 4-5 | Gouverneur.                               |
| 1892  | Lord Bradford's Sir Hugo          | Wisdom                      | 259   | 13        | 2.44     | La Flèche.                                |
| 1893  | W. H. McCalmont's Isinglass       | Isonomy                     | 229   | 11        | 2.33     | Ravensbury.                               |
| 1894  | Lord Rosebery's Ladas             | Hampton                     | 294   | 7         | 2.45 4-5 | Matchbox.                                 |
| 1895  | Lord Rosebery's Sir Visto         | Barcardine                  | 228   | 15        | 2.43 2-5 | Curzon.                                   |
| 1896  | Prince of Wales's Persimmon       | St. Simon                   | 276   | 11        | 2.42     | St. Frusquin.                             |
| 1897  | J. Gubbins's Galtee More          | Kendal                      | 291   | 11        | 2.44     | Velasquez.                                |
| 1898  | J. W. Larnach's Jeddah            | Janissary                   | 276   | 18        | 2.47     | Batt.                                     |
| 1899  | Duke of Westminster's Flying Fox  | Orme                        | 264   | 12        | 2.42 4-5 | Damocles.                                 |

Baseball.

THE PROFESSIONAL ARENA.

THE NATIONAL LEAGUE CHAMPIONSHIP SEASON OF 1899.

THE professional baseball season of 1899 ended the eighth year's existence of the major League with its twelve-club circuit, and it would have been the most profitable season of its career but for the faulty management which characterized the running of the League's business, this costly drawback comprising the continuance of the abuse known as "kicking"—disputing the decisions of the umpires—with its sequence of unruly conduct on the field, an evil which had had such damaging financial effect in 1898. It will be remembered that when the National League was reconstructed in the Fall of 1891, and took its pick of the American Association clubs, and became a twelve-club organization and the ruling power in the professional world, the transaction cost the National League magnates \$186,000. This great indebtedness was, however, paid off by the major League by the close of the season of 1893, thereby showing how profitable the twelve-club League had been up to 1894. From that date, however, the financial profits of each season began to decrease, and the cause of it was the gradual growth of the evil of "kicking," the result being the driving away from the grandstands the reputable class of the patrons of the game. In 1897 an era of positive turbulence began in the ranks of the players of the League clubs, and it was carried to such a disgraceful extent by a minority of the League teams that at the convention of that year repressive measures were adopted by the League magnates, and it was expected that 1898 would see an improvement shown. Instead, however, things went on from bad to worse, and, to increase the trouble, discord in League councils began to manifest itself, and the result was that the season of 1898 turned out to be the poorest financially known in the history of the major League. The Spanish War was, however, charged with being the main cause of the falling off in gate receipts in 1898, and the season of 1899 was looked forward to as one likely to compensate in receipts for that of the previous year. But again was the same costly mistake made in 1899 as in 1898, and with it came great disappointment in the failure of the cash returns to equal the rosy anticipations of financial success indulged in by the magnates in the Spring of 1899. Losing sight of the true cause of the failure, quite a cry was made in 1899 for a return by the League to the old plan of an eight-club circuit in the place of the so-called "top-heavy twelve-club circuit," the advocates of the return to old plans forgetting that it was the abuses that had been allowed to continue which had caused the falling off in patronage, and not the number of clubs comprising the League circuit. To add to the cause of failure, a condition of "syndicate baseball" was allowed to exist, which not only helped to lessen the patronage, but also to risk the loss of the valuable prestige of playing professional baseball in its integrity, which the National League had secured by years of labor in behalf of honest ball playing. The National League with its twelve-club organization has yet two years more to live, and no constitutional change can be made in the way of reducing the number of its clubs without unanimous consent, and that consent is not at the League's command. Of course the clubs in excess of eight in the circuit could be bought out, but the costly experiment of 1891 is not likely to be again tried, and therefore the twelve-club circuit is liable to continue until the expiration of the major League's life occurs in the Fall of 1901.

What is needed at the hands of the League magnates to make the League season of 1900 one of great financial profit is, for them firstly to do away with the existing drawback to financial success of rowdiness in the ranks; secondly, to put an end to the damaging effect of syndicate baseball in lowering the prestige of the professional business for honest work, and lastly to even up the playing strength of the League teams to an extent sufficient to insure more evenly contested pennant races. Merely changing the League's circuit from twelve to eight clubs won't do it; the magnates must dig out the root of the existing evil.

The story of the pennant race of 1899 is figuratively told in brief in the appended table, which shows how each club stood in the race at the end of the season, and which club excelled in victories in the two divisions of the record:

CHAMPIONSHIP RECORD OF 1899.

| CLUBS.                      | FIRST DIVISION CLUBS. |         |               |            |            |             | SECOND DIVISION CLUBS. |          |             |           |             |            | Grand Total of Victories. | Grand Total of Defeats. | Per Cent of Victories. |     |       |      |
|-----------------------------|-----------------------|---------|---------------|------------|------------|-------------|------------------------|----------|-------------|-----------|-------------|------------|---------------------------|-------------------------|------------------------|-----|-------|------|
|                             | Brooklyn.             | Boston. | Philadelphia. | Baltimore. | St. Louis. | Cincinnati. | Pittsburgh.            | Chicago. | Louisville. | New York. | Washington. | Cleveland. |                           |                         |                        |     |       |      |
| Brooklyn.....               | ..                    | 8       | 8             | 8          | 8          | 7           | 39                     | 8        | 8           | 11        | 10          | 11         | 14                        | 62                      | 101                    | 47  | .682* |      |
| Boston.....                 | 6                     | ..      | 5             | 7          | 8          | 10          | 36                     | 10       | 5           | 9         | 12          | 12         | 11                        | 59                      | 95                     | 57  | .626  |      |
| Philadelphia.....           | 6                     | 6       | 9             | ..         | 7          | 7           | 10                     | 39       | 6           | 9         | 6           | 10         | 12                        | 12                      | 55                     | 94  | 58    | .618 |
| Baltimore.....              | 6                     | 6       | 7             | 6          | ..         | 8           | 4                      | 31       | 9           | 9         | 6           | 10         | 9                         | 12                      | 55                     | 86  | 62    | .581 |
| St. Louis.....              | 4                     | 6       | 6             | 7          | 6          | 5           | 8                      | 31       | 7           | 6         | 9           | 10         | 8                         | 13                      | 53                     | 84  | 67    | .556 |
| Cincinnati.....             | 6                     | 4       | 4             | 4          | 9          | ..          | 28                     | 10       | 6           | 8         | 9           | 8          | 14                        | 53                      | 83                     | 67  | .553  |      |
| Defeats.....                | 28                    | 34      | 30            | 37         | 36         | 39          | 204                    | 50       | 43          | 49        | 61          | 60         | 76                        | 339                     | 543                    | 358 | ..    |      |
| Pittsburgh.....             | 6                     | 4       | 8             | 3          | 7          | 3           | 31                     | ..       | 7           | 8         | 7           | 11         | 12                        | 45                      | 76                     | 73  | .510  |      |
| Chicago.....                | 5                     | 7       | 5             | 5          | 8          | 8           | 38                     | 6        | ..          | 7         | 7           | 4          | 13                        | 37                      | 75                     | 73  | .507  |      |
| Louisville.....             | 3                     | 5       | 7             | 7          | 5          | 6           | 33                     | 6        | 7           | ..        | 7           | 12         | 10                        | 42                      | 75                     | 77  | .483  |      |
| New York.....               | 2                     | 2       | 4             | 4          | 4          | 5           | 21                     | 6        | 6           | 7         | ..          | 7          | 13                        | 39                      | 60                     | 90  | .400  |      |
| Washington.....             | 3                     | 2       | 2             | 4          | 6          | 6           | 23                     | 3        | 9           | 2         | 7           | ..         | 10                        | 31                      | 54                     | 98  | .355  |      |
| Cleveland.....              | 0                     | 3       | 2             | 2          | 2          | 1           | 0                      | 8        | 2           | 1         | 4           | 1          | 4                         | ..                      | 12                     | 20  | 134   | .130 |
| Defeats.....                | 19                    | 23      | 28            | 26         | 31         | 28          | 154                    | 23       | 30          | 28        | 29          | 38         | 58                        | 206                     | 360                    | 545 | ..    |      |
| Grand total of defeats..... | 47                    | 57      | 58            | 62         | 67         | 67          | 358                    | 73       | 73          | 77        | 90          | 98         | 134                       | 545                     | 903                    | 903 | ..    |      |

\* By a decision of the Board of Arbitration rendered on October 26, 1899, the Brooklyn club had its official record of October 15 changed through throwing out of the record nine of its championship victories and five of its defeats, a result due to a misunderstanding of the League law in the case of playing Wrigley in their September and October games. But the forfeiture of the games did not change the relative position of the Brooklyn club in the pennant race record, nor those of the clubs which played against the Brooklyn with Wrigley in the latter's team, though it did change the percentage figures of each, but only to a slight extent.

It will be seen that while the Brooklyn and Philadelphia clubs were tied in victories over first division clubs, Brooklyn was charged with the fewer defeats at the hands of the clubs of the first division, and in both respects the Brooklyn team led the Boston team by having more victories and fewer defeats. In first division club games, therefore, while Brooklyn bore off the palm, Philadelphia was second and Boston third. In victories over second division clubs, however, while Brooklyn led, Boston was second and Philadelphia third. In the aggregate Boston secured second place in the race and Philadelphia had to be content with third place.

The inter-sectional campaign in the pennant-race arena was a one-sided affair, as it has been for several years past, the six Eastern teams defeating their six Western opponents by the record of 284 victories to the West's 206. Brooklyn led the Eastern contingent, and St. Louis and Louisville were tied for the lead on the part of the West, the respective tail-enders being Washington and Cleveland. Here is the record in full:

EAST VS. WEST RECORD FOR 1899.

| EASTERN CLUBS.<br>RECORD. | Victories. | Defeats. | Played. | Per Cent of<br>Victories. | WESTERN CLUBS.<br>RECORD. |          |         |                           |      |
|---------------------------|------------|----------|---------|---------------------------|---------------------------|----------|---------|---------------------------|------|
|                           |            |          |         |                           | Victories.                | Defeats. | Played. | Per Cent of<br>Victories. |      |
| Brooklyn.....             | 56         | 24       | 80      | .700                      | St. Louis.....            | 41       | 41      | 82                        | .500 |
| Boston.....               | 53         | 29       | 82      | .646                      | Louisville.....           | 41       | 41      | 82                        | .500 |
| Philadelphia.....         | 50         | 33       | 83      | .602                      | Cincinnati.....           | 40       | 42      | 82                        | .488 |
| Baltimore.....            | 48         | 32       | 80      | .600                      | Pittsburgh.....           | 39       | 42      | 81                        | .481 |
| New York.....             | 41         | 41       | 82      | .500                      | Chicago.....              | 33       | 46      | 79                        | .418 |
| Washington.....           | 36         | 47       | 83      | .431                      | Cleveland.....            | 12       | 72      | 84                        | .143 |
| Totals.....               | 284        | 206      | 490     | ..                        | Totals.....               | 206      | 284     | 490                       | ..   |

The success of the Brooklyn club in winning the League pennant in 1899 gives the club the unique record of being a four-times winner of pennant races. The club began its career in 1883 by winning the Interstate League's pennant of that year, and it ended its American Association membership in 1889 by winning that organization's pennant. Then it began its National League history by winning that League's pennant race the first year of its membership, and in 1899 won the major League's pennant race. Here is the Brooklyn Club's pennant-winning record from 1883 to 1899 inclusive:

THE BROOKLYN CLUB'S RECORD.

| YEAR.     | Club.         | Manager.           | Won. | Lost. | Played. | Per Cent. |
|-----------|---------------|--------------------|------|-------|---------|-----------|
|           |               |                    |      |       |         |           |
| 1889..... | Brooklyn..... | W. McGinnigle..... | 93   | 44    | 137     | .679      |
| 1890..... | Brooklyn..... | W. McGinnigle..... | 86   | 43    | 129     | .667      |
| 1899..... | Brooklyn..... | E. Hanlon.....     | 101  | 47    | 148     | .682      |

The only four-times winners of pennant races in four successive years known to League history were the old "Boston Red Stockings," of the decade of the seventies, and the "St. Louis Browns," of the eighties, the respective records of the two clubs being as follows:

THE BOSTON RED STOCKINGS' RECORD.

| YEAR.    | Club.     | Manager.      | Won. | Lost. | Pla'd. | Per Ct. |
|----------|-----------|---------------|------|-------|--------|---------|
| 1872.... | Boston... | H. Wright.... | 39   | 8     | 47     | .830    |
| 1873.... | Boston... | H. Wright.... | 43   | 16    | 59     | .728    |
| 1874.... | Boston... | H. Wright.... | 43   | 17    | 60     | .717    |
| 1875.... | Boston... | H. Wright.... | 71   | 8     | 79     | .809    |

THE ST. LOUIS BROWNS' RECORD.

| YEAR.    | Club.      | Manager.    | Won. | Lost. | Pla'd. | Per Ct. |
|----------|------------|-------------|------|-------|--------|---------|
| 1855.... | St. Louis. | W. Comiskey | 79   | 33    | 112    | .705    |
| 1886.... | St. Louis. | W. Comiskey | 93   | 46    | 139    | .669    |
| 1887.... | St. Louis. | W. Comiskey | 95   | 40    | 135    | .704    |
| 1888.... | St. Louis. | W. Comiskey | 92   | 43    | 135    | .681    |

The following table shows which player excelled in each department of the game. Thus it will be seen that Delehanty led in having the best base-hit average; Ely in making the most sacrifice hits; McGraw in excelling in stealing bases; Hughes in having the best percentage of victories in games pitched in, and Peitz the best catching record, while the leaders in the four infield and three outfield positions were Beckley, McPhee, Cross, Davis, as infielders, and Kelley, Brodie, and Keeler in the outfield, no player being named for any position (except the pitcher and catcher) who had not played in at least 100 games:

| DEPARTMENT OF THE GAME. | Player.        | Position. | Club.             | Games Played. | Base Hit Percentage. | Fielding Percentage. | Total Runs. | Total Stolen Bases. | Total Sacrifice Hits. |
|-------------------------|----------------|-----------|-------------------|---------------|----------------------|----------------------|-------------|---------------------|-----------------------|
| Base Hits.....          | Delehanty..... | L.F.      | Philadelphia..... | 145           | .408                 | .971                 | 133         | 38                  | 5                     |
| Sacrifice Hits.....     | Ely.....       | S.S.      | Pittsburgh.....   | 138           | .288                 | .932                 | 64          | 9                   | 29                    |
| Base-Running.....       | McGraw.....    | 3B.       | Baltimore.....    | 118           | .390                 | .943                 | 140         | 73                  | 2                     |
| Fielding.....           | Beckley.....   | 1B.       | Cincinnati.....   | 135           | .333                 | .987                 | 59          | 11                  | 9                     |
| Fielding.....           | McPhee.....    | 3B.       | Cincinnati.....   | 106           | .293                 | .953                 | 58          | 20                  | 8                     |
| Fielding.....           | Cross.....     | 3B.       | St. Louis.....    | 141           | .292                 | .957                 | 77          | 16                  | 8                     |
| Fielding.....           | Davis.....     | S.S.      | New York.....     | 111           | .348                 | .944                 | 69          | 38                  | 8                     |
| Fielding.....           | Kelley.....    | L.F.      | Brooklyn.....     | 144           | .329                 | .976                 | 107         | 31                  | 11                    |
| Fielding.....           | Brodie.....    | C.F.      | Baltimore.....    | 138           | .309                 | .982                 | 80          | 20                  | 17                    |
| Fielding.....           | Keeler.....    | R.F.      | Brooklyn.....     | 143           | .376                 | .970                 | 141         | 44                  | 17                    |
| Pitching.....           | Hughes.....    | P.        | Brooklyn.....     | 35            | .261                 | ..                   | 17          | 1                   | 2                     |
| Catching.....           | Peitz.....     | C.        | Cincinnati.....   | 91            | .271                 | .953                 | 45          | 9                   | 10                    |

The official statistics of the League's championship season of 1899 are, of course, too voluminous for the reviewing article of the ALMANAC. We give below an analysis of the batting, base-running, fielding, and pitching of the League campaign, showing which the ten leading players are in batting, base-running, and fielding averages, as also the list of the single players who led in each position of the game for the entire season. Here is the list of the ten players who have played in 100 games and

over, giving their base-hit percentages and also those of their fielding, their names being given in the order of their base-hit averages:

| PLAYERS.          | Position. | Clubs.            | Games Played. | Per Cent of Base Hits. | Fielding Percentage. | PLAYERS.         | Position. | Clubs.          | Games Played. | Per Cent of Base Hits. | Fielding Percentage. |
|-------------------|-----------|-------------------|---------------|------------------------|----------------------|------------------|-----------|-----------------|---------------|------------------------|----------------------|
| 1. Delehanty..... | L. F.     | Philadelphia..... | 145           | .408                   | .971                 | 6. Williams..... | 3B.       | Pittsburgh..... | 153           | .352                   | .898                 |
| 2. Burkett.....   | L. F.     | St. Louis.....    | 138           | .402                   | .933                 | 7. Tenney.....   | 1B.       | Boston.....     | 150           | .350                   | .976                 |
| 3. McGraw.....    | 3B.       | Baltimore.....    | 118           | .390                   | .943                 | 8. Beaumont..... | C. F.     | Pittsburgh..... | 104           | .350                   | .926                 |
| 4. Keeler.....    | R. F.     | Brooklyn.....     | 144           | .376                   | .970                 | 9. Clarke.....   | L. F.     | Louisville..... | 117           | .348                   | .963                 |
| 5. Wagner.....    | 3B.       | Louisville.....   | 143           | .359                   | .907                 | 10. Davis.....   | S. S.     | New York.....   | 111           | .348                   | .944                 |

The table showing which were the first ten of the season of 1899 in base-stealing, run-getting, and in sacrifice hits is appended, the names being given in the order of their percentage per game:

| Rank. | PLAYERS.        | Position.   | Clubs.     | Games Played. | Per Cent of Stolen Bases Per Game. | Rank.           | PLAYERS.    | Position.   | Clubs.     | Games Played. | Per Cent of Runs Scored Per Game. | Rank.      | PLAYERS.        | Position.   | Clubs.      | Games Played. | Per Cent of Sacrifice Hits Per Game. |
|-------|-----------------|-------------|------------|---------------|------------------------------------|-----------------|-------------|-------------|------------|---------------|-----------------------------------|------------|-----------------|-------------|-------------|---------------|--------------------------------------|
| 1     | McGraw....      | 3B          | Baltimore. | 118           | .6186                              | 1               | McGraw....  | 3B          | Baltimore. | 118           | 1.1684                            | 1          | Ely.....        | S S         | Pittsburgh  | 138           | .9101                                |
| 2     | Sheekard....    | R F         | Baltimore. | 147           | .5170                              | 2               | Keeler....  | R F         | Brooklyn.  | 143           | .9580                             | 2          | McCarthy...     | L F         | Pittsburgh  | 139           | .1863                                |
| 3     | Langa.....      | C F         | Chicago... | 107           | .4219                              | 3               | Delehanty.. | L F         | Philadel'a | 145           | .9172                             | 3          | Long.....       | S S         | Boston...   | 145           | .1734                                |
| 4     | Mertes.....     | L F         | Chicago... | 109           | .3944                              | 4               | Thomas....  | C F         | Philadel'a | 148           | .9121                             | 4          | Cross.....      | 3B          | St. Louis.. | 153           | .1634                                |
| 5     | Heidrick... R F | St. Louis.. | 147        | .3877         | 5                                  | Stahl.....      | R F         | Boston...   | 149        | .8527         | 5                                 | Thomas.... | C F             | Philadel'a  | 148         | .1597         |                                      |
| 6     | Holmes.... L F  | Baltimore.  | 138        | .3405         | 6                                  | Clarke....      | L F         | Louisville. | 147        | .8435         | 6                                 | Tenney.... | 1B              | Boston...   | 150         | .1566         |                                      |
| 7     | Thomas.... C F  | Philadel'a  | 148        | .3378         | 7                                  | Williams... B F | Pittsburgh  | 153         | .8327      | 7             | Selbach....                       | F          | Cincinnati      | 139         | .1438       |               |                                      |
| 8     | Clarke.... L F  | Louisville. | 147        | .3197         | 8                                  | Burkett....     | L F         | St. Louis.. | 138        | .8333         | 8                                 | Ritchey... | 2B              | Louisville. | 147         | .1428         |                                      |
| 9     | DeMont'ville    | 2B          | Baltimore. | 143           | .3153                              | 9               | McGann....  | 1B          | Wash'ton.  | 138           | .8333                             | 9          | Heidrick... R F | St. Louis.. | 147         | .1360         |                                      |
| 10    | Keeler..... R F | Brooklyn.   | 143        | .3076         | 10                                 | Van Haltren.    | C F         | New York.   | 153        | .7777         | 10                                | Lowe.....  | 2B              | Boston...   | 152         | .1240         |                                      |

THE MINOR LEAGUE ARENA.

Financial success was not a feature of the minor league campaign of 1899, with perhaps a few exceptions, this result being mainly due to the great business fault of the clubs in paying too large salaries in proportion to the paying circuits of most of the leagues. They established salary boundary lines, too, for the clubs and then failed to live up to them. Moreover, they followed the bad example of the major League as regards the abuse of "kicking," and this acted as another drawback to financial profit for their club investments, the general result being that only a minority lived up to their schedule engagements the season through. A consequence of this was that there were several of the minor leagues which disbanded before the season was half over. The record of the minor leagues which finished the season with most of their clubs intact is as follows:

| LEAGUE.          | Winning Club.     | Won. | Lost. | Per Cent. | Tail-End Club.    | Difference in Points. |
|------------------|-------------------|------|-------|-----------|-------------------|-----------------------|
| Western.....     | Indianapolis..... | 75   | 47    | .615      | Buffalo.....      | .184                  |
| Eastern.....     | Rochester.....    | 72   | 44    | .621      | Syracuse.....     | .257                  |
| New England..... | Newport.....      | ..   | ..    | ..        | Taunton.....      | .450                  |
| Atlantic.....    | Richmond.....     | 50   | 16    | .758      | Pateron.....      | .534                  |
| Interstate.....  | New Castle.....   | 87   | 53    | .621      | Grand Rapids..... | .271                  |

The International, Canadian, Indiana, Indiana, Illinois, and Southern, Western Association, and Texas Leagues all failed to finish their respective seasons.

Of the State Leagues, the Connecticut and New York were the most successful, the New Haven club winning the former and Rome the latter. The California League did not close its season of 1899 until THE WORLD ALMANAC had gone to press, and at that time the Sacramento Club held the lead. In November, 1899, the Western League changed its name to the American League, and this ably managed organization, together with the Eastern League, will lead the minor leagues in 1900, as in the past.

THE COLLEGE CLUB RECORDS.

More college club teams took part in the amateur campaign of 1899 than ever before, the university teams in the South and West showing up to better advantage than hitherto. In the East the interest in the college arena was monopolized by the annual contests between the Harvard, Yale, and Princeton University teams, their championship record giving the palm to Princeton, as will be seen by the appended record:

| DATE.   | Contesting Clubs.          | Where Played.  | Pitchers.                 | Innings. | Score. |
|---------|----------------------------|----------------|---------------------------|----------|--------|
| May 13  | Princeton vs. Harvard..... | Princeton..... | Hildebrand—Morse.....     | 9        | 10—2   |
| May 27  | Princeton vs. Harvard..... | Cambridge..... | Hildebrand—Fitz.....      | 9        | 12—2   |
| June 3  | Yale vs. Princeton.....    | New Haven..... | Robertson—Hildebrand..... | 9        | 8—0    |
| June 10 | Princeton vs. Yale.....    | Princeton..... | Hildebrand—Robertson..... | 9        | 6—2    |
| June 17 | Princeton vs. Yale.....    | New York.....  | Hildebrand—Cook.....      | 9        | 11—4   |
| June 22 | Yale vs. Harvard.....      | Cambridge..... | Robertson—Fitz.....       | 9        | 2—0    |
| June 27 | Harvard vs. Yale.....      | New Haven..... | Fitz—Robertson.....       | 9        | 4—3    |
| July 1  | Harvard vs. Yale.....      | New York.....  | Morse—Robertson.....      | 9        | 13—10  |

The summary of the above games is appended:

| CLUBS.         | Princeton. | Yale. | Harvard. | Victories. | Per Cent of Victories. |
|----------------|------------|-------|----------|------------|------------------------|
| Princeton..... | ..         | 2     | 2        | 4          | .800                   |
| Harvard.....   | 0          | 1     | 2        | 2          | .400                   |
| Yale.....      | 1          | 1     | ..       | 2          | .333                   |
| Defeats.....   | 1          | 3     | 4        | 8          | ....                   |

## University Boat-Racing.

### INTERNATIONAL RACES.

- 1869, August 27 Oxford (Eng.) four beat Harvard (Am.) four over the Putney-Mortlake course on the Thames by three clear lengths. Time, 22.20 4-5.
- 1876 August 28, 29. Four-oared crews of Yale and Columbia (Am.), First Trinity, Cambridge (Eng.) and Dublin (Ire.) rowed in the open amateur race at the Centennial Regatta, Philadelphia. In a mile and a half, straightaway, with a slight current, Dublin was beaten in the first round and Yale and First Trinity in the second round, while Columbia withdrew.
- 1876, September 1. Over the same course, in the International Inter-University race, Yale won in 9.10 $\frac{1}{2}$ , with Columbia second in 9.20, while First Trinity did not finish, one of the crew fainting half-way down the course.
- 1878, July 4. At the Henley-on-Thames Royal Regatta, one mile and five-sixteenths, against a slight current, four-oared crews of Columbia (Am.) and Dublin (Ire.) were beaten in the first trial heat for the Stewards' Cup.
- 1878, July 4, 5. At the same regatta Columbia won the Visitors' Challenge Inter-University race in 8.42, beating Univ. College, Oxford; Jesus College, Cambridge, and Hertford College, Oxford.
- 1881, July 2. At Henley-on-Thames (Eng.), one mile and five-sixteenths, against a slight current, match between four-oared crews of Hertford College, Oxford University (Eng.), and Cornell Univ. (Am.), Hertford won easily. Cornell running into the bank when behind, near the finish.
- 1895, July 9, 10. Henley-on-Thames Royal Regatta, one mile and five-sixteenths, against a slight current, race for the Grand Challenge Cup in eight-oared shells. In the first round Cornell University (Am.) rowed over alone, Leander Rowing Club failing to start. In the second round Trinity Hall, Cambridge University (Eng.) beat Cornell by seven lengths in 7.15.
- 1896, July 7. Henley-on-Thames Royal Regatta, one mile and five-sixteenths, against a slight current, eight-oared shells, for the Grand Challenge Cup. Yale University (Am.) was beaten by Leander Rowing Club (Eng.) in first round of trial heats.

### HARVARD AND YALE UNIVERSITY EIGHTS.

The Harvard and Yale University eights have rowed as follows—distance, four miles straight:

| DATE.              | Course.                | Winner.     | Time.               | Loser.      | Time.               |
|--------------------|------------------------|-------------|---------------------|-------------|---------------------|
| June 30, 1876..... | Springfield, Mass..... | Yale.....   | 22.02               | Harvard.... | 22.33               |
| June 30, 1877..... | ".....                 | Harvard.... | 24.36               | Yale.....   | 24.44               |
| June 28, 1878..... | New London, Ct.....    | ".....      | 20.44 $\frac{1}{2}$ | ".....      | 21.29               |
| June 27, 1879..... | ".....                 | ".....      | 22.15               | ".....      | 23.58               |
| July 1, 1880.....  | ".....                 | Yale.....   | 24.27               | Harvard.... | 25.09               |
| July 1, 1881.....  | ".....                 | ".....      | 22.13               | ".....      | 22.19               |
| June 30, 1882..... | ".....                 | Harvard.... | 20.47               | Yale.....   | 20.50 $\frac{1}{2}$ |
| June 28, 1883..... | ".....                 | ".....      | 24.26               | ".....      | 25.59               |
| June 26, 1884..... | ".....                 | Yale.....   | 20.31               | Harvard.... | 20.46               |
| June 26, 1885..... | ".....                 | Harvard.... | 25.15 $\frac{1}{2}$ | Yale.....   | 26.30               |
| July 2, 1886.....  | ".....                 | Yale.....   | 20.41 $\frac{1}{2}$ | Harvard.... | 21.05 $\frac{1}{2}$ |
| July 1, 1887.....  | ".....                 | ".....      | 22.56               | ".....      | 23.10 $\frac{1}{2}$ |
| June 29, 1888..... | ".....                 | ".....      | 20.10               | ".....      | 21.24               |
| June 29, 1889..... | ".....                 | ".....      | 21.30               | ".....      | 21.55               |
| June 27, 1890..... | ".....                 | ".....      | 21.29               | ".....      | 21.40               |
| June 26, 1891..... | ".....                 | Harvard.... | 21.23               | Yale.....   | 21.57               |
| July 1, 1892.....  | ".....                 | Yale.....   | 20.48               | Harvard.... | 21.42 $\frac{1}{2}$ |
| June 30, 1893..... | ".....                 | ".....      | 25.01 $\frac{1}{2}$ | ".....      | 25.15               |
| June 28, 1894..... | ".....                 | ".....      | 22.47               | ".....      | 24.40               |
| June 28, 1895..... | ".....                 | ".....      | 21.30               | ".....      | 22.05               |
| June 29, 1899..... | ".....                 | Harvard.... | 20.52 $\frac{1}{2}$ | Yale.....   | 21.13               |

### HARVARD AND YALE—PREVIOUS RACES.

Previous races in which Harvard and Yale have rowed are summarized as follows:

- 1852, August 3. Lake Winipiseogee, Centre Harbor, N. H., two miles straight to windward, in eight-oared barges, class of 1853, Onelda, of Harvard, beat Halcyon, of Yale, two lengths.
- 1855, July 21. Connecticut River, at Springfield, three miles with a turn, barges Iris (eight-oared) and Y. Y. (four-oared), of Harvard, beat Nereid and Nautilus (both sixes), of Yale. Alowances, 11 seconds per oar. Time: Iris, 22m.; Y. Y., 22.03; Nereid, 23.38, and Nautilus, 24.38.
- 1858, no race. George E. Dunham, stroke of the Yale crew, was drowned at Springfield, six days before the race, in a collision while at practice.
- 1859, July 26. Lake Quinsigamond, Worcester, Mass., three miles with a turn, Harvard shell, 19.18; Yale shell, 20.18. Harvard lapstreak, Avon, 21.13; Brown lapstreak, Atlanta, 24.40. Same course, July 27, in Citizens' Regatta, Yale shell, 19.14; Harvard, 19.16.
- 1860, July 24. Lake Quinsigamond, Harvard, 18.53; Yale, 19.05; Brown, 21.15.

There were no further races until 1864, when they were renewed by University six-oared crews, at three miles with a turn, and with the following results:

| DATE.              | Course.                | Winner.     | Time.               | Loser.      | Time.               |
|--------------------|------------------------|-------------|---------------------|-------------|---------------------|
| July 29, 1864..... | Lake Quinsigamond..... | Yale.....   | 19.01               | Harvard.... | 19.43 $\frac{1}{2}$ |
| July 28, 1865..... | ".....                 | ".....      | 17.42 $\frac{1}{2}$ | ".....      | 18.09               |
| July 27, 1866..... | ".....                 | Harvard.... | 18.43               | Yale.....   | 19.10               |
| July 19, 1867..... | ".....                 | ".....      | 18.13               | ".....      | 19.25 $\frac{1}{2}$ |
| July 24, 1868..... | ".....                 | ".....      | 17.48 $\frac{1}{2}$ | ".....      | 18.35 $\frac{1}{2}$ |
| July 23, 1869..... | ".....                 | ".....      | 18.02               | ".....      | 18.11               |
| July 22, 1870..... | Lake Saltonstall.....  | ".....      | (Foul)              | ".....      | Disq.               |

In 1871 was begun what were then known as the Inter-University Races, in which Harvard and Yale were contestants.

- 1871, July 21. At Springfield, three miles straight, Massachusetts Agricultural, 16.46 $\frac{1}{2}$ ; Harvard, 17.23 $\frac{1}{2}$ ; Brown, 17.47 $\frac{1}{2}$ .
- 1872, July 24. At Springfield, same course, Amherst, 16.33; Harvard, 16.57; Amherst Agricultural, 17.10; Bowdoin, 17.31; Williams, 17.59; Yale, 18.13.

## UNIVERSITY BOAT-RACING—Continued.

- 1873, July 17. At Springfield, same course, Yale, 16.59; Wesleyan, 17.09; Harvard, 17.36½; Amherst, 17.40; Dartmouth, 18.07; Columbia, 18.16; Massachusetts Agricultural, 18.26½; Cornell, 18.32; Bowdoin, 18.49½; Trinity, 19.32; Williams, 19.45.
- 1874, July 18. At Saratoga, N. Y., three miles straight, Columbia, 16.42; Wesleyan, 16.50; Harvard, 16.54; Williams, 17.08; Cornell, 17.31; Dartmouth, 18.00; Trinity, 18.23; Princeton, 18.38; Yale fouled and was withdrawn.
- 1875, July 14. At Saratoga, N. Y., Cornell, 16.53½; Columbia, 17.04½; Harvard, 17.05; Dartmouth, 17.10½; Wesleyan, 17.13½; Yale, 17.14½; Amherst, 17.29½; Brown, 17.33½; Williams, 17.43½; Bowdoin, 17.50½; Hamilton and Union not timed; Princeton was withdrawn.
- 1876, July 19. At Saratoga, N. Y., Cornell, 17.01½; Harvard, 17.05½; Columbia, 17.08½; Union, 17.27½; Wesleyan, 17.58½; Princeton, 18.10. Yale refused to enter, but rowed Harvard an eight-oared race.

## FRESHMEN EIGHTS.

Previous to 1880 a number of races were rowed by "Freshmen" crews of the several universities and colleges, with six oars. In 1880 an agreement was entered into by Harvard and Columbia to row an eight-oared race annually at two miles straightaway. Subsequently, first Yale, then Cornell, and finally University of Pennsylvania were admitted to these races, and after 1885 each annual contest was between some two, three, or four of these five universities.

| DATE               | Course.                  | Winner.       | Time.    | Loser.          | Time.     |
|--------------------|--------------------------|---------------|----------|-----------------|-----------|
| July 7, 1880.....  | New London, Ct.....      | Harvard.....  | 11.32    | Columbia.....   | 11.37     |
| June 30, 1881..... | Back Bay, Boston.....    | .....         | 9.05¾    | .....           | 9.21¾     |
| July 1, 1882.....  | Harlem River, N. Y.....  | Columbia..... | 10.56    | Harvard.....    | 11.10     |
| June 27, 1883..... | New London, Ct.....      | Harvard.....  | 11.03    | Columbia.....   | 11.22     |
| June 26, 1884..... | .....                    | Columbia..... | 9.43¾    | Harvard.....    | 9.54      |
| June 25, 1885..... | .....                    | Harvard.....  | 12.22    | Columbia.....   | 13.12     |
| July 1, 1886.....  | .....                    | .....         | 11.53    | .....           | 12.10     |
| June 30, 1887..... | .....                    | Columbia..... | 11.13¾   | Harvard.....    | 11.35     |
| June 28, 1888..... | .....                    | .....         | 11.54    | .....           | 12.08     |
| June 27, 1889..... | .....                    | Harvard.....  | 12.21    | Columbia.....   | 12.28     |
| June 24, 1890..... | .....                    | Cornell.....  | 11.06¾   | { Yale.....     | 11.25     |
| June 27, 1890..... | .....                    | Columbia..... | 10.54    | { Columbia..... | 11.29     |
| June 24, 1891..... | .....                    | .....         | 9.41     | { Harvard.....  | 9.53¾     |
| June 9, 1892.....  | Ithaca, N. Y.....        | Cornell.....  | 10.56    | { Columbia..... | 11.24     |
| July 1, 1892.....  | New London, Ct.....      | Yale.....     | 12.03¾   | { Columbia..... | 12.20     |
| June 28, 1893..... | .....                    | .....         | 10.23    | { Harvard.....  | 12.28     |
| June 28, 1894..... | .....                    | .....         | 11.15    | { Columbia..... | 10.47     |
| June 27, 1895..... | .....                    | .....         | 10.28    | { Harvard.....  | 11.02     |
| June 25, 1896..... | Poughkeepsie, N. Y.....  | Cornell.....  | 10.18    | { Columbia..... | 11.24     |
| June 23, 1897..... | .....                    | Yale.....     | 9.19½    | { Harvard.....  | 11.56     |
| June 30, 1897..... | .....                    | Cornell.....  | 9.211-5  | { Columbia..... | 10.33     |
| June 23, 1898..... | New London, Ct.....      | Yale.....     | 11.223-5 | { Harvard.....  | 11.18¾    |
| July 2, 1898.....  | Saratoga Lake, N. Y..... | Cornell.....  | 10.573-5 | { Harvard.....  | 10.22     |
| June 26, 1899..... | Poughkeepsie, N. Y.....  | .....         | 9.55     | { U. of P.....  | 10.26½    |
| June 29, 1899..... | New London, Ct.....      | Harvard.....  | 9.33¾    | { Columbia..... | 10.51     |
|                    |                          |               |          | { Harvard.....  | 9.26¾     |
|                    |                          |               |          | { Cornell.....  | 9.29½     |
|                    |                          |               |          | { Columbia..... | 9.22 3-5  |
|                    |                          |               |          | { U. of P.....  | 9.23 1-5  |
|                    |                          |               |          | { Harvard.....  | 11.23 1-5 |
|                    |                          |               |          | { Cornell.....  | 11.26¾    |
|                    |                          |               |          | { Columbia..... | 11.12     |
|                    |                          |               |          | { U. of P.....  | 11.13     |
|                    |                          |               |          | { Columbia..... | 10.00     |
|                    |                          |               |          | { U. of P.....  | 10.10     |
|                    |                          |               |          | { Yale.....     | 9.40¾     |

\*Yale sank at half-way.

## INTERCOLLEGIATE ROWING ASSOCIATION.

In 1883 and afterward a race for fours was rowed at a mile and a half straight, under the auspices of the Intercollegiate Rowing Association.

- 1883, July 4. At Lake George, N. Y., Cornell, 11.57; University of Pennsylvania, 12.29; Princeton, 12.40; Wesleyan, 12.47.
- 1884, July 7. At Saratoga, N. Y., University of Pennsylvania, 8.39¾; Cornell, 8.41; Princeton, 8.49; Columbia, 9.25, and Bowdoin, not timed.
- 1885, July 4. At Lake Quinsigamond (Worcester), Mass., Cornell finished first in 9.10½, followed by Brown, Bowdoin, and University of Pennsylvania. Referee decided Cornell disqualified for a foul, ordered Brown and Bowdoin to row over, and placed University of Pennsylvania third.
- 1886, July 3. At Lake George, N. Y., Bowdoin, 8.26; Brown, second.
- 1887, July 5. At Lake Quinsigamond, Cornell defeated Bowdoin by 2 feet, in 9.28¾.

## SUBSEQUENT INTER-UNIVERSITY RACES.

- After the demise of the Intercollegiate Rowing Association races were rowed as follows:
- 1889, June 27. A match between Cornell, Columbia, and University of Pennsylvania, in eight oared shells, was rowed at three miles over the New London course, from Winthrop's point, up river, Cornell winning somewhat easily. Columbia second. Time not accurately taken, owing to darkness. Said to be between 15.3 and 16.4.

UNIVERSITY BOAT-RACING—Continued.

- 1890, June 26. Cornell defeated University of Pennsylvania by six lengths in a three-mile race at New London. Time, 14.43.
- 1891, June 25. Cornell defeated University of Pennsylvania by six and Columbia by thirteen lengths in a three-mile race at New London. The time, 14.27½, breaks record.
- 1892, June 15. Cornell defeated University of Pennsylvania by six lengths in a three-mile race at Ithaca. The time was 17.26.
- 1893, July 8. Cornell defeated University of Pennsylvania in a four-mile race at Lake Minnetonka. The time was 23.52.
- 1894, June 16. Cornell defeated University of Pennsylvania in a four-mile race by two and a half lengths on the Delaware. Time, 21 12½.
- 1895, June 24. Columbia defeated Cornell in a four-mile race by six lengths on the Hudson River at Poughkeepsie. Time, 21.25. University of Pennsylvania did not enter on account of a damaged boat.
- 1896, June 26. At Poughkeepsie. Cornell, 19.59; Harvard, 20.08; Pennsylvania, 20.18; Columbia, 21.25.
- 1897, May 29. On Lake Saltonstall, Ct., two miles straightaway, in still water, eight-oared shells. Yale, 10.54; University of Wisconsin, 11.04.
- 1897, June 25. At Poughkeepsie. Cornell, 20.34; Yale, 20.44; Harvard, 21.00.
- 1897, July 2. At Poughkeepsie. Cornell, 20.47 4-5; Columbia, 21.20 2-5. University of Pennsylvania swamped at half-way.
- 1898, June 23. On the Thames River, at New London, Ct., four miles straightaway, with the tide, eight-oared shells. Cornell, 23.48; Yale, 24.02; Harvard, 24.35.
- 1898, July 2. On Saratoga Lake, three miles straightaway, in still water, eight-oared shells. University of Pennsylvania, 15.51½; Cornell, 16.06. Univ. of Wisconsin, 16.10. Columbia, 16 21.
- 1899, June 27. At Poughkeepsie, four miles straightaway, with the tide. University of Pennsylvania, 20.04; University of Wisconsin, 20.05½; Cornell, 20.13; Columbia, 20.20.

THE NATIONAL REGATTA.

The twenty-seventh annual regatta of the National Association of Amateur Oarsmen was rowed on the Charles River, Boston, Mass., July 28 and 29. Course one mile and a half straightaway. The list of winners follows.

- Intermediate Single Sculls—F. B. Greer, East Boston, Mass. Time, 10.49.
- Association Single Sculls—John Rumohr, Rat Portage, Canada. Time, 10.25.
- Championship Senior Single Sculls—E. H. Ten Eyck, Worcester, Mass. Time, 10.16¾.
- Senior Pair-Oared Shells—Vesper B. C., Philadelphia, Pa. Time, 10.33.
- Intermediate Double Sculls—Jeffries Point R. A., East Boston, Mass. Time, 10.02¾.
- Senior Double Sculls—Wachusets B. C., Worcester, Mass. Time 9.19¾.
- Intermediate, Four-Oared Shells—New York Athletic Club, New York. Time, 9.42.
- Senior Four-Oared Shells—Pennsylvania Barge Club, Philadelphia, Pa. Time 8.45¾.
- Senior International Four-Oared Shells—Brockville R. C., Brockville, Ontario. Time, 9.10.
- Intermediate Eight-Oared Shells—Boston Athletic Association, Boston, Mass. Time, 8.04.
- Senior Eight-Oared Shells—Pennsylvania Barge Club, Philadelphia, Pa. Time, 7.40¼.

The Oxford-Cambridge Boat Races.

| YEAR. | Date.    | Winner.                 | Course.            | Time. |        | Won by      |
|-------|----------|-------------------------|--------------------|-------|--------|-------------|
|       |          |                         |                    | M.    | S.     |             |
| 1876  | April 8  | Cambridge               | Putney to Mortlake | 20    | 20     | Won easily. |
| 1877  | March 24 | { Oxford<br>Cambridge } | Putney to Mortlake | 24    | 8*     | Dead heat.  |
| 1878  | April 13 | Oxford                  | Putney to Mortlake | 22    | 13     | 10 lengths. |
| 1879  | April 5  | Cambridge               | Putney to Mortlake | 21    | 18     | 3¾ lengths. |
| 1880  | March 22 | Oxford                  | Putney to Mortlake | 21    | 23     | 3¾ lengths. |
| 1881  | April 8  | Oxford                  | Putney to Mortlake | 21    | 51     | 3 lengths.  |
| 1882  | April 1  | Oxford                  | Putney to Mortlake | 20    | 12     | 7 lengths.  |
| 1883  | March 15 | Oxford                  | Putney to Mortlake | 21    | 18     | 3¾ lengths. |
| 1884  | April 7  | Cambridge               | Putney to Mortlake | 21    | 39     | 2¼ lengths. |
| 1885  | March 28 | Oxford                  | Putney to Mortlake | 21    | 36     | 3 lengths.  |
| 1886  | April 3  | Cambridge               | Putney to Mortlake | 22    | 29     | ¾ length.   |
| 1887  | March 26 | Cambridge               | Putney to Mortlake | 20    | 52†    | 2½ lengths. |
| 1888  | March 24 | Cambridge               | Putney to Mortlake | 20    | 48     | 6 lengths.  |
| 1889  | March 30 | Cambridge               | Putney to Mortlake | 20    | 14     | 2½ lengths. |
| 1890  | March 20 | Oxford                  | Putney to Mortlake | 22    | 3      | 1 length.   |
| 1891  | March 21 | Oxford                  | Putney to Mortlake | 22    | 0      | ¼ length.   |
| 1892  | April 9  | Oxford                  | Putney to Mortlake | 19    | 21     | 2¼ lengths. |
| 1893  | March 22 | Oxford                  | Putney to Mortlake | 18    | 47     | 2½ lengths. |
| 1894  | March 17 | Oxford                  | Putney to Mortlake | 21    | 38     | 3½ lengths. |
| 1895  | March 29 | Oxford                  | Putney to Mortlake | 20    | 50     | 1½ lengths. |
| 1896  | March 28 | Oxford                  | Putney to Mortlake | 20    | 1      | ¾ length.   |
| 1897  | April 3  | Oxford                  | Putney to Mortlake | 19    | 11 4-5 | 2½ lengths. |
| 1898  | March 26 | Oxford                  | Putney to Mortlake | 22    | 15     | 12 lengths. |
| 1899  | March 25 | Cambridge               | Putney to Mortlake | 21    | 4      | 3¾ lengths. |

\* In 1877 the Oxford bow damaged his oar. † In 1887 Oxford No. 7 broke his oar.

## Cricket.

(Revised to December 1, 1899.)

THE season of 1899 finished with its customary series of international matches. Prince Ranjitsinhji brought over with him a team of English amateurs, undoubtedly the strongest that has visited this country; in fact, one of the best teams that it would be possible for any one to secure in England at the present time. The Prince is undoubtedly the foremost cricketer to-day, and he was fortunate in having among his team six other players worthy of a position on an All-England Eleven.

The schedule was short, only five games being played, but the team came over at such a late date that it was practically impossible to arrange more games. The Englishmen won three games in a most decisive manner. A summary of the games and the averages follow:

Sept. 25, 26, 27, at Elmwood, Philadelphia: Prince Ranjitsinhji's XI, 185; Philadelphia Colts' XXII, 205 and 95 for ten wickets. Sept. 29, 30, Oct. 2, at Haverford, Philadelphia: Prince Ranjitsinhji's XI, 435; Gentlemen of Philadelphia, 156 and 106. Oct. 4, 5, at Livingston, Staten Island, N. Y.: Prince Ranjitsinhji's XI, 330 New York XIV., 149 and 132 for ten wickets. Oct. 7, 9, 10, at Manheim, Philadelphia: Prince Ranjitsinhji's XI, 363; Gentlemen of Philadelphia, 85 and 147. Oct. 12, 13, at Toronto, Canada: Prince Ranjitsinhji's XI, 267 (declared for seven wickets); Canada, 87 and 174.

## BATTING AVERAGES.

| BATSMAN.               | Inns. | Not Out. | Most in Inns. | Runs. | Aver. | BATSMAN.               | Inns. | Not Out. | Most in Inns. | Runs. | Aver. |
|------------------------|-------|----------|---------------|-------|-------|------------------------|-------|----------|---------------|-------|-------|
| A. E. Stoddart.....    | 5     | 1        | 74            | 234   | 58.50 | C. I. Robson.....      | 5     | 2        | 41            | 85    | 28.33 |
| A. C. MacLaren.....    | 4     | 0        | 149           | 231   | 57.75 | C. L. Townsend.....    | 5     | 0        | 28            | 96    | 19.20 |
| K. S. Ranjitsinhji.... | 3     | 0        | 68            | 167   | 55.66 | S. M. J. Woods.....    | 4     | 0        | 33            | 48    | 12.00 |
| G. Brann.....          | 4     | 1        | 137*          | 150   | 50.00 | G. C. B. Llewellyn.... | 5     | 1        | 20*           | 39    | 9.75  |
| G. L. Jessop.....      | 5     | 0        | 66            | 201   | 40.20 | W. P. Robertson....    | 5     | 1        | 8*            | 10    | 2.50  |
| B. J. T. Bosanquet.... | 5     | 0        | 56            | 193   | 38.60 | A. Priestley.....      | ..    | ..       | ..            | ..    | ..    |

\* Not out.

## BOWLING AVERAGES.

| BOWLER.              | Balls. | Maid-ens. | Runs. | Wick-ets. | Aver. | BOWLER.              | Balls. | Maid-ens. | Runs. | Wick-ets. | Aver. |
|----------------------|--------|-----------|-------|-----------|-------|----------------------|--------|-----------|-------|-----------|-------|
| G. L. Jessop.....    | 582    | 55        | 129   | 24        | 5.37  | B. J. T. Bosanquet.. | 389    | 34        | 163   | 9         | 11.44 |
| G. Brann.....        | 55     | 5         | 11    | 2         | 5.50  | C. L. Townsend.....  | 225    | 13        | 91    | 7         | 13.00 |
| C. I. Robson.....    | 120    | 3         | 58    | 7         | 8.27  | S. M. J. Woods.....  | 465    | 29        | 210   | 13        | 16.15 |
| A. E. Stoddart.....  | 661    | 68        | 215   | 22        | 9.77  | K. S. Ranjitsinhji.. | 60     | 8         | 17    | 0         | .00   |
| G. C. B. Llewellyn.. | 776    | 66        | 245   | 22        | 11.13 | A. C. MacLaren.....  | 20     | 2         | 9     | 0         | .00   |

## UNITED STATES VS. CANADA.

The annual international cricket match between Canada and the United States was played on the grounds of the Rosedale Club, Toronto, Canada, August 7 and 8. The match was one of the most interesting and closely contested played in years, and resulted in a win for the United States team by 34 runs. The scores were as follows: United States, 206 and 219. Canada, 222 and 169.

## THE HALIFAX CUP.

The contests for the championship of the principal clubs of Philadelphia resulted as follows:

| CLUBS.          | Played. | Won. | Lost. | CLUBS.            | Played. | Won. | Lost. |
|-----------------|---------|------|-------|-------------------|---------|------|-------|
| Germantown..... | 16      | 12   | 4     | Philadelphia..... | 10      | 4    | 6     |
| Merion.....     | 10      | 6    | 4     | Radnor.....       | 10      | 0    | 10    |
| Belmont.....    | 10      | 6    | 4     |                   |         |      |       |

## METROPOLITAN DISTRICT LEAGUE.

In the Metropolitan District League series the summary for the season and the averages for the first ten men was as follows:

| CLUBS.               | Played. | Won. | Lost. | Drawn. | CLUBS.             | Played. | Won. | Lost. | Drawn. |
|----------------------|---------|------|-------|--------|--------------------|---------|------|-------|--------|
| K. A. C. (Team "A"). | *9      | 8    | 1     | 1      | Staten Island..... | 10      | 4    | 6     | 0      |
| K. A. C. (Team "B"). | *9      | 7    | 2     | 1      | New York.....      | 10      | 4    | 6     | 0      |
| Manhattan.....       | 10      | 5    | 3     | 2      | Newark.....        | *8      | 0    | 10    | 0      |

\* Newark Club forfeited one game to each of the Knickerbocker Clubs.

## LEAGUE BATTING AVERAGES.

| BATSMAN.                 | Inns. | Not Out. | Most in Inns. | Runs. | Aver. | BATSMAN.             | Inns. | Not Out. | Most in Inns. | Runs. | Aver. |
|--------------------------|-------|----------|---------------|-------|-------|----------------------|-------|----------|---------------|-------|-------|
| M. R. Cobb*.....         | 9     | 3        | 92            | 363   | 60.50 | F. W. T. Stiles*.... | 4     | 2        | 45            | 87    | 43.50 |
| C. P. Hurditch*.....     | 5     | 1        | 101           | 241   | 60.25 | C. H. Clarke*.....   | 9     | 1        | 86†           | 326   | 40.75 |
| J. F. Curran*.....       | 3     | 1        | 49            | 113   | 56.50 | F. P. Kelly*.....    | 5     | 2        | 49†           | 122   | 40.00 |
| H. C. Wright*.....       | 7     | 3        | 101†          | 207   | 51.75 | J. Forbes*.....      | 2     | 1        | 33            | 37    | 37.66 |
| C. E. H. Griffith, S. I. | 3     | 2        | 30†           | 61    | 51.00 | J. Adam, Manhattan   | 10    | 1        | 94†           | 300   | 33.33 |

\* Knickerbocker A. C. "A." † Knickerbocker A. C. "B." ‡ Not out.

## LEAGUE BOWLING AVERAGES.

| BOWLER.              | Balls. | Maid-ens. | Runs. | Wick-ets. | Aver. | BOWLER.               | Balls. | Maid-ens. | Runs. | Wick-ets. | Aver. |
|----------------------|--------|-----------|-------|-----------|-------|-----------------------|--------|-----------|-------|-----------|-------|
| J. E. Roberts, N. Y. | 313    | 12        | 119   | 22        | 5.40  | R. Bonner, S. I.....  | 199    | 3         | 106   | 11        | 9.63  |
| F. F. Kelly*.....    | 706    | 32        | 270   | 36        | 7.50  | J. Seignior, N. Y.... | 153    | 3         | 100   | 10        | 10.00 |
| A. Smedley†.....     | 173    | 7         | 62    | 8         | 7.75  | N. S. Walker, S. I..  | 448    | 12        | 219   | 20        | 10.95 |
| M. R. Cobb*.....     | 810    | 35        | 333   | 37        | 9.00  | J. H. Tattersall†.... | 571    | 21        | 216   | 19        | 11.57 |
| A. V. Clarke‡.....   | 531    | 22        | 258   | 28        | 9.21  | C. H. Clarke.....     | 672    | 17        | 392   | 32        | 11.62 |

\* Knickerbocker A. C. "A." † Manhattan. ‡ Knickerbocker A. C. "B."



CRICKET—Continued.

NEW YORK CRICKET ASSOCIATION.

The following are the records for the association championship series and the averages of the first ten men:

| CLUBS.               | Played. | Won. | Lost. | Drawn. | CLUBS.               | Played. | Won. | Lost. | Drawn. |
|----------------------|---------|------|-------|--------|----------------------|---------|------|-------|--------|
| Paterson (Team A)... | 10      | 8    | 0     | 2      | Manhattan II.....    | 10      | 2    | 4     | 4      |
| Kearny.....          | 10      | 5    | 3     | 2      | Kings County.....    | 10      | 2    | 6     | 2      |
| Brooklyn.....        | 10      | 4    | 4     | 2      | Paterson (Team B)... | 10      | 2    | 6     | 2      |

ASSOCIATION BATTING AVERAGES.

| BATSMAN.         | Inns. | Not Out. | Most in Inns. | Runs. | Aver. | BATSMAN.         | Inns. | Not Out. | Most in Inns. | Runs. | Aver. |
|------------------|-------|----------|---------------|-------|-------|------------------|-------|----------|---------------|-------|-------|
| A. Brown*        | 9     | 1        | 100           | 235   | 29.37 | G. Williams†     | 10    | 2        | 33            | 114   | 14.25 |
| W. Buncef.....   | 9     | 3        | 51            | 161   | 26.83 | J. Rose‡         | 6     | 1        | 30            | 66    | 18.20 |
| J. Pedlow*       | 9     | 0        | 55            | 181   | 20.11 | W. Clarkon†      | 10    | 2        | 24            | 99    | 12.39 |
| N. Graham†       | 6     | 1        | 23            | 75    | 15.00 | T. J. P. Kelley‡ | 8     | 1        | 26            | 79    | 11.28 |
| F. G. Warburton† | 10    | 0        | 50            | 149   | 14.90 | H. O. Wilkinson§ | 4     | 0        | 39            | 45    | 11.25 |

\* Brooklyn. † Paterson "A." ‡ Kings County. § Manhattan. ¶ Not out.

ASSOCIATION BOWLING AVERAGES.

| BOWLER.        | Balls. | Maid-ens. | Runs. | Wick-ets. | Aver. | BOWLER.        | Balls. | Maid-ens. | Runs. | Wick-ets. | Aver. |
|----------------|--------|-----------|-------|-----------|-------|----------------|--------|-----------|-------|-----------|-------|
| L. Livingston* | 238    | 9         | 58    | 27        | 2.14  | A. Rice*       | 438    | 14        | 159   | 25        | 6.36  |
| J. W. Hooper†  | 558    | 31        | 160   | 24        | 4.70  | A. G. Rainbow‡ | 585    | 11        | 267   | 40        | 6.67  |
| W. Dodd§       | 442    | 14        | 138   | 29        | 4.75  | M. McHale¶     | 204    | 6         | 87    | 13        | 6.69  |
| H. Rushton†    | 641    | 30        | 234   | 40        | 5.85  | W. S. Patmore  | 381    | 11        | 165   | 22        | 7.60  |
| J. W. Taylor‡  | 329    | 5         | 127   | 21        | 6.04  | A. Brown       | 843    | 10        | 157   | 20        | 7.85  |

\* Kearny. † Paterson "A." ‡ Manhattan. § Paterson "B." ¶ Brooklyn.

Croquet—Rogue.

The eighteenth annual tournament of the National Croquet Association was held on the lawns of the Norwich Croquet Club, at Norwich, Ct., August 15 to 19. The championship was won by C. G. Williams, of Washington (a newcomer), who won his series with a record of 12 games won and 2 lost. W. H. Wahly, of Washington (last year's champion), was second, with 11 games won and 3 lost.

In the second division Washington's representative was again successful, and first honors were won by P. N. Peck, with a record of 13 games won and 1 lost.

First honors in the third division resulted in a tie between W. H. Congdon, of Norwich, and H. Wahly, of Washington, with scores of 10 games won and 1 lost.

Mr. Wahly could not remain to play off the tie game, which was awarded to Mr. Congdon.

Owing to the scientific development of the game, as played by members of the National Association as distinguished from the old time or ordinary croquet, the Association has considered it advisable to change the name to the National Rogue Association under which title it will hereafter be known.

Weight-Throwing, Hammer-Throwing, Shot-Putting.

(Revised to December 1, 1899.)

(A W) American and also world's record. (A) American record (W) World's record, made abroad.

| EVENT.   | AMATEUR.             |                                   | PROFESSIONAL.        |                                   |
|--|----------------------|-----------------------------------|----------------------|-----------------------------------|
|  | Name.                | Distance. Ft. In.                 | Name.                | Distance. Ft. In.                 |
| Throwing 56-lb. weight from 7-ft. circle..                             | J. S. Mitchell (A W) | 35 10 <sup>3</sup> / <sub>4</sub> | P. Foley (A).....    | 28 5                              |
| Throwing 56-lb. weight, standing at mark                               | J. S. Mitchell (A W) | 27 4                              | .....                | .....                             |
| Throwing 56-lb. weight, bet. legs, standing                            | W. J. M. Barry (W)   | 27 0                              | .....                | .....                             |
| Throwing 56-lb. weight for height.....                                 | J. S. Mitchell (A W) | 15 6 <sup>3</sup> / <sub>4</sub>  | .....                | .....                             |
| Throwing 56-lb. weight over a bar.....                                 | J. S. Mitchell (A W) | 13 7 <sup>3</sup> / <sub>4</sub>  | .....                | .....                             |
| Throwing 12-lb. hammer, standing.....                                  | W. L. Coudon (A W)   | 124 11                            | G. Perrie (A W)..... | 133 5 <sup>1</sup> / <sub>2</sub> |
| Throwing 12-lb. hammer from 7-ft. circle.                              | W. L. Coudon (A W)   | 184 2                             | T. Carroll (A W).... | 183 6                             |
| Throwing 14-lb. hammer, standing.....                                  | W. L. Coudon (A W)   | 115 4                             | .....                | .....                             |
| Throwing 14-lb. hammer from 7-ft. circle.                              | .....                | .....                             | .....                | .....                             |
| Throwing 16-lb. hammer, standing.....                                  | W. O. Hickok (A W)   | 113 11                            | G. H. Johnstone (W)  | 119 0 <sup>1</sup> / <sub>2</sub> |
| Throwing 16-lb. hammer from 7-ft. circle                               | J. Flanagan (A W)    | 167 8                             | T. Carroll (A W).... | 165 0                             |
| Throwing 16-lb. hammer from 9-ft. circle.                              | J. Flanagan (A W)    | 158 4 <sup>1</sup> / <sub>2</sub> | .....                | .....                             |
| Throwing 21-lb. hammer, standing.....                                  | C. Queckberner (A W) | 82 3 <sup>1</sup> / <sub>2</sub>  | G. Davidson (W)....  | 79 0                              |
| Throwing 21-lb. hammer from 7-ft. circle.                              | C. Queckberner (A W) | 90 3                              | T. Carroll (A W).... | 112 1 <sup>1</sup> / <sub>2</sub> |
| Throwing 21-lb. hammer from 9-ft. circle.                              | .....                | .....                             | P. Carroll (A W).... | 121 10                            |
| Putting 12-lb. shot*.....  | G. R. Gray (A W).... | 55 2                              | J. McPherson (A W)   | 50 0 <sup>1</sup> / <sub>2</sub>  |
| Putting 14-lb. shot*.....  | G. R. Gray (A W).... | 51 5 <sup>1</sup> / <sub>2</sub>  | C. J. Currie (W).... | 51 4                              |
| Putting 16-lb. shot*.....  | G. R. Gray (A W).... | 47 0                              | G. Perrie (W).....   | 44 8                              |
| Putting 18-lb. shot*.....  | G. R. Gray (A W).... | 41 9 <sup>1</sup> / <sub>2</sub>  | .....                | .....                             |
| Putting 20-lb. shot*.....  | G. R. Gray (A W).... | 38 7 <sup>1</sup> / <sub>2</sub>  | J. D. McPherson (W)  | 40 11 <sup>1</sup> / <sub>4</sub> |
| Putting 22-lb. shot*.....  | D. McKinnon (W)....  | 35 10 <sup>1</sup> / <sub>2</sub> | C. McLean (W).....   | 37 8                              |
| Putting 24-lb. shot*.....  | G. R. Gray (A W).... | 33 11 <sup>3</sup> / <sub>4</sub> | .....                | .....                             |
| Throwing discus (4 <sup>1</sup> / <sub>2</sub> lbs.) from 7-ft. circle | C. Henneman (A W)    | 118 9                             | .....                | .....                             |

\* Amateur style, 7-ft. run. Professional style, 7-ft. 6-in. run.

## Amateur Hurdle-Racing Records.

### Running Records.

(World's records only. Revised to December 1, 1899.)

| DIS-TANCE. | Professional. |           | Amateur.           |          | DIS-TANCE. | Professional. |             | Amateur.      |             |
|------------|---------------|-----------|--------------------|----------|------------|---------------|-------------|---------------|-------------|
|            | Time.         | M. S.     | Time.              | M. S.    |            | Time.         | M. S.       | Time.         | M. S.       |
| 50yds      | H. M. J' nson | 5 1/4     | L. E. Myers        | 5 1/4    | 3/4m       | P. Cannon     | 17 02 1-5   | WG George     | H. M. S.    |
| 60 "       | "             | "         | L. E. Myers        | 6 2-5    | 4 "        | P. Cannon     | 19 25 3-5   | GCrossland    | 17 10       |
| 75 "       | James Quirk   | 7 1/4     | L. H. Cary         | 7 2-5    | 4 1/4 "    | J. Grant      | 22 48       | S. Thomas     | 19 23 3-5   |
| 75 "       | "             | "         | B. J. Wefers       | 7 3-5    | 5 "        | J. White      | 24 40       | S. Thomas     | 22 25       |
| 80 "       | "             | "         | W. Baker           | 8        | 5 1/4 "    | C. Price      | 28 36 1-5   | S. Thomas     | 24 53 3-5   |
| 100 "      | E. Donovan    | 9 3-5     | W. Owen, Jr.       | 9 4-5    | 5 1/2 "    | C. White      | 29 50       | S. Thomas     | 27 42 3-5   |
| 100 "      | "             | "         | B. J. Wefers       | 9 4-5    | 6 "        | C. Price      | 34 02 1-5   | S. Thomas     | 30 17 4-5   |
| 100 "      | "             | "         | W. T. Mac-pherson. | 9 4-5    | 7 "        | J. White      | 34 45       | S. Thomas     | 32 56 4-5   |
| 100 "      | "             | "         | J. H. Hemp-ton     | 9 4-5    | 7 1/2 "    | C. Price      | 39 25 1-5   | S. Thomas     | 33 18       |
| 100 "      | "             | "         | J. H. May-bury     | 9 4-5    | 8 "        | J. Howitt     | 40 20       | WG George     | 40 57 2-5   |
| 100 "      | "             | "         | J. H. Rush.        | 9 4-5    | 8 1/2 "    | C. Price      | 44 50       | WG George     | 43 33       |
| 110 "      | "             | "         | CHSherrill         | 11 1-5   | 9 "        | J. Howitt     | 45 21       | WG George     | 46 12       |
| 110 "      | "             | "         | W. Baker           | 11 1-5   | 9 1/2 "    | C. Price      | 50 09 3-5   | WG George     | 48 51       |
| 110 "      | "             | "         | L. H. Cary         | 11 1-5   | 10 "       | W. Cum'ings   | 51 06 3-5   | WG George     | 51 20       |
| 110 "      | "             | "         | B. J. Wefers       | 11 2-5   | 10 1/2 "   | F. E. Bacon   | 53 49       | "             | "           |
| 120 "      | Geo. Seward   | 11 1/2    | CHSherrill         | 12 2-5   | 11 "       | F. E. Bacon   | 56 28       | WG George     | 57 09 3-5   |
| 130 "      | "             | "         | W. Baker           | 13       | 11 1/2 "   | F. E. Bacon   | 59 03       | "             | "           |
| 130 "      | W. Johnson    | 12 1/2    | W. T. Mac-pherson. | 20 3-5   | 12 "       | L. Bennett    | 1 02 02 1/2 | S. Thomas     | 1 02 43     |
| 131 1/2 "  | H. Hutchens   | 12 2-5    | CABradley          | 13 3-5   | 13 "       | (Deerfoot).   | "           | "             | "           |
| 135 "      | "             | "         | B. J. Wefers       | 14 3-5   | 14 "       | J. Howitt     | 1 10 31     | S. Thomas     | 1 10 55 2-5 |
| 140 "      | H. Hutchens   | 13 1/2    | W. Baker           | 14       | 14 1/2 "   | J. Howitt     | 1 16 12     | S. Thomas     | 1 16 41 1-5 |
| 150 "      | H. Hutchens   | 14 1/2    | E. H. Pelling      | 19 4-5   | 15 "       | J. Howitt     | 1 22 00     | S. Thomas     | 1 22 15 2-5 |
| 180 "      | Geo. Seward   | 19 1/2    | A. R. Downer       | 19 4-5   | 16 "       | J. Howitt     | 1 28 06     | GCrossland    | 1 28 46     |
| 200 "      | "             | "         | B. J. Wefers       | 21       | 17 "       | Len Hurst     | 1 24 15     | GCrossland    | 1 24 27     |
| 200 "      | H. Hutchens   | 21 4-5    | W. T. Mac-pherson. | 24 3-5   | 18 "       | Len Hurst     | 1 40 43     | GCrossland    | 1 40 10     |
| 220 "      | H. Hutchens   | 21 4-5    | B. J. Wefers       | 20       | 19 "       | Len Hurst     | 1 48 05     | GCrossland    | 1 46 00     |
| 250 "      | "             | "         | W. T. Mac-pherson. | 20 3-5   | 20 "       | P. Byrnes     | 1 54 00     | GCrossland    | 1 51 54     |
| 300 "      | H. Hutchens   | 30        | B. J. Wefers       | 23 3-5   | 21 "       | G. Mason      | 2 08 36     | GA Dun'ng     | 2 06 10     |
| 350 "      | H. Hutchens   | 33 2-5    | L. E. Myers        | 36 4-5   | 22 "       | G. Mason      | 2 15 17     | GA Dun'ng     | 2 12 48     |
| 400 "      | A. R. Downer  | 44 4-5    | WCDowns            | 43       | 23 "       | G. Mason      | 2 23 33     | GA Dun'ng     | 2 19 50     |
| 440 "      | R. Buttery    | 48 1/4    | W. Baker           | 47 1/2   | 24 "       | G. Mason      | 2 30 04     | GA Dun'ng     | 2 27 05     |
| 500 "      | J. Powers     | 59        | T. E. Burke        | 57 4-5   | 25 "       | G. Mason      | 2 36 34     | GA Dun'ng     | 2 33 44     |
| 600 "      | J. Nuttal     | 1 13      | T. E. Burke        | 1 11     | 26 "       | G. Mason      | 3 15 09     | I. A. Squires | 3 17 36 1/2 |
| 660 "      | E. C. Bredin  | 1 13      | L. E. Myers        | 1 22     | 27 "       | J. Bailey     | 4 24 27     | J. E. Dixon   | 4 46 54     |
| 660 "      | "             | "         | L. E. Myers        | 1 31     | 30 "       | G. Cartwright | 5 55 04 1/2 | W. C. Davies  | 6 18 26 1-5 |
| 700 "      | J. Pudney     | 1 29      | L. E. Myers        | 1 44 2-5 | 30 "       | G. Cartwright | 7 30 33     | J. Saunders   | 8 23 30     |
| 800 "      | "             | "         | C. H. Kilpatrick.  | 1 53 2-5 | 70 "       | G. Littlew'd  | 9 03 15     | W. C. Davies  | 10 09 25    |
| 880 "      | F. S. Hewitt  | 1 53 1/2  | L. E. Myers        | 2 03     | 80 "       | G. Littlew'd  | 10 33 50    | W. C. Davies  | 11 45 40    |
| 1000 "     | W. Cum'ings   | 2 17      | T. P. Con'ent      | 3 12     | 90 "       | C. Rowell     | 12 00 15    | AWSinclair    | 15 00 00    |
| 1200 "     | W. Lang       | 4 12 1/4  | T. P. Con'ent      | 4 15 3-5 | 100 "      | C. Rowell     | 13 25 30    | J. Saunders   | 17 36 14    |
| 1 m        | W. Lang       | 5 30      | T. P. Con'ent      | 5 38 4-5 | 110 "      | C. Rowell     | 15 20 45    | J. Saunders   | 20 13 10    |
| 1 1/4      | W. Cum'ings   | 6 43 1/2  | T. P. Con'ent      | 6 46 2-5 | 120 "      | C. Rowell     | 16 48 10    | J. Saunders   | 22 47 23    |
| 1 1/2      | "             | "         | WG George          | 8 08 1-5 | 130 "      | C. Rowell     | 19 04 45    | "             | "           |
| 1 3/4      | "             | "         | WG George          | 9 17 2-5 | 140 "      | C. Rowell     | 20 50 30    | "             | "           |
| 2          | W. Lang       | 9 11 1/2  | WG George          | 12 06    | 150 "      | C. Rowell     | 22 28 25    | "             | "           |
| 2 1/2      | P. Cannon     | 12 06 1-5 | S. Thomas          | 12 06    | 160 "      | C. Rowell     | 25 09 23    | "             | "           |
| 2 3/4      | "             | "         | S. Thomas          | 12 06    | 170 "      | C. Rowell     | 28 17 05    | "             | "           |
| 3          | P. Cannon     | 14 19 1/2 | S. Thomas          | 14 24    | 180 "      | C. Rowell     | 30 13 45    | "             | "           |
|            |               |           | S. Thomas          | 14 24    | 190 "      | J. Albert     | 35 26 13    | "             | "           |
|            |               |           | S. Thomas          | 14 24    | 200 "      | P. Fitzer'ld  | 109 15 29   | "             | "           |
|            |               |           | S. Thomas          | 14 24    | 210 "      | G. Hazael     | 125 24 45   | "             | "           |
|            |               |           | S. Thomas          | 14 24    | 220 "      | G. Littlew'd  | 141 40 50   | "             | "           |

Greatest distance run in one hour—11 miles 1,243 yards, by F. E. Bacon, at Rochdale, England, June 19, 1897. By an amateur, 11 miles 932 yards 9 inches, W. G. George, London, England, July 28, 1884. G. Crossland (amateur) ran 20 1/2 miles in 1 h. 54 m. 37 s., at London, England, Sept. 22, 1894. A Mile in Four Starts.—L. E. Myers covered the distance in 3 m. 31 4-5 s., at New York, Oct. 22, 1883. One-Mile Relay Race.—3 m. 21 2-5 s., New York Athletic Club team, M. W. Long, H. S. Lyons, T. E. Burke, and B. J. Wefers, on Manhattan Field, New York, Aug. 28, 1897. Each man ran 440 yards.

## Amateur Hurdle-Racing Records.

| DISTANCE. | Hurdles. | Height. | Name.            |         | Time.     | DISTANCE. | Hurdles. | Height.          | Name.  |         | Time. |
|-----------|----------|---------|------------------|---------|-----------|-----------|----------|------------------|--------|---------|-------|
|           |          |         | Yards.           | Ft. In. |           |           |          |                  | Yards. | Ft. In. |       |
| 40        | 3        | 3 6     | T. P. Curtis     | 5 4-5   | 220       | 9         | 3 6      | J. B. Hanna      | 29 3-5 |         |       |
| 60        | 5        | 2 6     | A. A. Jordan     | 8 1-5   | 220       | 10        | 2 6      | A. C. Kraenzlein | 23 3-5 |         |       |
| 60        | 5        | 3 6     | A. A. Jordan     | 8 2-5   | 220       | 10        | 3 0      | C. T. Wiegand    | 28 4-5 |         |       |
| 70        | 5        | 3 6     | S. Chase         | 9 1-5   | 220       | 10        | 3 6      | J. Lafon         | 34 1/2 |         |       |
| 80        | 7        | 2 6     | A. A. Jordan     | 10 1/2  | 250       | 10        | 2 6      | G. Schwieger     | 31 4-5 |         |       |
| 80        | 7        | 3 6     | A. A. Jordan     | 11 1/4  | 300       | 10        | 2 6      | A. C. Kraenzlein | 36 2-5 |         |       |
| 100       | 8        | 2 6     | A. F. Copeland   | 12 4-5  | 300       | 6         | 3 0      | G. B. Shaw       | 36 3-5 |         |       |
| 100       | 8        | 3 6     | H. L. Williams   | 13 1/2  | 300       | 10        | 3 6      | G. B. Shaw       | 39 2-5 |         |       |
| 120       | 10       | 2 6     | A. F. Copeland   | 14 3-5  | 300       | 10        | 3 6      | T. M. Donovan    | 39 2-5 |         |       |
| 120       | 10       | 3 6     | A. C. Kraenzlein | 15 1-5  | 1-5 mile. | 10        | 2 6      | F. C. Puffer     | 44 4-5 |         |       |
| 135       | 10       | 3 6     | G. B. Shaw       | 17      | 440       | 10        | 2 6      | J. Buck          | 56 2-5 |         |       |
| 138       | 10       | 3 6     | W. R. Pollock    | 18      | 440       | 10        | 3 0      | G. B. Shaw       | 57 1-5 |         |       |
| 140       | 10       | 3 6     | G. B. Shaw       | 18 1-5  | 440       | 10        | 3 6      | A. H. Holder     | 58 4-5 |         |       |
| 145       | 10       | 3 6     | G. B. Shaw       | 18 3-5  | 440       | 12        | 3 0      | S. Morris        | 59 4-5 |         |       |
| 200       | 10       | 3 6     | F. C. Puffer     | 26 3-5  | 440       | 16        | 2 6      | H. H. Moritz     | 64     |         |       |
| 200       | 12       | 3 6     | D. Morgan        | 28 1/2  | 440       | 20        | 3 6      | W. H. McAlister  | 69     |         |       |
| 220       | 8        | 3 0     | G. B. Shaw       | 26 4-5  |           |           |          |                  |        |         |       |

## Jumping and Vaulting Records.

(Revised to December 1, 1899.)

(AW) American and also world's record. (A) American record. (W) World's record, made abroad.

| EVENT.                                     | AMATEUR.               |                      | PROFESSIONAL.         |                      |
|--|------------------------|----------------------|-----------------------|----------------------|
|  | Name.                  | Distance.<br>Ft. In. | Name.                 | Distance.<br>Ft. In. |
| Standing high jump, without weights...     | R. C. Ewry (A W)....   | 5 3/4                | .....                 | .....                |
| Standing high jump, with weights.....      | .....                  | .....                | T. F. Kearney (A).... | 5 8 1/2              |
| Running high jump, without weights....     | M. F. Sweeney (A W)    | 6 5 1/2              | M. F. Sweeney (A W)   | 6 1                  |
| Running high jump, with weights.....       | .....                  | .....                | R. W. Baker (A W)...  | 6 3 1/2              |
| Standing jump, for dist'e, without w'ts..  | R. C. Ewry (A W)....   | 11 0 1/2             | J. Darby (W).....     | 12 1 1/2             |
| Standing jump, for distance, with weights  | J. Chandler (W).....   | 12 9 1/2             | J. Darby (W).....     | 14 9                 |
| Standing jump, for distance, with weights  | G. L. Helwig (A W)...  | 12 9 1/2             | G. W. Hamilton (A)... | 14 5 1/2             |
| Standing three jumps, without weights...   | B. Doherty (A W)....   | 34 6                 | W. Marsh (A)*.....    | 36 0 1/2             |
| Standing three jumps, with weights.....    | J. Chandler (W).....   | 23 10                | J. Darby (W).....     | 41 7                 |
| Standing three jumps, with weights.....    | .....                  | .....                | P. J. Griffin (A).... | 41 2                 |
| Running jump, for distance, without w'ts   | A. C. Kraenzlein (A W) | 24 4 1/2             | J. P. Watson (A)†...  | 21 11                |
| Running jump, for distance, with weights   | .....                  | .....                | J. Howard (W)†....    | 29 7                 |
| Stand'g hop, step, and jump, witho' t w'ts | J. Cosgrove (A).....   | 30 3                 | .....                 | .....                |
| Runn'g hop, step, and jump, witho' t w'ts  | W. McManus (W) ...     | 49 2 1/2             | T. Burrows (A W)...   | 48 8                 |
| Runn'g hop, step, and jump, witho' t w'ts  | E. B. Bloss (A).....   | 48 6                 | .....                 | .....                |
| Runn'g two hops and jump, without w'ts     | J. B. Connolly (A)...  | 49 0 1/2             | T. Burrows (A W)...   | 49 6                 |
| Standing two jumps, without weights.....   | .....                  | .....                | H. M. Johnson (A W)   | 22 2 1/2             |
| Standing two jumps, with weights.....      | .....                  | .....                | J. Darby (W).....     | 26 8 1/2             |
| Standing five jumps, without weights....   | .....                  | .....                | J. Darby (W).....     | 61 5 1/2             |
| Standing five jumps, with weights.....     | .....                  | .....                | J. Darby (W).....     | 76 3                 |
| Standing ten jumps, without weights....    | M. W. Ford (A W) ...   | 113 5 1/2            | .....                 | .....                |
| Standing ten jumps, with weights.....      | .....                  | .....                | J. Darby (W).....     | 130 8                |
| Stand double put §.....                    | .....                  | .....                | W. Marsh (W) †....    | 79 9 1/2             |
| Pole vault for height.....                 | R. G. Clapp.....       | 11 10 1/2            | G. Musgrove (W)....   | 10 10 1/2            |
| Pole vault for distance.....               | A. H. Green.....       | 27 5                 | .....                 | .....                |
| Bar vaulting, with two hands.....          | A. H. Brundage (A)...  | 7 7                  | .....                 | .....                |
| Fence vaulting, with two hands.....        | C. H. Atkinson (A)...  | 7 3 1/2              | .....                 | .....                |
| Running high kick.....                     | C. C. Lee (A).....     | 9 8                  | .....                 | .....                |
| Hitch and kick.....                        | C. R. Wilburn (A)...   | 9 1                  | .....                 | .....                |
| Hitch and kick.....                        | E. W. Goff (A).....    | 9 1                  | .....                 | .....                |

\* August 29, 1893, at Boston, Mass.

† A. A. U. rules.

‡ Seven inches raised take-off.

§ Stand, one hop, two strides, one hop, two strides, and a jump.

|| August 5, 1899, at Medford, Mass.

## American Amateur Sack-Racing Records.

| DISTANCE.     | Name.                | Time.       | SACK RACING OVER HURDLES. |          |         |                 |       |
|---------------|----------------------|-------------|---------------------------|----------|---------|-----------------|-------|
|               |                      |             | DISTANCE.                 | Hurdles. | Height. | Name.           | Time. |
| 50 yards..... | R. A. Stackpole..... | 7 4-5 sec.  | .....                     | .....    | .....   | .....           |       |
| 50 ".....     | J. M. Nason.....     | 7 4-5 sec.  | .....                     | .....    | .....   | .....           |       |
| 60 ".....     | J. M. Nason.....     | 9 sec.      | .....                     | .....    | .....   | .....           |       |
| 65 ".....     | J. T. Norton.....    | 9 3-5 sec.  | .....                     | .....    | .....   | .....           |       |
| 75 ".....     | S. D. See.....       | 12 2-5 sec. | .....                     | .....    | .....   | .....           |       |
| 100 ".....    | J. M. Nason.....     | 15 3-5 sec. | 50.....                   | 4        | 1       | J. M. Nason.... | 9 1/2 |
| 110 ".....    | J. M. Nason.....     | 25 1-5 sec. | 75.....                   | 6        | 1       | J. M. Nason.... | 16    |
| 176 ".....    | C. S. Busse.....     | 28 1-5 sec. | 110.....                  | 10       | 1 1/2   | C. M. Cohen.... | 21    |
| 1-9 mile..... | J. H. Clark.....     | 35 2-5 sec. | .....                     | .....    | .....   | .....           |       |

## Amateur Potato Racing.

(In all races of this kind the potatoes are gathered one at a time.)

- 8 potatoes, 2 yards interval, with 5 yards additional at finish, total distance 149 yards—31 2-5s., J. J. Crowley, Medford, Mass., September 16, 1899.
- 10 potatoes, 5 feet interval, total distance 183 1-3 yards—49 2-5s., B. G. Woodruff, New York City, August 17, 1894.
- 10 potatoes, 2 yards interval, total distance 220 yards—51 1-5s., G. R. Preston, New York City, November 25, 1882.
- 10 potatoes, 2 yards interval, with 5 yards additional at finish, total distance 225 yards—51 4-5s., W. H. Roberts, Bergen Point, N. J., September 3, 1883.
- 12 potatoes, 4 feet interval, total distance 208 yards—55s., C. G. Carr, Rochester, N. Y., June 16, 1877.
- 15 potatoes, 2 yards interval, total distance 480 yards—1m. 57 1-4s., E. P. Harris, Amherst, Mass., October 9, 1881.
- 15 potatoes, 5 yards interval, total distance 1,290 yards—4m. 40 3-8s., H. F. Snow, Hanover, N. H., May 22, 1879.
- 25 potatoes, 1 yard interval, total distance 650 yards—2m. 39 1-2s., M. Brewer, Williamstown, Mass., October 18, 1879.
- 30 potatoes, 1 yard interval, total distance 930 yards—3m. 32s., C. Donaldson, Clinton, N. Y., May 28, 1881.
- 50 potatoes, 1 yard interval, total distance 1 mile 790 yards—11m. 29s., G. R. Starke, Montreal, P. Q., June 8, 1878; 9m. 23 1-2s., J. Shaw, Manchester, Eng., August 10, 1874.
- 50 potatoes, 1 yard interval, but the basket 10 yards instead of 1 yard from the first potato, total distance 1 mile 1,690 yards—13m. 15s., T. R. Pakeman, Cheltenham, Eng., April 6, 1892.

## Swimming Records.

UNLESS expressly stated otherwise all performances are by amateurs. (A.) America. (Aus.) Australasia. (Eng.) England.

| DISTANCE.   | Time. |     |           | Name.                        |
|---|-------|-----|-----------|------------------------------|
|   | H.    | M.  | S.        |                              |
| 25 yards straightaway (still water).....                                | ...   | ... | 14 4-5    | W. C. Johnson (A.).          |
| 50 yards straightaway (still water).....                                | ...   | ... | 31 4-5    | W. B. Izard (A.).            |
| 75 yards straightaway (still water).....                                | ...   | ... | 52 4-5    | W. C. Johnson (A.).          |
| 100 yards (still water).....  | ...   | 1   | 08 3-5    | E. C. Schaeffer (A.).        |
| 100 yards (2 turns, still water).....                                   | ...   | 1   | 00 4-5    | J. H. Derbyshire (Eng.).     |
| 110 yards straightaway.....   | ...   | 1   | 14        | J. Nuttall (Pro., Eng.).     |
| 120 yards (5 turns, still water).....                                   | ...   | 1   | 18        | J. H. Tyers (Eng.).          |
| 150 yards (7 turns, still water).....                                   | ...   | 1   | 39        | J. H. Tyers (Eng.).          |
| 160 yards (3 turns, still water).....                                   | ...   | 2   | 14        | R. C. Wallace (A.).          |
| 160 yards (7 turns, still water).....                                   | ...   | 1   | 47 2-5    | J. H. Tyers (Eng.).          |
| 200 yards (still water).....  | ...   | 2   | 20        | J. H. Tyers (Eng.).          |
| 220 yards (still water).....  | ...   | 2   | 53 3-5    | E. C. Schaeffer (A.).        |
| 220 yards (6 turns, still water).....                                   | ...   | 2   | 38 1-2    | W. J. Gormley (Aus.).        |
| 250 yards (Staley Bridge Baths).....                                    | ...   | 2   | 57 3-5    | J. Nuttall (Pro., Eng.).     |
| 300 yards (Blackpool Baths).....  | ...   | 3   | 47 1-5    | F. C. Lane (Eng.).           |
| 400 yards (9 turns, still water).....                                   | ...   | 5   | 18 1-2    | J. Nuttall (Pro., Eng.).     |
| 400 yards.....  | ...   | 5   | 44 1-4    | J. Nuttall (Pro., Eng.).     |
| 440 yards (still water).....  | ...   | 6   | 43 3-5    | E. C. Schaeffer (A.).        |
| 500 yards (still water).....  | ...   | 6   | 38 1-4    | J. Nuttall (Pro., Eng.).     |
| 500 yards (15 turns, still water).....                                  | ...   | 6   | 45        | J. H. Tyers (Eng.).          |
| 600 yards.....  | ...   | 8   | 40        | J. Finney (Pro., Eng.).      |
| 880 yards (7 turns, open still water).....                              | ...   | 12  | 07 1-2    | J. Nuttall (Pro., Eng.).     |
| 880 yards (35 turns, still water).....                                  | ...   | 12  | 17        | J. A. Jarvis (Eng.).         |
| 1,000 yards (23 turns, still water).....                                | ...   | 13  | 54 1-2    | J. Nuttall (Pro., Eng.).     |
| 1,000 yards (39 turns, still water).....                                | ...   | 13  | 52 3-5    | J. H. Tyers (Eng.).          |
| 1/4 mile (Hollingsworth Lake).....                                      | ...   | 21  | 05 1-2    | J. J. Collier (Pro., Eng.).  |
| 1/4 mile (5 turns, still water).....                                    | ...   | 20  | 00        | J. H. Tyers (Eng.).          |
| 1 mile (7 turns, still water).....                                      | ...   | 26  | 37 1-5    | F. W. Jarvis (Eng.).         |
| 1 mile (3 turns, still water).....                                      | ...   | 26  | 08        | J. Nuttall (Pro., Eng.).     |
| 2 miles (175 turns, still water).....                                   | ...   | 1   | 08 07 1-2 | Dr. P. Neumann (A.).         |
| 3 miles (263 turns, still water).....                                   | ...   | 1   | 45 49     | Dr. P. Neumann (A.).         |
| 4 miles (351 turns, still water).....                                   | ...   | 22  | 29 3-4    | Dr. P. Neumann (A.).         |
| 5 miles (439 turns, still water).....                                   | ...   | 58  | 00 1-2    | Dr. P. Neumann (A.).         |
| 5 miles 495.69 yards (8,500 metres) straightaway<br>(with current)..... | ...   | 1   | 10 36     | C. Riedel.                   |
| 15 miles (Lambeth Baths).....   | ...   | 7   | 35 56     | W. H. Beckwith (Pro., Eng.). |
| 20 miles (with current).....  | ...   | 4   | 59 46     | E. Mercardier (A.).          |
| 35 miles (Dover to Calais).....   | ...   | 21  | 45 00     | Capt. M. Webb (Pro., Eng.).  |
| 40 miles (with tide, Thames River).....                                 | ...   | 9   | 57 00     | Capt. M. Webb (Pro., Eng.).  |
| 74 miles (14 hours per day).....  | ...   | 84  | 00 00     | Capt. M. Webb (Pro., Eng.).  |
| 94 miles (10 hours per day).....  | ...   | 60  | 00 00     | W. Beckwith (Pro., Eng.).    |

## WOMEN SWIMMERS.

|  |    |    |           |                          |
|--|----|----|-----------|--------------------------|
| 150 yards (Woods' Baths, England)..... | .. | 3  | 40        | Miss M. Howarth (Eng.).  |
| 1 mile (open water).....               | .. | 30 | 02        | Miss Theresa Johnson.    |
| 2 miles (Hastings Baths).....          | .. | 1  | 21 27     | Miss L. Sergeman (Eng.). |
| 3 miles (Hastings Baths).....          | .. | 2  | 09 47 1/2 | Miss L. Sergeman (Eng.). |
| 20 miles (Thames River).....           | .. | 6  | 25 00     | Miss A. Beckwith (Eng.). |

## SWIMMING ON BACK.

|   |    |    |        |                           |
|---|----|----|--------|---------------------------|
| 100 yards (Blackfriars' Baths).....       | .. | 1  | 20 1-5 | E. Crawshaw (Am., Eng.).  |
| 100 yards (Greenhead Baths, Glasgow)..... | .. | 1  | 20 1/2 | E. McQueen (Pro., Scot.). |
| 800 yards (serpentine), London.....       | .. | 16 | 29     | Harry Gurr (Pro., Eng.).  |

## Miscellaneous Sporting Records.

(Revised to December 1, 1899.)

## AMATEUR.

- J. F. Powers, of the New York Athletic Club, won the individual athletic championship of the A. A. U. at Bergen Point, July 4, 1899.
- C. Fulforth holds the record for running the bases, 15 3/4 seconds.
- E. D. Irwin holds the running high jump record on skates, 3 feet 3 1/2 inches.
- F. McDaniel holds the running broad jump record on skates, 21 feet 7 inches.
- B. Quinn holds the record for throwing the lacrosse ball, 497 feet 7 1/2 inches.
- R. C. Campbell holds the record for throwing the baseball, 351 feet 2 1/2 inches.
- C. R. Partridge holds the record for batting the baseball, 354 feet 10 inches.
- W. H. Game holds the record for throwing the cricket ball, 352 feet 3 inches.
- Using both hands and feet, C. E. Raynor climbed up 35 feet 8 inches of rope in 14 4 1/2 seconds.
- Using both hands and feet, L. Strange climbed up and down 60 feet of rope in 4 minutes.
- Using the hands alone, B. Sanford climbed 18 feet of rope in 5 1-5 seconds.
- Using the hands alone, E. E. Allen climbed 88 feet of rope in 20 1/2 seconds.

### Canoeing.

THE twentieth annual meeting of the American Canoe Association was held at Hay Island, in the St. Lawrence River, August 4 to 18. The first week was, as usual, principally given up to preparation, and the second week to racing. A summary of the races follows:

- Combined Sailing and Paddling, decked canoes—Won by J. R. Stewart's Wasp, Irondequoit Club.
  - Novice Sailing—Won by F. G. Palmer's Hoonyai, New York.
  - Trophy Sailing—Won by C. E. Archibald's Mab, Royal Canadian.
  - War-Canoe Race, A. C. A. championship—Won by Ah-Yan-Dora-Wah, of the Bohemian Club, of Brockville.
  - Open-Canoe Sailing—Won by C. E. Archibald's Mab II.
  - Combined Sailing and Paddling, open canoes—Won by C. E. Archibald's Mab II.
  - Atlantic Division Cup—Won by Louis May's Aziz, New York.
  - Central Division Cup—Won by C. B. Forbush.
  - Western Division Cup—Won by F. B. Huntington's Norma, Milwaukee Club.
  - Trophy Paddling—Won by J. Smith.
  - Paddling, double blades—Won by J. Smith.
  - Tandem Paddling—Won by F. Taylor and J. Smith, Toronto Club.
  - Paddling, single blades—Won by J. Smith.
  - Novice Paddling—Won by R. H. Parmenter.
  - Paddling, four men—Won by Percival, Lynch, McNeil, and Stott, of Britannia Club.
  - Gardiner Cup (Western Division, paddling)—Won by W. M. Clark.
- There was no start for the Dolphin Trophy, and no entries for the ladies' single and tandem paddling events.

The feature of the meet was the great interest taken in the war-canoe championship, which was paddle tover a course of one mile straight. No less than seven canoes, with crews of fifteen each, were entered; the contest was keen, the winners having only a few feet to the good at the finish.

### Fly-Casting Records.

THESE casts, except as stated below, were made at the National Rod and Reel Association tournaments, held at Central Park, New York, and the statement of records was contributed to THE WORLD ALMANAC by Mr. A. N. Cheney, of Glens Falls, N. Y.

*Light Rod Contest* (rods not to exceed 5 ounces in weight): Reuben C. Leonard, 95 feet, made 1888.

*Light Rod Contest* (rods not to exceed 5½ ounces in weight): Peter Cooper Hewitt, 100 feet 5½ inches. Madison Square Garden, 1897.

*Single-Handed Fly-Casting, Amateur*: R. C. Leonard, 85 feet, made 1882; R. B. Lawrence, 85 feet, made 1888.

*Switch Fly-Casting*: H. W. Hawes, 102 feet, made 1887, with trout rod 11 feet long.

*Single-Handed Fly-Casting, Expert (Out of Doors)*: W. D. Mansfield, 133 feet, 1899, San Francisco. [Note.—Mr. Mansfield is an expert only in the sense that he outclasses all competitors, not being a professional in any respect.]

*Single-Handed Fly-Casting, Expert (Indoors)*: R. C. Leonard, 120 feet. Madison Sq. Garden, 1898.

*Salmon Casting*: H. W. Hawes, 138 feet, made 1888.

*Minnow Casting for Black Bass*: F. B. Davidson, average of five casts, 167 1-5 feet. Made at Chicago, Ill., August 23, 1894.

*Minnow Casting for Black Bass*: E. C. Sturges, average of five casts, 140 feet 11 inches. Made at Camp Lake, Wisconsin, July 4, 1891.

*Striped Bass Casting (Light)*: H. W. Hawes, average of five casts, 129 6-10 feet, made 1884.

*Striped Bass Casting (Heavy)*: Longest single cast, W. H. Wood, 250 feet, made 1885.

*Striped Bass Casting (Heavy)*: John A. Roosevelt, average of five casts in lane 85 feet wide, 204 feet 3 inches. Made 1884.

*Fly Casting for Black Bass*: R. C. Leonard, 101½ feet. Madison Square Garden, 1897.

\* This is a world's record for casting in a lane.

#### ENGLISH FLY AND BAIT CASTING RECORDS.

(These records were compiled by Mr. A. N. Cheney for THE WORLD ALMANAC.)

|   |   |
|---|---|
| SALMON FLY-CASTING, AMATEUR.              |   |
| *J. J. Hardy (1895).....                  | 140 ft. 3 in.   *John Enright (1896).....147 feet |
| SALMON FLY-CASTING, SCOTCH PROFESSIONAL.  |   |
| J. Stevens.....                           | 126 feet  |
| SALMON SWITCH-CASTING, AMATEUR.           |   |
| C. M. P. Burns.....                       | 108 feet  |
| TROUT FLY-CASTING—SINGLE-HANDED ROD.      |   |
| Mr. P. D. Mallock.....                    | 192 feet   Mr. R. B. Marston, } tie.....174 feet  |
| Mr. Rauben Wood (of Syracuse, N. Y.)..... | 82 ft. 6 in.   Mr. Hyde Clark, }                  |
| TROUT FLY-CASTING—TWO-HANDED ROD.         |   |
| John Enright.....                         | 111 feet  |
| TROUT FLY-CASTING—TEN-FOOT ROD.           |   |
| Edgar S. Shrubsole (1896).....            | 90 feet   |

|                                       |                |
|---------------------------------------|----------------|
| THAMES BAIT-CASTING, AMATEUR. §       |                |
| Mr. R. Gillson.....                   | 191 ft. 11 in. |
| LONGEST CAST HEAVY (3-OUNCES) SINKER. |                |
| Mr. Hobden.....                       | 216 feet       |

|                                   |                            |
|-----------------------------------|----------------------------|
| NOTTINGHAM BAIT-CASTING, AMATEUR. |                            |
| J. T. Emery (1896).....           | 2½ oz. lead, 214 feet      |
| J. T. Emery (1896).....           | 1¼ oz. lead, 204 ft. 6 in. |

NOTE—In minnow casting for black bass, Mr. Davidson used a half-ounce sinker. Mr. Sturges used a quarter-ounce sinker. Under these conditions Mr. Sturges made a single cast of 148 feet, and Mr. Davidson a single cast of 173 feet.

\* Mr. Hardy's cast was made in a tournament with a rod of 18 feet. Mr. Enright's cast of 147 feet was made in a tournament with a 20-foot salmon rod. Afterward with the same rod he made an exhibition cast, before reliable witnesses, of 151 feet 3 inches.

† This distance was made by measuring the line after casting.

‡ This cast of Messrs. Marston and Clark is given in English reports as the best, but for some unknown reason Mr. Wood's cast of 82 feet 6 inches and Mr. George M. Kelson's cast of 81 feet have been entirely overlooked, although both are records at an international tournament.

§ In Thames casting the line is coiled at the feet of the caster.

|| In Nottingham casting the cast is made from the reel, as is done in America.

## Yachting in 1899.

THE eleventh contest for the America's Cup was the chief yachting event of the year. The Royal Ulster Yacht Club challenged for the cup on behalf of Sir Thomas Lipton, who built and brought over the cutter Shamrock. The Shamrock was built by Thornycroft at Milwall, near London, from designs by Will Fife, Jr. The yacht was built of manganese bronze, with aluminum topsides, and her spars were of nickel steel. For the defence of the cup, Commodore J. Pierpont Morgan, of the New York Yacht Club, placed an order with the Herreshoffs, and the Columbia was built at Bristol and successfully launched by moonlight on June 10. C. Oliver Iselin was made manager of the yacht. The Defender was put in commission and given a steel mast to be used as a trial boat. W. Butler Duncan, Jr., was put in charge of this boat. Captain Charles Barr was engaged as skipper of the Columbia, and the yacht was manned with sailors from Deer Island, Me. Captain Rhoades had charge of the Defender, and the crew were Scandinavian sailors. The two yachts met in several races during the year, and Columbia won every event, although the margin in some races was very small. The record of these races is as follows:

| DATE.        | Course.                            | Miles. | Wind.            | Time.    |       | Won By. |
|--------------|------------------------------------|--------|------------------|----------|-------|---------|
|              |                                    |        |                  | H. M. S. | M. S. |         |
| July 6.....  | Triangle, Sandy Hook.....          | 30     | Light to fresh.. | 3 47 55  | 3 33  |         |
| July 8.....  | Triangle, Larchmont.....           | 30     | Fresh.....       | 2 43 16  | 3 13  |         |
| Aug. 8.....  | New Lon on to Gardiner's Bay.....  | 30     | Fresh.....       | 3 38 37  | 4 01  |         |
| Aug. 9.....  | Gardiner's Bay to Newport.....     | 43     | Light.....       | 5 27 27  | 22 25 |         |
| Aug. 10..... | Newport to Vineyard Haven.....     | 37½    | Strong.....      | 3 00 38  | 1 14  |         |
| Aug. 11..... | Vineyard Haven to New Bedford..... |        | Calms.....       | .....    | *     |         |
| Aug. 12..... | New Bedford to Newport.....        | 22¼    | Calms.....       | 4 38 58  | 19 02 |         |
| Aug. 14..... | Triangle, Newport.....             | 37½    | Light to fresh.. | 4 58 19  | 13 07 |         |
| Aug. 15..... | Triangle, Newport.....             | 21     | Light.....       | 3 58 35  | 8 52  |         |
| Sept. 3..... | Newport, windward and back.....    | 30     | Fresh.....       | 5 57 08  | 6 49  |         |
| Sept. 4..... | Newport, triangle.....             | 30     | Fresh.....       | 3 17 24  | 10 07 |         |
| Sept. 5..... | Newport, windward and back.....    | 20     | Light to fresh.. | 2 33 16  | 3 42  |         |

\* Defender did not finish.

The Columbia allowed the Defender 1.8 seconds a mile, so the Columbia won every race, the closest margin being on August 10, when she had 6.5 seconds to spare.

The Shamrock was tried twice against the Britannia and won each race by a large margin, and she was considered a dangerous boat. By special agreement with the New York Yacht Club the Erin was allowed to tow the Shamrock on the voyage across the Atlantic. The yachts left Glasgow on August 3 and were fourteen and one-half days crossing the ocean. The Shamrock crossed under yawl rig, and as soon as she reached this port she was fitted with her racing rig and then sailed off Sandy Hook to get in proper trim. The Cup races were set to begin on October 3, and a few days before that time both yachts were put in the dry-dock to be cleaned. They were measured on October 2 by John Hyslop, with the following result:

|   | Columbia, feet. | Shamrock, feet. |   | Columbia, feet. | Shamrock, feet. |
|---|-----------------|-----------------|---|-----------------|-----------------|
| Length on the load water line..   | 89.66           | 87.69           | Length of gaff.....   | 64.95           | 67.64           |
| Length from the after end of the main boom to the forward point of measurement..... | 181.62          | 189.13          | Length of topmast.....  | 64.60           | 58.05           |
| Length from the foreside of the mast to the forward point of measurement.....       | 73.35           | 79.46           | 80 per cent of topmast.....   | 61.60           | 46.45           |
| Length of spinnaker pole.....   | 73.35           | 79.46           | Height from the upper side of the main boom to the topsail halyard block..... | 134.75          | 128.28          |
|   |                 |                 | Square root of the sail area....  | 114.61          | 116.15          |
|   |                 |                 | Sailing length.....   | 102.135         | 101.92          |

On these figures the Columbia had to allow the Shamrock 6.3 seconds in the thirty-mile races.

H. F. Lippitt represented the New York Yacht Club on the Shamrock, and H. MacGilldowney served for the Royal Ulster Yacht Club on the Columbia. Great precautions were taken to keep the course clear, the Government having detailed revenue cutters and torpedo boats for the service, and Captain Robley D. Evans being in charge. The yachts went out to the starting point on the morning of October 3, and were sent off in a light north-northeast wind. The course was fifteen miles to leeward and return. The wind was baffling on the way out, and first one boat then the other took the lead. Beating home the Shamrock took the lead, and when the time limit was up the finishing line was four miles away and the Shamrock led by about two hundred yards. The summary of that trial was:

|               | Start.   |          |          | First Mark. |          |          | Finish.  |          |  |
|---------------|----------|----------|----------|-------------|----------|----------|----------|----------|--|
|               | H. M. S. | H. M. S. | H. M. S. | H. M. S.    | H. M. S. | H. M. S. | H. M. S. | H. M. S. |  |
| Columbia..... | 11 16 20 | 1 38 57  | .....    | .....       | .....    | .....    | .....    | .....    |  |
| Shamrock..... | 11 15 37 | 1 39 58  | .....    | .....       | .....    | .....    | .....    | .....    |  |

Columbia beat Shamrock 2m. 44s. on the run out.

October 5—A nother attempt was made to sail the first race in a light breeze from north west by west. The course was to leeward and return. Columbia started at 11.00.53, Shamrock at 11.01.05. It was a day of calms and baffling winds, which later in the afternoon came from the southeast, making it a beat to the mark. The race was stopped at 4.40 with Shamrock slightly in the lead and the mark boat three miles away.

October 7—The yachts started in a fair north-northeast wind to run to the outer mark. The Columbia crossed at 11.21.02, Shamrock at 11.21.19. The wind soon got light and fuky, Shamrock turned the outer mark at 1.36.25, having gained twenty-six seconds on the run. Columbia turned at 1.36.34. The wind at this time was very light. Shamrock kept her lead until the race was stopped at 4.30 o'clock, with the finishing line three miles away.

October 10—A thick fog kept the yachts at their anchorages in the Horseshoe. No race.

October 12—More fog and no wind. Race postponed again.

October 14—No wind. Another postponement.

October 16—A race was made and Columbia won. The wind was light from east, and the first leg was to windward. The Columbia got the better of the start, being to windward, and she gradually drew away from the Shamrock. The outer mark was turned at 1.48.19, and on the run home the

Columbia gained a little more. It rained during the day and was very misty. The table of the race follows:

|               | Start.   |          |          |       | Gain. | Outer Mark. |          |          |       | Finish. | Elapsed. |          |          |       | Gain. |
|---------------|----------|----------|----------|-------|-------|-------------|----------|----------|-------|---------|----------|----------|----------|-------|-------|
|               | H. M. S. | H. M. S. | H. M. S. | M. S. |       | H. M. S.    | H. M. S. | H. M. S. | M. S. |         | H. M. S. | H. M. S. | H. M. S. | M. S. |       |
| Columbia..... | 11       | 01       | 06       | 1     | 48    | 19          | 2        | 47       | 13    | 9       | 50       |          |          |       |       |
| Shamrock..... | 11       | 01       | 03       | 1     | 58    | 06          | 2        | 57       | 03    | ....    |          |          |          |       |       |
| Columbia..... | 1        | 48       | 19       | 3     | 54    | 59          | 2        | 06       | 40    | 0       | 24       |          |          |       |       |
| Shamrock..... | 1        | 58       | 06       | 4     | 05    | 10          | 2        | 07       | 04    | ....    |          |          |          |       |       |

Columbia beat the Shamrock 10m. 1ds. elapsed time, and 10m. 8s. corrected time.  
 October 17—The yachts started promptly in a fair breeze from east by south. The course was triangular, ten miles to a leg, and the compass courses were east by south, southwest one-half west, and north-west. Shamrock crossed first and after twenty-five minutes sailing parted a port shroud and carried away her topmast. By special agreement, if one boat broke down the other was to finish the race, so the Columbia sailed over the course alone. When the accident happened the boats were on even terms, Columbia being to windward. The table:

|               | Start.   |          |          |       | First Mark. | Second Mark. |          |          |       | Finish. | Elapsed. |          |          |       | Corrected. |
|---------------|----------|----------|----------|-------|-------------|--------------|----------|----------|-------|---------|----------|----------|----------|-------|------------|
|               | H. M. S. | H. M. S. | H. M. S. | M. S. |             | H. M. S.     | H. M. S. | H. M. S. | M. S. |         | H. M. S. | H. M. S. | H. M. S. | M. S. |            |
| Columbia..... | 11       | 00       | 17       | 12    | 39          | 23           | 1        | 33       | 27    | 2       | 37       | 17       | 3        | 27    |            |
| Shamrock..... | 11       | 00       | 15       |       | Disabled.   |              |          |          |       |         |          |          |          |       |            |

Shamrock was repaired in the Erie Basin; 3,300 pounds of lead were put on board and the yacht was remeasured. The extra lead made her water line 88.98 feet, having increased it 1.29 feet, and she had to allow Columbia 16.20s.

October 19—An attempt was made to sail the third race of the series, but the yachts could not finish in time. The wind was northwest by north and they started to leeward. After turning the outer mark the wind hauled to west, but was too light to send them home, and the race was stopped at 4.30 o'clock, with the finishing line two miles away. The table:

|               | Start.   |          |          |       | Outer Mark. | Gain. | Start.   |          |          |       | Outer Mark. | Gain. |  |
|---------------|----------|----------|----------|-------|-------------|-------|----------|----------|----------|-------|-------------|-------|--|
|               | H. M. S. | H. M. S. | H. M. S. | M. S. |             |       | H. M. S. | H. M. S. | H. M. S. | M. S. |             |       |  |
| Columbia..... | 11       | 01       | 33       | 2     | 24          | 45    | 5        | 51       |          |       |             |       |  |
| Shamrock..... | 11       | 02       | 00       | 2     | 31          | 03    | ....     |          |          |       |             |       |  |

October 20—In a strong breeze from north by east the Columbia won the last race. It was a run down the wind to the outer mark, and the yachts travelled nearly twelve knots an hour. Both had up working topsails. Beating back Columbia took in her topsail, and a little later Shamrock took in hers, but with half the journey over she set a club topsail. It was a grand race. Sir Thomas Lipton said he was satisfied Columbia was the better boat and that he would challenge again. The table:

|               | Start.   |          |          |       | Outer Mark. | Gain. | Outer Mark. |          |          |       | Finish. | Elapsed. |          |          |       | Gain. |    |   |    |    |
|---------------|----------|----------|----------|-------|-------------|-------|-------------|----------|----------|-------|---------|----------|----------|----------|-------|-------|----|---|----|----|
|               | H. M. S. | H. M. S. | H. M. S. | M. S. |             |       | H. M. S.    | H. M. S. | H. M. S. | M. S. |         | H. M. S. | H. M. S. | H. M. S. | M. S. |       |    |   |    |    |
| Columbia..... | 11       | 01       | 35       | 12    | 19          | 00    | 1           | 17       | 25       | 1     | 18      | 12       | 19       | 00       | 2     | 21    | 5  |   |    |    |
| Shamrock..... | 11       | 00       | 34       | 12    | 19          | 17    | 1           | 18       | 43       | ....  |         | 12       | 19       | 17       | 2     | 45    | 17 | 2 | 26 | .. |

Columbia beat the Shamrock 6m. 18s. elapsed time, and 6m. 34s. corrected time.

**SEAWANHAKA CHALLENGE CUP.**

The Seawanhaka-Corinthian Yacht Club challenged the Royal St. Lawrence Yacht Club for the Seawanhaka Cup and sent the Constance to Montreal. The Canadian boat was the Glencairn III. The first race was sailed July 26. The course was to windward and return, and the Constance won. The times were: Constance, 2.18.28; Glencairn, 2.20.43.

The second race was sailed July 31, over a triangular course, and Constance won again. The times were: Constance, 2.04; Glencairn, 2.04.55.

The third race, to windward and return, was won by the Glencairn. The times were: Glencairn, 2.28.26; Constance, 2.31.32.

The fourth race, over a triangular course, was won by the Glencairn. The times were: Glencairn, 2.20.43; Constance, 2.26.22.

In the fifth race the Seawanhaka Club objected to the course as laid. It was changed and then the Constance grounded. The Glencairn sailed over alone. The Constance protested, but the protest was not allowed, and the cup remained in Canada.

**CANADA CUP RACES.**

The Canada Cup, won by the yacht Canada, of the Royal Canadian Yacht Club, some years ago, was raced for at Toronto. The challenging yacht was the Genesee, of the Rochester Yacht Club, and the defending yacht was the Beaver. The first race was sailed August 22. The Genesee won by 1m. 22s. The times at the finish were: Genesee, 3.25.10; Beaver, 3.26.32.

The second race was won by the Genesee by 39s. The times at the finish were: Genesee, 4.45.57; Beaver, 4.46.36.

The third race was also won by the Genesee, this time by 10m. 47s. The finishing times were: Genesee, 3.32.11; Beaver, 3.42.58. The Genesee was designed by Hanley, and the Beaver by Payne, of Southampton, England.

**OTHER YACHTING EVENTS.**

All the yacht clubs held their usual regattas. The New York and Atlantic clubs had very successful cruises, and the Larchmont Yacht Club had a week of racing on the Sound. During the New York Yacht Club cruise the cups given by Capt. J. J. Astor were sailed for. The Columbia won the \$500 cup for sloops and the Amorita won the \$1,000 cup for schooners.

The Gould Cup for schooners, raced for under the auspices of the Atlantic Yacht Club, was won by the Katrina.

The Atlantic Club had an ocean race from Shelter Island to Sandy Hook. The Katrina won, Sachem was second, Ramona third, and Coronet fourth.

The Larchmont Cup for schooners was won by the Colonia.

**VALKYRIE-DEFENDER RACES IN 1895.**

In 1895 the Valkyrie III. and Defender raced for the cup. In the first race, sailed September 7 in a light wind over a course 15 miles to windward and return, the Defender won by 8m. 49s. The times made by the two yachts were: Defender, 5.00.24; Valkyrie, 5.08.44. The Valkyrie allowed 29.10s. The second race, over a triangular course, the Valkyrie finished first by 47s., but was disqualified for fouling the Defender. The third race Defender sailed alone, Valkyrie withdrawing after the start.

## The Golf Season of 1899.

ONLY two points of public importance resulted from the action of the annual meeting of the United States Golf Association. One was the promulgation of a more stringent rule defining the status of an amateur, as follows:

Section 9. No person shall be considered an amateur golfer who has played for a money prize in a match or in an open competition; or who has received money for giving lessons or exhibitions of his skill in the game of golf; or laid out or taken charge of golf links for hire; or who has ever carried clubs for hire after attaining the age of fifteen years; or who has ever personally made for sale golf clubs, balls, or any other articles connected with the game of golf, or who, after the adoption of this section as amended, shall be classed as a professional in any athletic sport.

Section 10. No person shall be eligible to compete for the amateur championship of this association who does not conform to the conditions of section 9, or who after January 1, 1897, has received compensation for services performed in any athletic organization, or who plays the game or frequents golf courses for the purpose of exploiting his business; nor shall any one be eligible to compete who hereafter shall enter any golfing competition under an assumed name. Any person having become ineligible by a violation of any of the provisions of this section may be duly reinstated upon his giving satisfactory evidence of meriting it. Only members of clubs belonging to this association and those entitled under the rules of an associate or allied club to the use of the links, in whole or in part, for a period not less than the entire current season, may compete for the amateur and women's championships. Competitors must enter for the championships through the secretaries of their respective clubs, who, in sending in their names, shall be held to certify that the players are qualified amateur golfers in accordance with the terms of sections 9 and 10.

The other was the result of a suggestion of the president, that the interests of golf needed the establishment of local associations. The suggestion resulted in the voluntary establishment of the Metropolitan Association, the Connecticut League of Golf Clubs, the Pittsburgh League, the Associated Golf Clubs of Chicago, the Central New York Golf League, the Western Golf Association.

The following officers of the United States Golf Association were appointed for the year: President, W. B. Thomas; Vice-Presidents, Ransom H. Thomas and H. T. Whigham; Secretary, R. Bage Kerr, 26 Broad Street, New York; Treasurer, George D. Fowle; Committee, John Reid and A. M. Coats.

The amateur championship was contested on the Onwentsia Links, Chicago, from Monday, July 3, to July 8, over an eighteen-hole course. The greens were in well-nigh perfect condition; the weather, excepting for rain on the first day, was faultless. There were 112 entrants, of whom thirty-two only received the preliminary round of thirty-six holes medal play. The thirty-two qualified continued the contest by playing in matched pairs; by this means the thirty-two was reduced first to sixteen; then to eight, then to four, and finally, on the last day, to two. The best score in the qualifying round was made by Charles B. Macdonald, of the Chicago Golf Club, but the match play resulted in H. M. Harriman, who entered from the Long Island Golf Club, defeating last year's champion, Findlay S. Douglas, in the final round, two up and one to play. Mr. Harriman's success marks the advent of the American-born golfers to the highest amateur honors. The following table traces the contest between the thirty-two who qualified for match play, and shows at a glance the progress of the game each succeeding day:

| QUALIFIED.          | July 4.            | July 5.            | July 6.          | July 7.          | July 8. |
|---------------------|--------------------|--------------------|------------------|------------------|---------|
| John Reid, Jr.,     | John Reid, Jr.,    | John Reid, Jr.,    |                  |                  |         |
| Sterling Beckwith,  | 7 up, 6 to play.   | 1 up.              |                  |                  |         |
| A. M. Robbins,      | A. M. Robbins,     |                    | Walter Travis,   |                  |         |
| Richard Sykes,      | 1 up.              |                    | 2 up, 1 to play. |                  |         |
| Walter Travis,      | Walter Travis,     | Walter Travis,     |                  |                  |         |
| A. H. Smith,        | 10 up, 9 to play.  | 3 up, 1 to play.   |                  |                  |         |
| Jasper Lynch,       | C. A. Lineaweaver  |                    |                  |                  |         |
| C. A. Lineaweaver,  | 1 up, 37 holes.    |                    |                  |                  |         |
| Findlay S. Douglas, | Findlay Douglas,   | Findlay Douglas,   |                  | Findlay Douglas, |         |
| Wm. Waller,         | 13 up, 12 to play. | 13 up, 11 to play. |                  | 2 up, 1 to play. |         |
| H. H. Cummings,     | D. R. Forgan,      |                    |                  |                  |         |
| D. K. Forgan,       | 2 up, 1 to play.   |                    |                  | Findlay Douglas, |         |
| G. G. Hubbard,      | G. G. Hubbard,     |                    |                  | 7 up, 6 to play. |         |
| W. E. Eagan,        | 8 up, 6 to play.   | G. G. Hubbard,     |                  |                  |         |
| Wm. Stuart,         | J. A. Tyng,        | 5 up, 4 to play.   |                  |                  |         |
| J. A. Tyng,         | 6 up, 5 to play.   |                    |                  |                  |         |
| J. G. Thorp,        | J. G. Thorp,       |                    |                  |                  |         |
| Sheldon Carey,      | 8 up, 7 to play.   | J. G. Thorp,       |                  |                  |         |
| W. B. Smith,        | W. B. Smith,       | 2 up, 1 to play.   |                  |                  |         |
| H. McBride,         | 13 up, 12 to play. |                    |                  |                  |         |
| Wm. McCawley,       | Wm. Holabird, Jr.  |                    |                  | C. B. Macdonald, |         |
| Wm. Holabird, Jr.   | 6 up, 5 to play.   | C. B. Macdonald,   |                  | 3 up, 2 to play. |         |
| C. B. Macdonald,    | C. B. Macdonald,   | 6 up, 4 to play.   |                  |                  |         |
| Stuart Stickney,    | 14 up, 12 to play. |                    |                  |                  |         |
| Roderick Terry,     | Roderick Terry,    |                    |                  | H. M. Harriman,  |         |
| Slascon Thompson,   | 2 up, 1 to play.   | H. M. Harriman,    |                  | 6 up, 5 to play. |         |
| H. M. Harriman,     | H. M. Harriman,    | 2 up.              |                  |                  |         |
| W. C. Carnegie,     | 10 up, 8 to play.  |                    |                  |                  |         |
| J. F. Curtis,       | Walter Fairbanks   |                    |                  | H. M. Harriman,  |         |
| Walter Fairbanks,   | after 40 holes.    | H. P. Toler,       |                  | 6 up, 4 to play. |         |
| H. P. Toler,        | H. P. Toler,       | 2 up.              |                  |                  |         |
| H. C. Smith,        | 4 up, 3 to play.   |                    |                  |                  |         |

Harriman's play throughout, with few exceptions, was very brilliant. Douglas in the long game was more than his equal, but in putting was erratic.

The fifth annual open championship was played September 14 and 15, over the course of the Country Club of Baltimore, Md.—one of the most difficult courses in the country, covering for the thirty-six holes (eighteen twice around) 10,838 yards of naturally rolling land. The weather was ideal throughout. The first day's medal play, September 14, reduced the seventy-nine entrants to eight, whose scores ranged from 315 to 333. All the previous champions, Willie Dunn, 1894; Horace T. Rawlins, 1895; James Foulis, 1896; Joseph Lloyd, 1897, and Fred. Herd, 1898, were among the competitors; as was H. M. Harriman, the amateur champion.



THE GOLF SEASON OF 1899—Continued.

The championship was won by Willie Smith, of the Midlothian Golf Club, Chicago, with a total of 315, eleven strokes better than the next three competitors. His play in rounds was:

|                   |                        |                   |                        |
|-------------------|------------------------|-------------------|------------------------|
| First round.....  | 3544254746444436345—77 | Fourth round..... | 4534454635354385444—77 |
| Second round..... | 5545333547454447453—82 |                   |                        |
| Third round.....  | 354434454655446445—79  | Total.....        | 315                    |

The women's championship, and putting and driving contests took place over the links of the Philadelphia Country Club, at Bala, near Philadelphia, October 10-14. Eighteen holes medal play in the qualifying round, and eighteen holes match play until the contest was determined. The links of Bala were slightly shortened for the occasion, to 5,422 yards. There were seventy-nine entrants, of whom seventy-four played in the qualifying round October 10, whereby the sixteen to continue the match play were selected. The annexed table gives all the details of the plays:

| QUALIFYING ROUND, OCT. 10.   |     | October 11.          |                  | October 12.     |                  | October 13. |                 | October 14. |  |
|------------------------------|-----|----------------------|------------------|-----------------|------------------|-------------|-----------------|-------------|--|
| Mrs. C. F. Fox.....          | 103 | Mrs. Fox,            | 3 up, 2 to play. | Mrs. Fox,       | 1 up, 20 holes.  | Mrs. Fox,   | 1 up, 19 holes. |             |  |
| Miss Beatrice Hoyt.....      | 97  | Miss Sands,          | 7 up, 5 to play. | Miss Oliver,    | 5 up, 4 to play. |             |                 |             |  |
| Miss Florence McNeely.....   | 107 | Mrs. J. F. McFadden, | 1 up, 20 holes.  | Miss Underhill, | 3 up, 2 to play. |             |                 |             |  |
| Miss Anna Sands.....         | 101 | Miss Oliver,         | 3 up, 2 to play. | Miss Underhill, | 3 up, 2 to play. |             |                 |             |  |
| Mrs. J. F. McFadden.....     | 107 | Miss Underhill,      | 3 up, 2 to play. | Miss Underhill, | 5 up, 4 to play. |             |                 |             |  |
| Miss Genevieve Hecker.....   | 105 | Miss Mackay,         | 3 up, 2 to play. | Miss Underhill, | 5 up, 4 to play. |             |                 |             |  |
| Miss May Barton.....         | 107 | Mrs. Cochrane,       | 6 up, 5 to play. | Miss Cassatt,   | 6 up, 5 to play. |             |                 |             |  |
| Miss Marion Oliver.....      | 107 | Miss Cassatt,        | 3 up, 2 to play. |                 |                  |             |                 |             |  |
| Miss Ruth Underhill.....     | 105 |                      |                  |                 |                  |             |                 |             |  |
| Miss Jane H. Swords.....     | 106 |                      |                  |                 |                  |             |                 |             |  |
| Miss Pauline Mackay.....     | 104 |                      |                  |                 |                  |             |                 |             |  |
| Miss Alice L. Day.....       | 105 |                      |                  |                 |                  |             |                 |             |  |
| Mrs. A. DeWitt Cochrane..... | 103 |                      |                  |                 |                  |             |                 |             |  |
| Miss G. M. Bishop.....       | 106 |                      |                  |                 |                  |             |                 |             |  |
| Miss F. C. Griscom.....      | 100 |                      |                  |                 |                  |             |                 |             |  |
| Miss Elsie Cassatt.....      | 103 |                      |                  |                 |                  |             |                 |             |  |

The "long driving" contest was won by Miss Marion Oliver, with a drive of 164 feet 8 inches. The fourth intercollegiate championships were contested over the Garden City Links, October 24-28. Yale's team of five was drawn against Princeton's, and the latter won by six points to four. Harvard's team was drawn against Columbia's, and the former won, fourteen points to nothing. The concluding match was won by Harvard's team, ten points to one.

For the individual championship there were twenty-four starters over eighteen holes. The qualifying round reduced these to eight. The match round resulted as follows:

|                                 |    |            |                  |          |                  |
|---------------------------------|----|------------|------------------|----------|------------------|
| Percy R. Pyne, Princeton.....   | 86 | Pyne,      | 4 up, 2 to play. | Pyne,    | 1 up.            |
| J. A. Edwards, Columbia.....    | 81 | Hitchcock, | up, to play.     | Averell, | 5 up, 4 to play. |
| Chas. Hitchcock, Jr., Yale..... | 80 | Stuart     | up, 5 to play.   |          |                  |
| E. M. Byers, Yale.....          | 86 | Averell,   | 6 up, 4 to play. |          |                  |
| John Stuart, Princeton.....     | 82 |            |                  |          |                  |
| T. M. Robertson, Yale.....      | 86 |            |                  |          |                  |
| Jas. G. Averell, Harvard.....   | 82 |            |                  |          |                  |
| G. G. Hubbard, Harvard.....     | 82 |            |                  |          |                  |

Revolver and Pistol Records, 1899.

(Revised to December 1, 1899.)

SPORTSMEN'S ASS'N TOURNAMENT, MADISON SQUARE GARDEN, N. Y.

MARCH 9-21—Match A, Any Revolver Championship; sights strictly open—This match called for five six-shot targets, a target to consist of six consecutive shots; Standard target, 2 3/4-inch bull's-eye; possible 60 points each score:

|   |     |
|---|-----|
| Dr. A. A. Webber, Brooklyn Revolver Club.....     | 293 |
| Dr. R. H. Sasre, Knickerbocker Revolver Club..... | 290 |
| Alexander Steia, New York City.....               | 282 |
| J. A. Dietz, New York City.....                   | 283 |
| C. Smith, Massachusetts.....                      | 278 |

Match B, Military Revolver Championship—Standard target, 2 3/4-inch black; five targets of six shots each, a target to consist of six consecutive shots; distance, 20 measured yards; possible 60 points each score:

|                  |     |                           |     |
|------------------|-----|---------------------------|-----|
| Dr. Webber.....  | 274 | Z. C. Talbot.....         | 269 |
| C. Smith.....    | 272 | E. F. M. Wendelstadt..... | 264 |
| A. L. Smith..... | 271 |                           |     |

Match C, Pistol Championship—Open to all; 22-calibre pistols; targets same as in Match A; best five targets; six shots each; distance, 20 measured yards; possible 60 points each score:

|                   |     |                         |     |
|-------------------|-----|-------------------------|-----|
| Dr. Webber.....   | 284 | J. B. Crabtree.....     | 275 |
| Z. C. Talbot..... | 278 | J. W. Christiansen..... | 271 |

Match D, Police Revolver Championship—Only 32-calibre police revolvers; sights open; trigger pull not less than 2 pounds; best five targets, six shots each, consecutive; Standard target, 4-inch bull's-eye; distance, 20 yards; possible 60 points each score:

|                           |     |                           |     |
|---------------------------|-----|---------------------------|-----|
| Dr. Webber.....           | 285 | H. M. Olney.....          | 265 |
| H. S. Seeley.....         | 277 | E. F. M. Wendelstadt..... | 253 |
| E. F. M. Wendelstadt..... | 266 |                           |     |

Military Revolver Record—25 shots, 50 yards, offhand, U. S. elliptical target.

July 8—At Savannah, Ga., C. S. Richmond made a clean score of 25 consecutive bull's-eyes.

100-shot Pistol Record—50 yards, Standard American target.

August 15—At Shell Mound park range, San Francisco, Cal., J. E. Gorman made 929 points out of a possible 1,000. This score ties the record.

Military Revolver Record—100 shots, 50 yards, offhand, U. S. elliptical target.

September 20—At Glendale Shooting Park, Glendale, L. I., Dr. A. A. Webber shot for a record score; he made 455 points out of a possible 500, 90 of the 100 shots being in the bull's-eye.

Pistol Record Score—50 shots, 50 yards, offhand, Standard American target.

September 24—At Shell Mound Park, San Francisco, Cal., J. E. Gorman made 465 points out of a possible 500.

September 29—At Walnut Hill range, Mass., T. Anderson made 464.

Pistol 22 Calibre Record—10-shot score, possible 100, 50 yards, Standard American target.

September 9—Walnut Hill range, Mass., C. H. Eastman made 96.

October 21—Walnut Hill range, Mass., J. T. Humphrey made 96.

July 23—Golden Gate Rifle and Pistol Club, San Francisco, Cal., J. E. Gorman made 96.

Military Revolver Record—50 yards, two scores of six shots each, each score to be shot in one minute time, possible 60 points. U. S. elliptical target.

October 21—At Walnut Hill range, Mass., J. T. Humphrey made 58.

October 28—E. E. Patridge made 50.

## Billiards Records.

(Revised to December 1, 1899.)

**Three-Ball Straight Rail.**—Highest run on record, 1,531, on a 5x10 table, by Maurice Vignaux, at Paris, France, April 10-14, 1880, against George F. Slosson. Harvey McKenna, the celebrated rail player, in an exhibition game on a 5x10 table scored a run of 2,672, and an average of 416½, at Boston, Mass., December 21, 1887; and Jacob Schaefer, in a match game played at San Francisco, Cal., in 1890, scored a run of 3,000 points on a 4½x9 table. His average was 750. The best average at the three-ball straight-rail game, on a 5x10 table, is 333½, by Jacob Schaefer, at Central Music Hall, Chicago, May 15, 1879.

**Cushion Caroms.**—Highest run, 77, on a 5x10 table, by William Sexton, at Tammany Hall, New York, December 19, 1881, against Jacob Schaefer. Best tournament average, 10 in 200 points, on a 5x10 table, by Jacob Schaefer, at Chicago, November 10, 1887. Best match average, 4 7/8-106 in 500 points, on a 5x10 table, by George F. Slosson, at Chicago, April 4, 1887.

Frank C. Ives made a run of 85 in exhibition tournament play for an announced purse of money, Bumstead Hall, Boston, Mass., April 14. There was no award of prize money.

**Balk-Line Game.**—Highest run at 8-inch balk-line game, 329, on a 5x10 table; the highest average is 44 5/8-67; both by Maurice Vignaux, at Paris, January, 1884.

Highest run at 14-inch balk-line game, anchor nurse permitted, 566, by Jacob Schaefer, New York, December 16, 1893. At anchor nurse barred, Frank C. Ives made 359, at Chicago, December 6, 1894.

Jacob Schaefer made a run of 111 in exhibition tournament play at 18-inch balk-line game, with one carom permitted when object balls were within the balk-line or anchor-box space. Central Music Hall, Chicago, Ill., May 22, 1896.

With anchor nurse allowed, in tournament play, Jacob Schaefer made an average of 100 at 14-inch balk-line game, New York, December, 1893, and Frank C. Ives made an average of 100, Chicago, January, 1894. Ives made an average of 63 2-10 at anchor barred, New York, November 13, 1894.

Frank C. Ives made a single game average of 50 at 18-inch balk-line game, in exhibition tournament play, with but five caroms permitted when object balls were within the anchor-box space. Madison Square Garden Concert Hall, New York, April 2, 1896.

Frank C. Ives made a single game average of 19 21-24 at 18-inch balk-line game, with but one carom permitted when object balls were within any balk-line or anchor-box space, in exhibition tournament play. Central Music Hall, Chicago, Ill., May 21, 1896.

George Sutton made a run of 215 at 14-inch balk-line game, a record for players below the first grade (known as "short-stops"), Chicago, June, 1897. W. A. Spinks made an average of 40 at 14-inch balk-line game, a record for "short-stops," Pittsburgh, Pa., March, 1897.

The best amateur records in competition are held by Wayman C. McCreery, of St. Louis, who made a high run of 139 and an average of 13½ (for 400 points) in the Class A championship tournament, at New York, February 13, 1899. The best run for Class B amateurs is 97, made by J. Byron Stark, of New York, and the best average 10 10-29 (for 300 points), also held by Stark.

**English Game.**—John Roberts, of London, England, holds the record for the highest run, 1,392, scored at English "spot-barred" billiards (the recognized game in England now), 1894. W. J. Peall, of London, England, holds the record for the highest run, 1,888, with "spot-stroke" permitted, scored in a match game, 1890; in an exhibition game he scored 3,304 at the same style of play.

### BILLIARDS EVENTS IN 1898-99.

During the year just ended billiard lovers were treated to two big professional matches between George F. Slosson and Jacob Schaefer, and amateur championship meetings under the auspices of the Amateur Athletic Union, in two sections, for Class A and Class B players. The A. A. U.'s efforts to control amateur billiards were prosecuted vigorously and successfully until October, when two factions rebelled against the Union's restrictions and formed their own organizations, one in New York and a second in Chicago. The A. A. U. did not relinquish the struggle, but announced its usual championship tournaments to correspond with those of last Winter, and barred out those who played in the unregistered tournaments.

The A. A. U. championships for last Winter were both contested for at the Knickerbocker A. C., in New York. The tournament for Class B players began December 4, 1898, and ended December 19, 1898. The championship was won by J. Byron Stark, of New York, who won six games and lost none. His best average was 10.34, his highest run 47, and his grand average 7.72. Alexander Taylor, of Chicago, and J. De Mun Smith, of St. Louis, tied for second, and Taylor won on the play-off. The style of game was 14-inch balk-line, the games being 300 points each. Referee, Edward McLaughlin.

The Class A amateur championship tournament was held at the Knickerbocker A. C., New York, February 14-19, 1899. Three players were entered, Martin Mullen, of Cleveland; Wilson P. Foss, of Haverstraw, N. Y., and Wayman C. McCreery, of St. Louis. Each played the others twice, the games being 400 points each at 14-inch balk-line, with ten shots allowed in the anchor spaces. Mullen won the championship, beating Foss twice and winning and losing with McCreery. His final record was 3 games won and 1 lost, his grand average 8.29, and his best run 73. Foss finished second, beating McCreery both times but losing twice to Mullen. His record was: Won 2, lost 2; high run, 133; grand average, 8.26. McCreery won only one game in the series, his record being: Won 1, lost 3; high run, 139; grand average, 9.16. Two new amateur records were created by McCreery in his first game (against Mullen), when he averaged 13½ (for 400 points), and made a run of 139. Referee, Edward McLaughlin.

A match was played early in the Spring between George F. Slosson and Jacob Schaefer with two games, one each at 18-inch balk-line and cushion caroms. These took place at the Lenox Lyceum, New York, May 15 and 22, 1899. The result was as follows: Balk-line—Schaefer, 600; average, 13 28-44; high run, 139. Slosson, 418; average 9.31-43; high run, 62. Cushion caroms—Slosson, 400; average, 4 5/8-87; high run, 34. Schaefer, 359; average, 4 15/8-86; high run, 55. Referee, Frank A. Keeney, of Brooklyn. The stakes were \$500 a side on each game.

Another match was played between George F. Slosson and Jacob Schaefer in the Fall, the style of play being at cushion caroms for three nights. It took place at the Madison Square Garden Concert Hall, New York, October 30, 31, and November 1, 1899. The result was as follows: First night—Slosson, 300; average, 4 5/8-62; high run, 37. Schaefer, 185; average, 2 61-62; high run, 21. Second night—Slosson, 300; average, 3 63-79; high run, 22. Schaefer, 310; average, 3 76-78; high run, 35. Third night—Slosson, 300; average, 5 10-59; high run, 21. Schaefer, 262; average, 4 34-57; high run, 41. Grand totals—Slosson, 900; Schaefer, 757. Grand averages—Slosson, 4.56; Schaefer, 3.84. Highest runs—Slosson, 37; Schaefer, 41. Referee—Frank A. Keeney, of Brooklyn. The stakes were \$500 a side.

Frank C. Ives, who was generally referred to as the "Napoleon" of billiards, died of consumption at Progreso, Mexico, August 30, 1899. By most students of the game he was considered to be the greatest professional billiardist that ever lived, and a study of the records to his credit, as shown above, proves his right to this praise.

WHEN 1899 began the world's championship at continuous pool was held by Jerome R. Keogh, of Scranton, Pa. Early in the Winter Keogh played a three-night exhibition match at Daly's Academy, in New York, with Alfred De Oro, of New York, the former champion.

De Oro then challenged Keogh for the championship and the match was played in Chicago, April 10, 11 and 12, 1899, under the regular championship conditions, 600 balls, 200 each night. The score follows: First night—De Oro, 208; Keogh, 145. Second night—De Oro, 192; Keogh, 118. Third night—De Oro, 200; Keogh, 252. Totals—De Oro, 600; Keogh, 515.

Fred. J. Payton, of Omaha, Neb., challenged De Oro for the championship, and this match was played at Daly's Academy, in New York, November 30, December 1 and 2, 1899. The score follows: First night—De Oro, 205; Payton, 182. Second night—De Oro, 199; Payton, 170. Third night—De Oro, 196; Payton, 127. Totals—De Oro, 600; Payton 479.

Skating Records.

(Revised to December 1, 1899.)

ALL performances are by amateurs, except where marked (Pro.)—professional. Except when otherwise stated, all performances are from a standing start, and without assistance from the wind.

| DISTANCE.    |    | Time.  | Name.                                       | DISTANCE.    |      | Time.  | Name.  |
|--------------|----|--------|---|--------------|------|--------|--|
|              | M. | S.     |   |              | M.   | S.     |  |
| 100 yards..  | .. | 9 4-5  | J. S. Johnson.                              | 109361.11 yd | 17   | 56     | J. J. Eden.  |
| 100 "        | .. | 9      | H. Davidson, with wind.                     | (10,000 m.)  |      |        |  |
| 100 "        | .. | 7      | H. Davidson, flying start,                  | 7 miles.     | 21   | 43     | } J. S. Johnson.   |
|              |    |        | with wind,                                  | 8 "          | 24   | 55     |  |
|              |    |        | H. Moshier, flying start,                   | 9 "          | 28   | 04     |  |
| 100 "        | .. | 7      | with wind.                                  | 10 "         | 31   | 11 1-5 | } A. D. Smith.   |
| 120 "        | .. | 11 3-5 | J. S. Johnson.                              | 15 "         | 49   | 17 3-5 |  |
| 150 "        | .. | 15 7-8 | G. D. Phillips.                             |              |      |        |  |
| 150 "        | .. | 14 1-5 | G. D. Phillips, with wind.                  |              | H.M. | S.     |  |
| 150 "        | .. | 14 1-5 | S. D. See, with wind.                       | 20 "         | 1 06 | 36 2-5 | } A. D. Smith.   |
| 200 "        | .. | 17 2-5 | J. S. Johnson.                              | 25 "         | 1 31 | 29     |  |
| 200 "        | .. | 16 2-5 | J. C. Hemment, with wind.                   | 30 "         | 1 53 | 20     |  |
| 220 "        | .. | 20 1-5 | J. S. Johnson, curved course                | 35 "         | 2 13 | 35     |  |
| 220 "        | .. | 17 4-5 | H. Davidson, with wind.                     | 40 "         | 2 34 | 46     |  |
| 300 "        | .. | 31 2-5 | G. D. Phillips.                             | 45 "         | 2 56 | 20     |  |
| 440 "        | .. | 33 1-5 | H. Davidson, with wind.                     | 50 "         | 3 15 | 59 2-5 |  |
| 546.8 yards  | .. | 46 3-5 | P. Oestlund.                                | 55 "         | 3 41 | 35 3-5 | } J. F. Donoghue, in 100-mile race; track 880 yds. in circuit; Cove Pond, Stamford, Ct., January 26, 1893. |
| (500 met's)  |    |        |   | 60 "         | 4 07 | 00 3-5 |  |
| 546.8 yards  | .. | 41 4-5 | J. S. Johnson, with wind.                   | 65 "         | 4 29 | 41 4-5 |  |
| (500 met's)  |    |        |   | 70 "         | 4 55 | 15 3-5 |  |
| 850 yards..  | 1  | 22     | P. Oestlund and J.S. Johnson                | 75 "         | 5 19 | 16 4-5 |  |
| 880 "        | 1  | 05 2-5 | J. F. Donoghue, with wind.                  | 80 "         | 5 41 | 55     |  |
| 880 "        | 1  | 05 2-5 | O. Rudd, with wind.                         | 85 "         | 6 05 | 08 2-5 |  |
| ¾ mile..     | 2  | 13     | J. S. Johnson.                              | 90 "         | 6 25 | 57 3-5 |  |
| 1 500 m'ts.  | 2  | 23 3-5 | P. Oestlund.                                | 95 "         | 6 51 | 07 1-5 |  |
| 1 mile ..    | 2  | 45     | J. S. Johnson.                              | 100 "        | 7 11 | 38 1-5 |  |
| 1 "          | 2  | 12 3-5 | Tim Donoghue, Jr., straight-away with wind. | 145 "        |      |        | } Inside of 19 hours. John Ennis(Pro.), on 9-lap track   |
| 1½ miles     | 4  | 45     | James Smart (Eng., Pro.).                   | 150 "        | 44   | 57 45  |  |
| 2 "          | 5  | 42 3-5 | O. Rudd.                                    | 200 "        | 63   | 44 35  |  |
| 5468.1 yds.  | 8  | 37 3-5 | J. J. Eden.                                 | 250 "        | 79   | 05 30  | } E. St. Clair Milliard (Pro.), on 9-lap track.  |
| (5,000 mts.) |    |        |   | 300 "        | 92   | 04 00  |  |
| 4 miles.     | 12 | 00 ½   | J. Nilsson.                                 | 400 "        | 138  | 35 00  |  |
| 5 "          | 14 | 47     | J. Nilsson.                                 | 421 "        | 141  | 47 00  |  |

Ice Hockey.

THE Amateur Hockey League, composed of the New York Athletic Club, Crescent Athletic Club, Brooklyn Skating Club, St. Nicholas Skating Club, Montclair Athletic Club, and the Hockey Club of New York, included five teams in its championship series of 1898-99, representing all but the Crescent Athletic Club of the clubs named above.

The League championship was won by the Brooklyn Skating Club, the Hockey Club of New York being second, by the following score:

| CLUBS.                         | GAMES. |        |       | GOALS SCORED. |          |
|--------------------------------|--------|--------|-------|---------------|----------|
|                                | Won.   | Drawn. | Lost. | For.          | Against. |
| Brooklyn Skating Club.....     | 8      | 0      | 0     | 43            | 9        |
| Hockey Club of New York.....   | 5      | 1      | 2     | 27            | 12       |
| New York Athletic Club.....    | 4      | 1      | 3     | 16            | 14       |
| Montclair Athletic Club.....   | 1      | 0      | 7     | 9             | 27       |
| St. Nicholas Skating Club..... | 1      | 0      | 7     | 5             | 38       |

The League championship for the season of 1897-98 was won by the New York Athletic Club, which also won the title for 1896-97.

The Intercollegiate Hockey League was formed during the season of 1898-99 with Yale, Brown, Columbia, and the University of Pennsylvania. The championship games were played in the artificial ice rinks of New York, Brooklyn, and Philadelphia, Yale finally winning the championship by the following score:

| CLUBS.                          | GAMES. |        |       | GOALS SCORED. |          |
|---------------------------------|--------|--------|-------|---------------|----------|
|                                 | Won.   | Drawn. | Lost. | For.          | Against. |
| Yale University.....            | 3      | 0      | 0     | 10            | 4        |
| University of Pennsylvania..... | 2      | 0      | 1     | 7             | 6        |
| Brown University.....           | 1      | 0      | 2     | 5             | 7        |
| Columbia University.....        | 0      | 0      | 3     | 2             | 7        |

## Walking Records.

(Revised to December 1, 1899.)

(Am.) American. (Aus.) Australasia. (Eng.) England.

| DISTANCE. | Professional.     | Time. |                       | Amateur.               | Time. |                       |
|-----------|-------------------|-------|-----------------------|------------------------|-------|-----------------------|
|           |                   | H.    | M. S.                 |                        | H.    | M. S.                 |
| 1 mile    | W. Perkins (Eng.) | ..    | 6 23                  | H. Whyatt (Eng.)       | ..    | 6 32 1-5              |
| 1 "       | "                 | ..    | ..                    | F. P. Murray (Am.)     | ..    | 6 29 3-5              |
| 1 "       | "                 | ..    | ..                    | F. H. Creamer (Aus.)   | ..    | 6 27 2-5              |
| 2 "       | "                 | ..    | ..                    | F. P. Murray (Am.)     | ..    | 13 48 3-5             |
| 2 "       | J. W. Raby (Eng.) | ..    | 13 14                 | W. J. Sturgess (Eng.)  | ..    | 13 24                 |
| 3 "       | J. W. Raby (Eng.) | ..    | 20 21 $\frac{1}{2}$   | W. J. Sturgess (Eng.)  | ..    | 21 14                 |
| 3 "       | "                 | ..    | ..                    | F. P. Murray (Am.)     | ..    | 21 09 1-5             |
| 4 "       | J. W. Raby (Eng.) | ..    | 27 38                 | W. J. Sturgess (Eng.)  | ..    | 28 24 4-5             |
| 5 "       | J. W. Raby (Eng.) | ..    | 35 10                 | W. J. Sturgess (Eng.)  | ..    | 36 27                 |
| 6 "       | J. W. Raby (Eng.) | ..    | 43 01                 | W. J. Sturgess (Eng.)  | ..    | 43 58 3-5             |
| 7 "       | J. W. Raby (Eng.) | ..    | 51 04                 | W. J. Sturgess (Eng.)  | ..    | 51 27                 |
| 8 "       | J. Meagher (Am.)  | ..    | 58 37                 | W. J. Sturgess (Eng.)  | ..    | 58 56                 |
| 9 "       | J. W. Raby (Eng.) | ..    | 1 07 14               | W. J. Sturgess (Eng.)  | ..    | 1 09 31 2-5           |
| 10 "      | J. W. Raby (Eng.) | ..    | 1 14 45               | W. J. Sturgess (Eng.)  | ..    | 1 16 57               |
| 11 "      | J. W. Raby (Eng.) | ..    | 1 22 38               | W. J. Sturgess (Eng.)  | ..    | 1 25 53 2-5           |
| 12 "      | J. W. Raby (Eng.) | ..    | 1 30 34               | W. J. Sturgess (Eng.)  | ..    | 1 34 34               |
| 13 "      | J. W. Raby (Eng.) | ..    | 1 38 46 $\frac{1}{2}$ | W. J. Sturgess (Eng.)  | ..    | 1 42 59 3-5           |
| 14 "      | J. W. Raby (Eng.) | ..    | 1 47 11 $\frac{1}{2}$ | T. Griffith (Eng.)     | ..    | 1 51 43               |
| 15 "      | J. W. Raby (Eng.) | ..    | 1 55 56               | T. Griffith (Eng.)     | ..    | 2 00 27               |
| 20 "      | W. Perkins (Eng.) | ..    | 2 39 57               | T. Griffith (Eng.)     | ..    | 2 47 52               |
| 30 "      | W. Howes (Eng.)   | ..    | 4 34 54               | W. E. N. Cotton (Eng.) | ..    | 4 46 52               |
| 40 "      | W. Howes (Eng.)   | ..    | 6 16 50               | A. W. Sinclair (Eng.)  | ..    | 6 38 03               |
| 50 "      | I. Hibberd (Eng.) | ..    | 7 54 16               | A. W. Sinclair (Eng.)  | ..    | 8 25 25 $\frac{1}{2}$ |
| 60 "      | I. Hibberd (Eng.) | ..    | 9 40 47               | A. W. Sinclair (Eng.)  | ..    | 11 11 10              |
| 70 "      | I. Hibberd (Eng.) | ..    | 11 38 35              | A. W. Sinclair (Eng.)  | ..    | 13 11 15              |
| 80 "      | W. Howes (Eng.)   | ..    | 14 01 53              | A. W. Sinclair (Eng.)  | ..    | 15 09 16              |
| 90 "      | W. Howes (Eng.)   | ..    | 15 59 10              | A. W. Sinclair (Eng.)  | ..    | 17 37 51              |
| 100 "     | W. Howes (Eng.)   | ..    | 18 08 15              | A. W. Sinclair (Eng.)  | ..    | 19 41 50              |
| 120 "     | W. Howes (Eng.)   | ..    | 22 06 25              | A. W. Sinclair (Eng.)  | ..    | 23 53 03              |
| 150 "     | Littlewood (Eng.) | ..    | 30 36 28              | .....                  | ..    | ..                    |
| 200 "     | Littlewood (Eng.) | ..    | 40 46 30              | .....                  | ..    | ..                    |
| 250 "     | Littlewood (Eng.) | ..    | 55 12 22              | .....                  | ..    | ..                    |
| 300 "     | Littlewood (Eng.) | ..    | 66 30 00              | .....                  | ..    | ..                    |
| 400 "     | Littlewood (Eng.) | ..    | 96 51 03              | .....                  | ..    | ..                    |
| 500 "     | Littlewood (Eng.) | ..    | 130 34 00             | .....                  | ..    | ..                    |
| 531 "     | Littlewood (Eng.) | ..    | 138 49 08             | .....                  | ..    | ..                    |

## GREATEST DISTANCE IN ONE HOUR.

| DISTANCE. | Professional.                  | Amateur.              |
|-----------|--------------------------------|-----------------------|
| 8 miles   | 302 yards..... J. Meagher..... | ..... W. J. Sturgess. |
| "         | 270 "                          | .....                 |

## GREATEST DISTANCE IN TWENTY-FOUR HOURS.

|                |                                       |                       |
|----------------|---------------------------------------|-----------------------|
| 127 miles      | 1,201 yards..... W. Howes (Eng.)..... | .....                 |
| 120 miles..... | .....                                 | A. W. Sinclair (Eng.) |

## Shot-Gun Records of 1899.

(Revised to December 2, 1899.)

(These records were compiled by Edward Banks, Sec.-Treas. of the Interstate Association.)

JANUARY 21—Holmesburg Junction, Pa.—Contest for E. C. Cup and Inanimate target championship of America. R. O. Heikes, 129; E. D. Fulford, 123.

January 23-24—Grand Prix de Monte Carlo, —124 entries. Won by M. Moncorgé.

February 21-22—Garden City, L. I.—Amateur championship at Carteret Club. Won by George S. McAlpin, 96; Louis T. Duryea, second, 95.

March 2-15—R. O. Heikes won Sportsmen's Association Championship, Madison Square Garden.

April 12-14—Grand American Handicap, Elkwood Park, N. J.—25 live birds; \$25 entrance; handicaps from 25 to 33 yards; 278 entries. Six men tied on straight scores of 25 each, and won \$305.05 apiece; twenty-five men tied on 24, and each won \$105.05; forty-nine men tied on 23, and each won \$36. The cup was won by T. A. Marshall, of Keithsburg, Ill., with 58 straight; C. M. Grimm, of Clear Lake, Ia., was second, with 57 out of 58.

April 14—Elkwood Park, N. J.—100 live birds per man; \$100 a side; 30 yards rise; 50 yards boundary. F. S. Parmelee, 94; J. L. Brewer, 89.

May 3—Peru, Ind.—A squad of five men at the Peru tournament—Dr. O. F. Britton, Indianapolis, Ind.; F. D. Alkire, Woodyly, O.; E. D. Rike, Dayton, O.; J. L. Head, Peru, Ind., and H. W. Cadwallader, Danville, Ill.—shooting at 20 targets each, unknown angles, made a world's record of 100 straight.

May 4—Lincoln, Neb.—The world's record for a squad of five men, shooting at 20 targets each, made at Peru, Ind., May 3, was equalled by a squad at the Nebraska State shoot, composed as follows: George Rogers, Lincoln, Neb.; A. B. Daniels, Denver, Col.; W. S. Duer, Hastings, Neb.; C. A. Young, Springfield, O., and F. S. Parmelee, Omaha, Neb.

May 8—Peoria, Ill.—A squad of five men, composed as follows: E. D. Fulford, Utica, N. Y.; C. M. Powers, Decatur, Ill.; F. Gilbert, Spirit Lake, Ia.; R. O. Helkes, Dayton, O., and C. A. Young, Springfield, O., made a new world's record at target shooting, scoring 193 straight.

May 8—Peoria, Ill.—C. A. Young, Springfield, O., broke 211 targets straight, the longest run on record.

May 11—Peoria, Ill.—W. R. Crosby, of O'Fallon, Ill., won Board of Trade diamond badge, with a score of 60 straight on live birds.

May 20—St. Louis, Mo.—W. R. Crosby won the open competition for the E. C. Cup and the Inanimate target championship at Missouri State shoot, scoring 265 out of 300 targets; Fred. Gilbert and C. A. Young were tied for second, with 262 breaks each.

## SHOT-GUN RECORDS OF 1899—Continued.

- May 20—St. Louis, Mo.—A. B. Daniels won the open competition for the Du Pont trophy at live birds, scoring 45 straight.
- May 20—St. Louis, Mo.—C. A. Young won the open competition for the Republic trophy at live birds, scoring 119 out of 120; J. A. R. Elliott second, with 117 out of 119.
- May 22—St. Louis, Mo.—Match at 100 live birds per man; \$100 a side; 30 yards rise; 50 yards boundary. J. A. R. Elliott, 96; Dr. J. W. Smith, 88.
- June 6—Buffalo, N. Y.—In the opening target event at the New York State shoot there were 161 entries, the largest number of entries on record in a target event.
- June 24—Batavia, N. Y.—Contest for the E. C. Cup and the inanimate target championship. W. R. Crosby, 128; J. A. R. Elliott, 124.
- July 1—Denver, Col.—Match for the Du Pont trophy; 100 live birds per man. J. A. R. Elliott, 98; A. B. Daniels, 97.
- July 14—Lyndhurst, N. J.—Match at 100 live birds per man; \$100 a side; 30 yards rise; 40 yards boundary. H. B. Money, 95; Aaron Doty, 95; tie not shot off.
- July 18—Springfield, O.—Match for the Republic Cup; 100 live birds per man; 30 yards rise; 50 yards boundary. J. A. R. Elliott, 93; C. A. Young, 92.
- July 21—Kent, O.—Match for the cast-iron medal at 100 live birds per man; 30 yards rise; 50 yards boundary. J. A. R. Elliott, 95; R. O. Heikes, 94.
- July 24—Batavia, N. Y.—Match for the E. C. Cup and the inanimate target championship. J. A. R. Elliott, 136; W. R. Crosby, 132.
- August 23—Atlantic City, N. J.—Match for the E. C. Cup and the inanimate target championship. W. R. Crosby, 139; J. A. R. Elliott, 128.
- August 24—Atlantic City, N. J.—Match for the cast-iron medal; 100 live birds per man; 30 yards rise; 50 yards boundary. J. A. R. Elliott, 95; C. A. Young, 93.
- September 19—Holmesburg Junction, Pa.—Match at 100 live birds per man; \$100 a side; 30 yards rise; 50 yards boundary. J. A. R. Elliott, 96; E. H. Buckwalter, 92.
- September 21—Yardville, N. J.—Match for the cast-iron medal; 100 live birds per man; 30 yards rise; 50 yards boundary. J. A. R. Elliott, 95; Charles Zwirlein, 81.
- October 3—Kansas City, Mo.—Contest for the *Sportsmen's Review* trophy; 100 live birds per man; 30 yards rise; 50 yards boundary. W. R. Crosby, 98; J. A. R. Elliott, 97.
- October 4—Kansas City, Mo.—Contest for the Republic Cup; 100 live birds per man; 30 yards rise; 50 yards boundary. J. A. R. Elliott, 100 straight; W. R. Crosby, 97.
- October 13—Batavia, N. Y.—Contest for the E. C. Cup and the inanimate target championship. W. R. Crosby, 132; R. O. Heikes, 130.
- October 26—Nashville, Tenn.—Contest for the cast-iron medal; 100 live birds per man; 30 yards rise; 50 yards boundary. J. A. R. Elliott, 99; J. De Bow, 93.
- November 24-25—Kansas City, Mo.—Team race, ten men a side, between Omaha and Kansas City; 50 live birds per man; 30 yards rise; 50 yards boundary. Omaha team, 439; Kansas City team, 437.
- December 2—Lyndhurst, N. J.—Match for the Republic Cup, between J. A. R. Elliott and Aaron Doty; 100 live birds per man; 30 yards rise; 40 yards boundary. Elliott, 91; Doty, 81.

## Bowling.

(Revised to December 4, 1899.)

The Interstate Bowling League was organized in Brooklyn November 21, 1895. The opening championship series was played in the Spring of 1896. The New York Club won the championship with 20 games won and 12 lost. The New York Club won in 1897 with a record of 37 games won and 11 lost, and also won the championship in 1898 with a record of 48 games won and 12 lost. In 1899 the Niagara Falls Club withdrew from the League, and Olean, Erie, and Rochester clubs were admitted to membership. The record for 1899 follows:

| CLUBS.          | New York. | Brooklyn. | Buffalo. | Rochester. | Erie. | Olean. | Games Won. |
|-----------------|-----------|-----------|----------|------------|-------|--------|------------|
| New York.....   | 7         | 8         | 11       | 10         | 9     | 45     |            |
| Brooklyn.....   | 5         | 7         | 8        | 10         | 8     | 38     |            |
| Buffalo.....    | 4         | 5         | 5        | 6          | 8     | 28     |            |
| Rochester.....  | 1         | 4         | 7        | 7          | 7     | 26     |            |
| Erie.....       | 2         | 2         | 6        | 5          | 6     | 21     |            |
| Olean.....      | 3         | 4         | 4        | 5          | 6     | 22     |            |
| Games lost..... | 15        | 22        | 32       | 34         | 39    | 38     |            |

The Empire Club, of New York, in a game in the Harlem League at the Harlem Palace Alleys on November 27, 1899, made a score of 1,103, which is the competition record since the adoption of the two-ball game by the American Bowling Congress. The individual scores made in this game were: Voorhees, 236; Mische, 233; Stoff, 212; Sohl, 192; Arnold, 230. Total, 1,103. Strikes, 29; spares, 15; breaks, 6.

Bowlers credited with the maximum (300) score on regulation alleys are: Charles Starr, Golden Rod; W. B. Sellers, Echo Club; John Howick, Western Club, of Detroit; G. Wadeigh, New Jersey A. C.; C. B. Stoddard, Buffalo; 'Les' Freude, Mutual B. C., and R. Menninger, Brooklyn.

The winners of the principal tournaments last season were: American National, Albion, of Paterson; Arlington Head-Pin, Astoria No. 1; Greater New York Tournament, Metropolitan; Associated Cycling Clubs of New York, Royal Arcanum Wheelmen; Arlington National of Brooklyn, Metropolitan; Brooklyn Royal Arcanum Sub-Tournament, Gilbert Council; Arlington League of New York, Fidelia; Morning Newspaper League, the Sun; Commercial League, Passavant & Co.; United Bowling Clubs, Rosedale; Kings County Tournament, Templeton; Suburban Athletic League, Roseville A. A.; Brooklyn National, Manhattan; Uncle Sam National, Golden Rod; Morris and Essex League, Roseville A. A.; North Side League, Knickerbocker; Brooklyn Royal Arcanum, Gilbert Council; Arlington Hall Women's Tournament of Brooklyn, Senate Club; Harlem Republican Club, Phoenix; Wholesale Drug Trade Association, Colgate & Co.; New York Royal Arcanum League, Our Council; Athlete Head-Pin Tournament, Fidelia; Brooklyn Women's Bowling League, Monarch Club; Bank Clerks', Chase National Bank; Associated Cycling Clubs of Long Island, Class A, Bushwick, Class B, Tamaqua; Yorkville League, Village No. 1; Harlem League, Belydore.

In the Greater New York Bowling Club tour 294 games were played, 235 resulting in victories. The team established a world's record for foreign alleys at Fostoria, Ohio, February 14, by rolling a score of 1,045 pins.

## Football Records.

THE football season of 1899 was one of the most interesting in the history of the great American college game. It was notable for the fact that so many first-class teams were developed. Of the so-called "Big Four," Harvard was the only team that has played throughout the season without a defeat. The Indians, however, scored 10 points against them.

Princeton, Yale, and the University of Pennsylvania have been beaten by colleges that were supposed to have been in the second class. Columbia for the first time in more than twenty years developed a formidable team, and after stopping the Princeton team from scoring more than 11 points, defeated the Yale team by a score of 5 to 0. Cornell defeated Princeton by a score of 5 to 0, and followed this up by defeating Columbia by a score of 29 to 0. Lafayette showed its right to be considered a factor in the football world by defeating University of Pennsylvania and Cornell. The team from the Indian Training School displayed remarkable strength this season. Indeed, the Indians played better football this season than ever before. The fact that they defeated the University of Pennsylvania and Columbia and scored 10 points against Harvard demonstrates this. The question as to which college had the best team is rather a complicated one. There are those who believe that Harvard has a clear right to the honor, basing their claim on the fact that Harvard has won every game it has played this season, and has only been scored against once. Those who believe that Princeton is entitled to the honor base their claim on Princeton's defeat of Yale after the latter had prevented Harvard from scoring against them. The following figures will doubtless keep experts busy in discussion for some time to come.

### INTERCOLLEGIATE FOOTBALL ASSOCIATION.

The records of the first eight years of the Intercollegiate Football Association are summarized in the following table, which shows the number of games won by each college each year.

| COLLEGE.       | 1877 | 1878. | 1879. | 1880. | 1881. | 1882. | 1883. | 1884. |
|----------------|------|-------|-------|-------|-------|-------|-------|-------|
| Yale.....      | 2    | 2     | 0     | 2     | 2     | 3     | 2     | 3     |
| Princeton..... | 2    | 3     | 1     | 2     | 1     | 1     | 1     | 3     |
| Harvard.....   | 1    | 1     | 0     | 1     | 1     | 2     | 0     | 2     |
| Columbia.....  | 0    | 0     | 0     | 0     | 0     | 0     | 0     | *     |

\* Columbia was dropped in 1884.

The Association was reorganized in 1885 with the following members: Yale, Princeton, Harvard, University of Pennsylvania, and Wesleyan. The record from that year to date follows:

| COLLEGE.     | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | 1891. | 1892. | 1893. | 1894. | 1895. | 1896. | 1897 | 1898 | 1899. |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|-------|
| Yale.....    | 2     | 3     | 4     | 4     | 3     | 3     | 3     | 3     | 3     | 1     | 1     | 0     | 1    | 0    | 0     |
| Princeton..  | 3     | 3     | 2     | 3     | 4     | 2     | 2     | 1     | 1     | 0     | 0     | 1     | 0    | 1    | 1     |
| Harvard..    | 0     | 2     | 3     | 2     | 2     | *     | *     | *     | *     | ..    | ..    | ..    | ..   | ..   | ..    |
| Univ. of Pa. | 0     | 1     | 0     | 1     | 0     | 1     | 1     | 2     | +     | ..    | ..    | ..    | ..   | ..   | ..    |
| Wesleyan.    | 1     | 0     | 1     | 0     | 1     | 0     | 1     | 0     | +     | ..    | ..    | ..    | ..   | ..   | ..    |

\* Harvard withdrew from the Intercollegiate Association late in 1889, but played an independent game with Yale at Springfield, Mass., each year after until 1895. Then after an interval of three years the elevens again met in 1897. These games resulted as follows:

|                            |                            |                            |
|----------------------------|----------------------------|----------------------------|
| 1890—Harvard, 12; Yale, 6. | 1893—Yale, 6; Harvard, 0.  | 1898—Harvard, 17; Yale, 0. |
| 1891—Yale, 10; Harvard, 0. | 1894—Yale, 12; Harvard, 4. | 1899—Harvard, 0; Yale, 0.  |
| 1892—Yale, 6; Harvard, 0.  | 1897—Yale, 0; Harvard, 0.  |                            |

+ University of Pennsylvania and Wesleyan withdrew.

The scores of the Yale-Harvard, Yale-Princeton, and Harvard-Princeton games are as follows. The system of scoring previous to 1898 was 4 points for touchdown, 2 points for goal from touchdown, 5 points for goal from field, and 2 points for safety. The season of 1898 was played under the revised scoring rules, 5 points for touchdown and 1 point for goal from touchdown, goal from field and safety counting the same:

| YALE-HARVARD.                |                              |                               |
|------------------------------|------------------------------|-------------------------------|
| 1883—Yale, 23; Harvard, 2.   | 1888—Harvard forfeited.      | 1893—Yale, 6; Harvard, 0.     |
| 1884—Yale, 52; Harvard, 0.   | 1889—Yale, 6; Harvard, 0.    | 1894—Yale, 12; Harvard, 4.    |
| 1885—No game played.         | 1890—Harvard, 12; Yale, 6.   | 1897—Yale, 0; Harvard, 0.     |
| 1886—Yale, 29; Harvard, 4.   | 1891—Yale, 10; Harvard, 0.   | 1898—Harvard, 17; Yale, 0.    |
| 1887—Yale, 17; Harvard, 8.   | 1892—Yale, 6; Harvard, 0.    | 1899—Harvard, 0; Yale, 0.     |
| YALE-PRINCETON.              |                              |                               |
| 1883—Yale, 6; Princeton, 0.  | 1889—Princeton, 10; Yale, 0. | 1895—Yale, 20; Princeton, 10. |
| *1884—Yale, 6; Princeton, 4. | 1890—Yale, 32; Princeton, 0. | 1896—Princeton, 24; Yale, 6.  |
| 1885—Princeton, 6; Yale, 5.  | 1891—Yale, 19; Princeton, 0. | 1897—Yale, 6; Princeton, 0.   |
| *1886—Yale, 4; Princeton, 0. | 1892—Yale, 12; Princeton, 0. | 1898—Princeton, 6; Yale, 0.   |
| 1887—Yale, 12; Princeton, 0. | 1893—Princeton, 6; Yale, 0.  | 1899—Princeton, 11; Yale, 10. |
| 1888—Yale, 10; Princeton, 0. | 1894—Yale, 24; Princeton, 0. |                               |

\* Game unfinished.

| HARVARD-PRINCETON.              |                                  |                                 |
|---------------------------------|----------------------------------|---------------------------------|
| 1883—Princeton, 26; Harvard, 7. | 1887—Harvard, 12; Princeton, 0.  | 1895—Princeton, 12; Harvard, 4. |
| 1884—Princeton, 34; Harvard, 6. | 1888—Princeton, 18; Harvard, 6.  | 1896—Princeton, 12; Harvard, 0. |
| 1886—Princeton, 12; Harvard, 0. | 1889—Princeton, 41; Harvard, 15. |                                 |

### NEW YORK STATE INTERCOLLEGIATE ATHLETIC ASSOCIATION.

Wesleyan won the championship of 1899 from Colgate, Union, and Hamilton.

### INTERSCHOLASTIC FOOTBALL.

The championship of the New York Interscholastic A. A. was won by De La Salle Institute. St. Paul School, of Garden City, won the championship of the Long Island Interscholastic Athletic League.

The annual match between Brooklyn High School and Polytechnic Preparatory School was won by the latter by a score of 11 to 6.

FOOTBALL RECORDS—Continued.

ATHLETIC CLUB FOOTBALL

On November 7, 1899, the Orange A. C. defeated the Knickerbocker A. C., by a score of 11 to 10.

Among other games played in 1899 were:

- |  |  |
|--|--|
| October 21—K. A. C., 32; Murray Hill, 0.     | November 18—Duquesne A. C., 29; Orange A. C., 0. |
| October 28—K. A. C., 6; Newark A. C., 0.     | November 25—Orange A. C., 6; Newark A. C., 0.    |
| November 11—Duquesne A. C., 47; K. A. C., 0. |  |

COLLEGE GAMES IN 1899.

- |   |  |
|---|--|
| September 30—Harvard, 29; Williams, 0.                    | November 1—Columbia, 46; Stevens, 0.                           |
| September 30—Yale, 23; Amherst, 0.                        | November 4—Harvard, 16; Univ. of Penn., 0.                     |
| September 30—Brown, 17; Holy Cross, 0.                    | November 4—Princeton, 18; Brown, 6.                            |
| September 30—Wesleyan, 27; Aggies, 0.                     | November 4—Yale, 24; West Point, 0.                            |
| September 30—University of Penn., 20; Lehigh, 0.          | November 4—Annapolis, 12; Univ. of N. C., 0.                   |
| September 30—Dartmouth, 16; Exeter, 5.                    | November 4—Lafayette, 17; Lehigh, 0.                           |
| October 4—Columbia, 26; Rutgers, 0.                       | November 4—Univ. of Mich., 38; Univ. Va., 0.                   |
| October 4—Yale, 46; Trinity, 0.                           | November 4—Wesleyan, 11; Dartmouth, 0.                         |
| October 4—Harvard, 13; Bowdoin, 0.                        | November 4—Georgetown, 17; Maryland, 0.                        |
| October 4—University of Penn., 47; Bucknell, 10.          | November 7—Cornell, 29; Columbia, 0.                           |
| October 7—Yale, 28; Bates, 0.                             | November 8—Princeton, 30; Univ. of N. C., 0.                   |
| October 7—Princeton, 5; Annapolis Academy, 0.             | November 11—Princeton, 12; Carlisle Indians, 0.                |
| October 7—Columbia, 21; Union, 0.                         | November 11—Harvard, 11; Dartmouth, 0.                         |
| October 11—Harvard, 41; Amherst, 0.                       | November 11—Univ. Penn., 11; Univ. Mich., 10.                  |
| October 11—Univ. of Penn., 33; Univ. Va., 6.              | November 11—Lafayette, 6; Cornell, 5.                          |
| October 11—Princeton, 12; Lafayette, 0.                   | November 11—Yale, 42; Penn. State College, 0.                  |
| October 14—Princeton, 11; Columbia, 0.                    | November 11—Columbia, 16; West Point, 0.                       |
| October 14—Harvard, 18; West Point Cadets, 0.             | November 11—Williams, 38; Amherst, 0.                          |
| October 14—Carlisle Indians, 16; Univ. Penn., 5.          | November 11—Annapolis Cadets, 35; Trinity, 0.                  |
| October 14—Yale, 12; Dartmouth, 0.                        | November 11—Rutgers, 6; New York Univ., 5.                     |
| October 14—Annapolis, 12; Georgetown, 0.                  | November 11—Wesleyan, 16; Holy Cross, 0.                       |
| October 14—University of Chicago, 17; Cornell, 6.         | November 11—Union College, 0; Hamilton, 0.                     |
| October 14—Syracuse Univ., 10; N. Y. Univ., 5.            | November 18—Columbia, 22; Dartmouth, 0.                        |
| October 14—Amherst, 0; Trinity, 0.                        | November 18—Princeton, 6; Wash.-Jeff., 0.                      |
| October 14—Bucknell, 5; Lehigh, 0.                        | November 18—Princeton Freshmen, 19; Yale Freshmen, 6.          |
| October 18—Harvard, 29; Bates, 0.                         | November 18—Eastman College, 5; College City of New York, 0.   |
| October 18—University of Penn., 17; Wesleyan, 6.          | November 18—N. Y. Univ., 18; Stevens Inst., 6.                 |
| October 18—Princeton, 12; Penn. State College, 0.         | November 18—Wesleyan, 40; Amherst, 0.                          |
| October 18—Columbia, 40; New York University, 0.          | November 18—Annapolis Academy, 17; Lehigh, 0.                  |
| October 18—Yale Freshmen, 0; Phillips Andover Academy, 0. | November 18—Boston College, 0.                                 |
| October 21—Princeton, 23; West Point Cadets, 0.           | November 18—Lafayette, 12; Bucknell, 0.                        |
| October 21—Columbia, 18; Amherst, 0.                      | November 18—Georgetown Univ., 0; Univ. Va., 0.                 |
| October 21—Yale, 6; Wisconsin, 0.                         | November 18—West Point Cadets, 12; Syracuse, 6.                |
| October 21—Harvard, 11; Brown, 0.                         | November 18—Univ. Kan., 36; Univ. Neb., 20.                    |
| October 21—Hamilton Coll., 35; N. Y. Univ., 0.            | November 18—Univ. of Wis., 19; Minnesota, 0.                   |
| October 21—Lafayette, 6; University of Penn., 0.          | November 22—Rutgers, 59; College City N. Y., 0.                |
| October 21—Annapolis Academy, 6; Penn. State College, 0.  | November 22—Hamilton, 18; Trinity, 0.                          |
| October 21—Cornell, 6; Lehigh, 0.                         | November 25—Princeton, 11; Yale, 10.                           |
| October 21—Carlisle Indians, 16; Dickinson, 5.            | November 25—Carlisle Indians, 81; Oberlin, 0.                  |
| October 21—Williams, 12; Dartmouth, 0.                    | November 25—Harvard Freshmen, 54; Yale Freshmen, 0.            |
| October 25—Princeton, 17; Lehigh, 0.                      | November 25—Brown, 16; Dartmouth, 5.                           |
| October 25—Amherst, 11; Bowdoin, 6.                       | November 25—Wesleyan, 11; Williams, 5.                         |
| October 25—Williams, 12; Trinity, 0.                      | November 25—Hamilton, 17; N. Y. Univ., 0.                      |
| October 28—Columbia, 0; Yale, 5.                          | November 25—Univ. Chicago, 29; Minnesota, 10.                  |
| October 28—Harvard, 22; Carlisle Indians, 10.             | November 25—Lafayette, 35; Lehigh, 0.                          |
| October 28—Cornell, 5; Princeton, 0.                      | November 25—Univ. of Penn. Freshmen, 19; Cornell Freshmen, 18. |
| October 28—Univ. Chicago, 5; Univ. Penn., 5.              | November 29—Carlisle Indians, 45; Columbia, 0.                 |
| October 28—Michigan, 5; Illinois, 0.                      | November 29—Univ. of Penn., 20; Cornell, 0.                    |
| October 28—Wesleyan, 41; Union, 0.                        | November 29—Univ. of Wis., 17; Univ. Mich., 5.                 |
| October 28—West Point Cadets, 6; Dartmouth, 2.            | November 29—Univ. of Chicago, 17; Brown, 0.                    |
| October 28—Lehigh, 50; New York University, 0.            |  |
| October 28—Lafayette, 5; Annapolis Academy, 0.            |  |

NOTABLE SCHOOL GAMES IN 1899.

The results of championship games played by the New York Interscholastic Athletic Association and Long Island Interscholastic Athletic League follow:

NEW YORK.

- |  |  |
|--|--|
| October 26—De La Salle 40; Berkeley, 0.      | November 7—De La Salle, 17; Cutler, 0.   |
| October 27—Trinity, 18; Columbia Grammar, 0. | November 15—De La Salle, 11; Trinity, 5. |
| October 31—Cutler, 50; Dwight, 0.            |  |

LONG ISLAND.

- |   |   |
|---|---|
| October 25—Pratt Institute, 28; 'Poly Prep.,' 6.  | November 18—Pratt Institute, 24; Erasmus Hall, 0. |
| October 28—Pratt Institute, 28; Brooklyn High, 6. | November 18—St. Paul, 23; Brooklyn High, 0.       |
| November 7—Brooklyn High, 10; Erasmus Hall, 6.    | November 23—Erasmus Hall, 6; 'Poly Prep.,' 6.     |
| November 8—St. Paul, 29; Pratt Institute, 0.      | November 28—St. Paul, 33; Erasmus Hall, 5.        |
| November 15—St. Paul, 39; 'Poly Prep.,' 0.        | November 30—'Poly Prep.,' 11; Brooklyn High, 6.   |

OTHER SCHOOL GAMES IN 1899.

- |   |   |
|---|---|
| October 7—De La Salle, 6; Bedford A. C., 0.         | October 21—Morrilstown High, 11; Columbia Grammar, 6.           |
| October 14—St. Paul, 17; Yale Freshmen, 5.          | November 18—'Poly Prep.,' 6; Hackettstown, Military Academy, 6. |
| October 21—St. Francis Xavier, 5; Flushing High, 0. |   |
| October 21—Princeton Freshmen, 15; St. Paul, 0.     |   |

Bicycling Records.

NOTE.—Only records which have been accepted by the Chairman of the Racing Board, L. A. W., are given in this table.

PROFESSIONAL PERFORMANCES.

COMPETITION.

| MILES.   | Time.<br>H. M. S. | Name.           | Place.       | Date.         |
|----------|-------------------|-----------------|--------------|---------------|
| 1-3..... | .45               | F. E. Schefski. | Santa Monica | Feb. 29, '98  |
| 1-2..... | .56 3-5           | W. Fred. Sims.  | Washington.  | Aug. 3, '98   |
| 2-3..... | 1.21 1-5          | C. H. Coulter.  | Denver.....  | Oct. 3, '98   |
| 1.....   | 1.49              | James Michael   | Buffalo..... | July 3, '97   |
| 2.....   | 3.37 3-5          | James Michael   | Buffalo..... | July 3, '97   |
| 3.....   | 5.28              | James Michael   | Manh'n B'ch. | Sept. 25, '97 |
| 4.....   | 7.16 4-5          | James Michael   | Manh'n B'ch. | Sept. 25, '97 |
| 5.....   | 9.05 5-5          | James Michael   | Cambridge... | Sept. 18, '97 |
| 6.....   | 10.50 4-5         | James Michael   | Cambridge... | Sept. 18, '97 |
| 7.....   | 12.42 2-5         | James Michael   | Cambridge... | Sept. 18, '97 |
| 8.....   | 12.39 4-4         | Tom Linton...   | Willow Grove | Aug. 6, '98   |
| 9.....   | 16.22             | Tom Linton...   | Willow Grove | Aug. 6, '98   |
| 10.....  | 17.04 3-5         | Tom Linton...   | Willow Grove | Aug. 6, '98   |
| 11.....  | 18.49 1-5         | Tom Linton...   | Willow Grove | Aug. 6, '98   |
| 12.....  | 20.31 3-5         | Tom Linton...   | Willow Grove | Aug. 6, '98   |
| 13.....  | 22.21 1-5         | H. D. Elkes...  | Willow Grove | Aug. 6, '98   |
| 14.....  | 24.00 4-5         | H. D. Elkes...  | Willow Grove | Aug. 6, '98   |
| 15.....  | 25.38 4-5         | H. D. Elkes...  | Willow Grove | Aug. 6, '98   |
| 16.....  | 27.17 3-5         | H. D. Elkes...  | Willow Grove | Aug. 6, '98   |
| 17.....  | 28.58 2-5         | H. D. Elkes...  | Willow Grove | Aug. 6, '98   |
| 18.....  | 30.39 2-5         | H. D. Elkes...  | Willow Grove | Aug. 6, '98   |
| 19.....  | 32.20             | H. D. Elkes...  | Willow Grove | Aug. 6, '98   |
| 20.....  | 34.02             | H. D. Elkes...  | Willow Grove | Aug. 6, '98   |
| 21.....  | 35.45 2-5         | H. D. Elkes...  | Willow Grove | Aug. 6, '98   |
| 22.....  | 37.28 2-5         | H. D. Elkes...  | Willow Grove | Aug. 6, '98   |
| 23.....  | 39.14 3-5         | H. D. Elkes...  | Willow Grove | Aug. 6, '98   |
| 24.....  | 40.53 4-5         | H. D. Elkes...  | Willow Grove | Aug. 6, '98   |
| 25.....  | 42.42             | H. D. Elkes...  | Willow Grove | Aug. 6, '98   |
| 26.....  | 45.26 5-1         | James Michael   | Manh'n B'ch. | Sept. 25, '97 |
| 27.....  | 50.51             | James Michael   | Manh'n B'ch. | Sept. 25, '97 |
| 30.....  | 1.00 35 3-5       | James Michael   | Manh'n B'ch. | Sept. 25, '97 |
| 52.....  | 2.11 09 2-5       | Frank Waller.   | Cambridge... | Aug. 16, '94  |
| 100..... | 4.38 52           | T. A. Barnaby   | Cambridge... | Aug. 16, '94  |

HANDICAP RECORDS.

| MILES.   | Time.<br>H. M. S. | Name.         | Place.      | Date.        |
|----------|-------------------|---------------|-------------|--------------|
| 1-2..... | .56 3-5           | W. F. Sims... | Washington. | Aug. 3, '98  |
| 1.....   | 2.00              | W. F. Sims... | Washington. | July 23, '98 |

TANDEM AGAINST TIME—FLYING START, UNPAID.

| MILES.   | Time.<br>H. M. S. | Name.              | Place.      | Date.        |
|----------|-------------------|--------------------|-------------|--------------|
| 1-2..... | .52 3-5           | Terrill-Taylor.... | Coronado... | Mar. 21, '96 |
| 3-4..... | 1.25 1-5          | Sager-Swanbrough   | Denver..... | Dec. 5, '96  |
| 1.....   | 1.51 2-5          | Swanbr'gh-Hughes   | Denver..... | Oct. 4, '97  |
| 2.....   | 3.59 4-5          | Sager-Swanbrough   | Denver..... | Nov. 16, '96 |
| 3.....   | 6.07 1-8          | Sager-Swanbrough   | Denver..... | Nov. 16, '96 |
| 4.....   | 8.17              | Sager-Swanbrough   | Denver..... | April 9, '98 |
| 5.....   | 10.25             | Sager-Swanbrough   | Denver..... | April 9, '98 |
| 10.....  | 21.18 2-5         | Sager-Swanbrough   | Denver..... | April 9, '98 |

HOOR RECORD—FLYING START, PACED.

| Hr.    | Mis. | Yds.   | Name.          | Place.       | Date.        |
|--------|------|--------|----------------|--------------|--------------|
| 1..... | 24   | 1,920. | H. D. Elkes... | Willow Grove | Aug. 6, 1898 |

HOOR RECORDS—FLYING START, UNPAID, AGAINST TIME.

| Hrs.   | Mis.   | Yds.  | Name.         | Place.       | Date.       |
|--------|--------|-------|---------------|--------------|-------------|
| 1..... | 25     | 600.  | W. W. Hamil'n | Denver, Col. | July 9, '98 |
| 2..... | 43 1-2 | ..... | W. W. Hamil'n | Denver, Col. | July 9, '98 |
| 3..... | 62 3-4 | ..... | W. W. Hamil'n | Denver, Col. | July 9, '98 |
| 4..... | 81 5-3 | ..... | W. W. Hamil'n | Denver, Col. | July 9, '98 |
| 5..... | 190    | 32.   | W. W. Hamil'n | Denver, Col. | July 9, '98 |

ONE-HOOR RECORD—TANDEM.

FLYING START, UNPAID.

| Mls.    | Yds.  | Name.               | Place.       | Date.         |
|---------|-------|---------------------|--------------|---------------|
| 26..... | 1,392 | Swanbrough-Sager... | Denver, Col. | April 9, 1898 |

TANDEM COMPETITION.

STANDING START.

| MILE.  | Time.<br>M. S. | Name.              | Place.      | Date.       |
|--------|----------------|--------------------|-------------|-------------|
| 1..... | 1.57           | Butler-Butler..... | Boston..... | June 5, '97 |

QUINTUPLET.

FLYING START, UNPAID.

| Miles. | Time.<br>M. S. | Name.                                 | Place.           | Date.       |
|--------|----------------|---------------------------------------|------------------|-------------|
| 1..... | 1.46 2-5       | Callahan-Butler-Pierce-Walsh-Coleman. | Cambridge, Mass. | Aug. 1, '96 |

AGAINST TIME—FLYING START, UNPAID.

| MILES.   | Time.<br>H. M. S. | Name.            | Place.         | Date.        |
|----------|-------------------|------------------|----------------|--------------|
| 1-4..... | .26 1-5           | A. R. Gardner... | Denver, Col.   | Dec. 3, '97  |
| 1-3..... | 31 1-5            | W. W. Hamil'n    | Coronado, Cal. | March 2, '96 |
| 1-2..... | .55 3-5           | W. M. Martin...  | Newby Oval.    | Aug. 24, '98 |
| 1.....   | 1.55 4-5          | W. W. Hamil'n    | Denver, Col.   | June 18, '98 |
| 2.....   | 4.16              | A. B. Hughes.    | Denver, Col.   | July 9, '98  |
| 3.....   | 6.32 4-5          | F. J. Titus...   | Willow Grove   | July 2, '98  |
| 4.....   | 8.50              | F. J. Titus...   | Willow Grove   | July 2, '98  |
| 5.....   | 11.05 1-5         | F. J. Titus...   | Willow Grove   | July 2, '98  |
| 6.....   | 13.50 1-5         | W. W. Hamil'n    | Denver, Col.   | July 9, '98  |
| 7.....   | 16.10             | W. W. Hamil'n    | Denver, Col.   | July 9, '98  |
| 8.....   | 18.31 2-5         | W. W. Hamil'n    | Denver, Col.   | July 9, '98  |
| 9.....   | 20.50             | W. W. Hamil'n    | Denver, Col.   | July 9, '98  |
| 10.....  | 23.09 2-5         | W. W. Hamil'n    | Denver, Col.   | July 9, '98  |
| 11.....  | 25.31 4-5         | W. W. Hamil'n    | Denver, Col.   | July 9, '98  |
| 12.....  | 27.55 2-5         | W. W. Hamil'n    | Denver, Col.   | July 9, '98  |
| 13.....  | 30.17 1-5         | W. W. Hamil'n    | Denver, Col.   | July 9, '98  |
| 14.....  | 32.39 1-5         | W. W. Hamil'n    | Denver, Col.   | July 9, '98  |
| 15.....  | 35.03             | W. W. Hamil'n    | Denver, Col.   | July 9, '98  |
| 16.....  | 37.28             | W. W. Hamil'n    | Denver, Col.   | July 9, '98  |
| 17.....  | 39.53 4-5         | W. W. Hamil'n    | Denver, Col.   | July 9, '98  |
| 18.....  | 42.18 2-5         | W. W. Hamil'n    | Denver, Col.   | July 9, '98  |
| 19.....  | 44.42 3-5         | W. W. Hamil'n    | Denver, Col.   | July 9, '98  |
| 20.....  | 47.08 2-5         | W. W. Hamil'n    | Denver, Col.   | July 9, '98  |
| 21.....  | 49.34 2-5         | W. W. Hamil'n    | Denver, Col.   | July 9, '98  |
| 22.....  | 52.09 3-5         | W. W. Hamil'n    | Denver, Col.   | July 9, '98  |
| 23.....  | 54.26 2-5         | W. W. Hamil'n    | Denver, Col.   | July 9, '98  |
| 24.....  | 56.53 4-5         | W. W. Hamil'n    | Denver, Col.   | July 9, '98  |
| 25.....  | 59.13 2-5         | W. W. Hamil'n    | Denver, Col.   | July 9, '98  |
| 50.....  | 2.16 03           | John Lawson...   | Memphis....    | Nov. 17, '96 |

FLYING START, PACED.

| MILES.   | Time.<br>H. M. S. | Name.          | Place.        | Date.        |
|----------|-------------------|----------------|---------------|--------------|
| 1-4..... | .22 2-5           | Major Taylor.  | Woodside Pk   | Nov. 5, '98  |
| 1-3..... | .23 4-5           | Major Taylor.  | Woodside Pk   | Nov. 14, '98 |
| 1-2..... | .45 3-5           | Major Taylor.  | Woodside Pk   | Nov. 13, '98 |
| 2-3..... | .53 3-5           | W. W. Hamil'n  | Coronado, Cal | Mar. 2, '96  |
| 3-4..... | 1.08 2-5          | Major Taylor.  | Woodside Pk   | Nov. 26, '98 |
| 1.....   | 1.28              | E. A. McDuffie | New Bedford.  | June 29, '99 |
| 2.....   | 3.13 3-5          | Major Taylor.  | Woodside Pk   | Nov. 5, '98  |
| 3.....   | 5.22 4-5          | James Michael  | New Orleans.  | Nov. 12, '96 |
| 4.....   | 7.15              | James Michael  | New Orleans.  | Nov. 12, '96 |
| 5.....   | 9.07 4-5          | James Michael  | New Orleans.  | Nov. 12, '96 |
| 6.....   | 11.00 1-5         | James Michael  | New Orleans.  | Nov. 12, '96 |
| 7.....   | 12.53 3-5         | James Michael  | New Orleans.  | Nov. 12, '96 |
| 8.....   | 14.45 3-5         | James Michael  | New Orleans.  | Nov. 12, '96 |
| 9.....   | 16.40 2-5         | James Michael  | New Orleans.  | Nov. 12, '96 |
| 10.....  | 18.33 1-5         | James Michael  | New Orleans.  | Nov. 12, '96 |

TANDEM AGAINST TIME.

FLYING START, PACED.

| MILES. | Time.<br>M. S. | Name.              | Place.     | Date.       |
|--------|----------------|--------------------|------------|-------------|
| 1..... | 1.42 2-5       | Fowler-Church..... | Willow Gro | Nov. 6, '97 |
| 2..... | 3.40 2-5       | Fowler-Church..... | Willow Gro | Nov. 6, '97 |
| 3..... | 5.31 1-5       | Fowler-Church..... | Willow Gro | Nov. 6, '97 |

TRIPLET AGAINST TIME.

FLYING START, UNPAID.

| MILES. | Time.<br>M. S. | Name.                          | Place.    | Date.       |
|--------|----------------|--------------------------------|-----------|-------------|
| 1..... | 1.46 4-5       | { Kiser-Johnson-<br>Mertens. } | Kalamazoo | Nov. 4, '97 |

FLYING START, PACED.

| MILES. | Time.<br>M. S. | Name.                           | Place.     | Date.        |
|--------|----------------|---------------------------------|------------|--------------|
| 1..... | 1.41           | { McDuffie-Fowler-<br>Church. } | Willow Gro | Oct. 26, '97 |

QUADRUPLER IN COMPETITION.

FLYING START, UNPAID.

| MILES.   | Time.<br>M. S. | Name.                                 | Place.     | Date.        |
|----------|----------------|---------------------------------------|------------|--------------|
| 1-3..... | 49 3-5         | { Phillips-Bradis-<br>Irons-Miller. } | Chicago... | Nov. 12, '97 |

QUADRUPLER.

FLYING START, PACED.

| MILES. | Time.<br>M. S. | Name.  | Place.      | Date.       |
|--------|----------------|--|-------------|-------------|
| 1..... | 1.40 2-6       | { VanHerick-Bradis-<br>Phillips-Bainbridge } | Chicago.... | Oct. 2, '97 |

ONE-HOOR RECORD—TRIPLET.

FLYING START, UNPAID.

| Mts.    | Yds. | Name.                   | Place.        | Date.        |
|---------|------|-------------------------|---------------|--------------|
| 98..... | 75.  | Kiser-Miller-Gardner... | Bellair, Fla. | March 6, '98 |



## Lacrosse in 1899.

### CRESCENT ATHLETIC CLUB TEAM.

| DATE      | Opposing Team.         | Where Played.       | Goals Scored |            |
|-----------|------------------------|---------------------|--------------|------------|
|           |                        |                     | Saves.       | Opponents. |
| April 15. | Columbia University... | Bay Ridge, N. Y. C. | 11           | 5          |
| April 22. | Stevens Institute....  | Bay Ridge, N. Y. C. | 12           | 2          |
| April 27. | College City of N. Y.  | Bay Ridge, N. Y. C. | 14           | 2          |
| April 29. | Johns Hopkins Univ.    | Baltimore.....      | 5            | 2          |
| May 6.    | Swarthmore College..   | Bay Ridge, N. Y. C. | 7            | 0          |
| May 11.   | Cornell University.... | Bay Ridge, N. Y. C. | 5            | 2          |
| May 18.   | Harvard University.... | Bay Ridge, N. Y. C. | 5            | 2          |
| May 20.   | Johns Hopkins Univ.    | Bay Ridge, N. Y. C. | 6            | 2          |
| May 27.   | S. I. Lacrosse Club... | Bay Ridge, N. Y. C. | 11           | 2          |
| May 30.   | Toronto University.... | Bay Ridge, N. Y. C. | 11           | 2          |
| June 3.   | Excelsior, Brampton... | Bay Ridge, N. Y. C. | 4            | 2          |
| June 10.  | Montreal A. C.....     | Bay Ridge, N. Y. C. | 5            | 3          |
| June 17.  | Osgoode Hall.....      | Bay Ridge, N. Y. C. | 11           | 3          |

### COLUMBIA UNIVERSITY TEAM.

|           |                        |                     |   |    |
|-----------|------------------------|---------------------|---|----|
| April 8.  | Johns Hopkins Univ.    | Berkeley Oval.....  | 1 | 9  |
| April 15. | Crescent A. C.....     | Bay Ridge, N. Y. C. | 5 | 11 |
| April 22. | Staten Island L. C.... | Staten Island.....  | 4 | 3  |
| April 26. | Stevens Institute....  | Hoboken, N. J.....  | 1 | 8  |
| May 9.    | Cornell University.... | Columbia Oval.....  | 0 | 6  |
| May 12.   | Harvard University...  | Columbia Oval.....  | 6 | 3  |
| May 13.   | Swarthmore College..   | Swarthmore, Pa..... | 0 | 5  |

### HOBART COLLEGE TEAM.

|           |                        |                     |   |    |
|-----------|------------------------|---------------------|---|----|
| April 22. | Cornell University.... | Geneva, N. Y.....   | 0 | 11 |
| April 29. | Cornell University.... | Ithaca, N. Y.....   | 1 | 7  |
| May 25.   | Toronto University.... | Geneva, N. Y.....   | 5 | 7  |
| May 30.   | Rochester Rangers...   | Geneva, N. Y.....   | 3 | 4  |
| June 11.  | Rochester Rangers...   | Rochester, N. Y.... | 0 | 7  |
| June 21.  | Y. M. C. A.....        | Geneva, N. Y.....   | 5 | 3  |

### COLLEGE OF THE CITY OF NEW YORK TEAM.

|           |                        |                     |   |   |
|-----------|------------------------|---------------------|---|---|
| April 14. | Stevens Institute....  | Hoboken, N. J.....  | 0 | 2 |
| April 15. | Lehigh University....  | So. Bethlehem, Pa.. | 0 | 5 |
| May 8.    | Staten Island L. C.... | Berkeley Oval.....  | 7 | 4 |
| May 30.   | Lehigh University....  | Bergen Point, N. J. | 3 | 2 |

### STATEN ISLAND LACROSSE CLUB TEAM.

|           |                        |                    |   |   |
|-----------|------------------------|--------------------|---|---|
| April 8.  | Stevens Institute....  | Staten Island..... | 3 | 4 |
| April 15. | Columbia University... | Staten Island..... | 2 | 3 |
| April 22. | College City of N. Y.  | Berkeley Oval..... | 4 | 6 |
| April 29. | Cornell University.... | Staten Island..... | 5 | 3 |

### HARVARD UNIVERSITY TEAM.

| DATE.     | Opposing Team.         | Where Played.        | Goals Scored. |            |
|-----------|------------------------|----------------------|---------------|------------|
|           |                        |                      | Saves.        | Opponents. |
| April 11. | Lehigh University....  | So. Bethlehem, Pa... | 0             | 11         |
| April 18. | Stevens Institute....  | Hoboken, N. J.....   | 0             | 7          |
| April 21. | Swarthmore College..   | Swarthmore, Pa.....  | 0             | 9          |
| April 22. | Johns Hopkins Univ.    | Baltimore, Md.....   | 0             | 20         |
| May 12.   | Columbia University... | New York City.....   | 3             | 6          |
| May 13.   | Crescent A. C.....     | Bay Ridge, N. Y. C.  | 2             | 5          |
| May 13.   | Cornell University.... | New York City.....   | 0             | 1          |

### JOHNS HOPKINS UNIVERSITY TEAM.

|           |                       |                     |    |   |
|-----------|-----------------------|---------------------|----|---|
| April 8.  | Columbia University.  | New York City.....  | 9  | 1 |
| April 22. | Harvard University... | Baltimore, Md.....  | 20 | 0 |
| April 29. | Crescent A. C.....    | Baltimore, Md.....  | 2  | 5 |
| May 6.    | Stevens Institute.... | Baltimore, Md.....  | 12 | 1 |
| May 12.   | Lehigh University.... | So. Bethlehem, Pa.. | 11 | 3 |
| May 20.   | Crescent A. C.....    | Bay Ridge, N. Y. C. | 3  | 6 |

### STEVENS INSTITUTE TEAM.

|           |                        |                     |   |    |
|-----------|------------------------|---------------------|---|----|
| April 14. | College City of N. Y.  | Hoboken, N. J.....  | 7 | 0  |
| April 18. | Harvard University...  | Hoboken, N. J.....  | 7 | 0  |
| April 22. | Crescent A. C.....     | Bay Ridge, N. Y. C. | 2 | 12 |
| April 26. | Columbia University... | Hoboken, N. J.....  | 8 | 1  |
| April 29. | Staten Island L. C.... | Staten Island.....  | 3 | 2  |
| May 6.    | Johns Hopkins Univ.    | Baltimore, Md.....  | 1 | 12 |
| May 9.    | Swarthmore College..   | Hoboken, N. J.....  | 2 | 1  |
| May 12.   | Cornell University.... | Hoboken, N. J.....  | 2 | 2  |
| May 20.   | Lehigh University....  | Hoboken, N. J.....  | 5 | 0  |

### LEHIGH UNIVERSITY TEAM.

|           |                        |                      |    |    |
|-----------|------------------------|----------------------|----|----|
| April 11. | Harvard University...  | So. Bethlehem, Pa... | 11 | 0  |
| April 15. | College City of N. Y.  | So. Bethlehem, Pa... | 5  | 0  |
| May 3.    | Swarthmore College..   | So. Bethlehem, Pa... | 2  | 2  |
| May 13.   | Johns Hopkins Univ.    | So. Bethlehem, Pa... | 3  | 11 |
| May 20.   | Stevens Institute....  | Hoboken, N. J.....   | 0  | 3  |
| May 27.   | Toronto University.... | So. Bethlehem, Pa... | 6  | 10 |
| May 30.   | College City of N. Y.  | Bergen Point, N. J.  | 2  | 3  |

### SWARTHMORE COLLEGE TEAM.

|           |                        |                      |   |   |
|-----------|------------------------|----------------------|---|---|
| April 21. | Harvard University...  | Swarthmore, Pa.....  | 9 | 0 |
| May 3.    | Lehigh University....  | So. Bethlehem, Pa... | 2 | 2 |
| May 6.    | Crescent A. C.....     | Bay Ridge, N. Y. C.  | 0 | 7 |
| May 9.    | Stevens Institute....  | Hoboken, N. J.....   | 1 | 2 |
| May 13.   | Columbia University... | Swarthmore, Pa.....  | 5 | 0 |

## Pugilism.

### HOLDERS OF CHAMPIONSHIPS.

*Bantam Weight*—Terry McGovern, of Brooklyn.

*Feather Weight*—George Dixon, of Boston.

*Light Weight*—Frank Erne, of Buffalo.

*Welter Weight*—“Mysterious Billy” Smith.

*Middle Weight*—Robert Fitzsimmons.

*Heavy Weight*—James J. Jeffries, Los Angeles, Cal.

### PRINCIPAL CONTESTS OF 1899.

Jim Jeffries defeated Bob Fitzsimmons in 11 rounds for world's championship at Coney Island on June 9.

Tom Sharkey defeated “Kid” McCoy in 10 rounds at Lenox A. C. on January 10.

Jim Jeffries received decision over Tom Sharkey in 25-round bout at Coney Island on November 3.

“Kid” McCoy defeated Joe Choynski in 25-round bout at San Francisco on March 4.

Pedlar Palmer won from Billy Rotchfort of Chicago, or foul in third round in London on April 17.

Frank Erne, of Buffalo, won light-weight championship from “Kid” Lavigne in 20 rounds at Buffalo on July 3.

Frank Erne and Jack O'Brien fought a 25-round draw for light-weight championship of the world at Coney Island on December 4.

“Kid” McCoy was knocked out in one round by Jack McCormack at Chicago on August 18.

Terry McGovern defeated Joe Bernstein at Broadway A. C. in 25-round bout on April 29.

Terry McGovern defeated Pedlar Palmer, of England, in one round for the bantam-weight championship of the world at Tuckahoe on September 12.

Frank Erne won a decision from George McFadden in 25-round bout at Lenox A. C. on May 9.

George Dixon beat Will Curley in 25-round go at Broadway A. C. on November 2.

“Kid” McPartland secured decision over Spike Sullivan in 25-round bout at Lenox A. C. May 23.

Frank Erne knocked out Dal Hawkins in 7 rounds at San Francisco on March 3.

Joe Walcott knocked out Dan Creedon in 1 round at Lenox A. C. on April 25.

Billy Smith secured decision from Charley McKeever in 20-round bout at Broadway A. C. Nov. 8.

Joe Gans defeated George McFadden in 25-round contest at Broadway A. C. on October 31.

George McFadden knocked out “Kid” Lavigne in 19 rounds at Broadway A. C. on October 6.

Tommy Ryan defeated Frank Craig in 10 rounds at Coney Island on September 18.

Tommy West beat Frank Craig in 14 rounds at Broadway A. C. on November 24.

“Kid” McCoy and Joe Choynski fought 6-round draw at Chicago on October 6.

“Kid” McCoy knocked out Steve O'Donnell in 6 rounds at Broadway A. C. on September 19.

“Kid” McCoy beat Jack McCormack in 8 rounds at Lenox A. C. on September 27.

Tom Sharkey knocked out Jack McCormack in 2 rounds at Philadelphia on January 30.

Bob Fitzsimmons knocked out Jeff Thorne in 1 round at Chicago on October 28.

## The American Multi-Millionaires.

## THE VANDERBILTS.

## DESCENDANTS OF COMMODORE CORNELIUS VANDERBILT.

Born on Staten Island, N Y., 1794; married, 1st, Sophia Johnson, 1813; 2d, Frances Crawford, 1869; died, 1877.

| CHILDREN.   | Grandchildren.  | Great-Grandchildren.  | Great-Great-Grandchildren.   |
|---|---|---|--|
| 1. Phebe Vanderbilt, b 1815, m. James M. Cross, 1841; d. 1853.                | 1. Vanderbilt Cross; m. Emma Eldred.<br>2. Ethelinda Cross; m. Barrett Horton.<br>3. Norman Cross.  |   |  |
| 2. Ethelinda Vanderbilt, b. 1818; m. Daniel B. Allen, 1839; d. 1888.          | 1. Vanderbilt Allen, b. 1840, m., 1st, Helena Mount, 1861; 2d, Edith De Silvier, 1873; 3d, Edith Mott, 1890; d. 1898.<br>2. William B. Allen, b. 1844; m. ———; d. 1890.<br>3. Franklin Allen.<br>4. Harry Allen; d. 1899.   | 1. Marie Fatimeh Allen, b. 1870; m. John C. Wilmerding, Jr., 1892.<br>2. Ethel Gladys De Silvier Allen, b. 1875.<br>1. W. S. Vanderbilt Allen, b. 1867.<br>2. Marie Allen, b. 1869; m. John Wallace, 1888; d. 1870 (killed).<br>3. Ethelinda Allen, b. 1870; d. 1899.   |  |
| 3. William Henry Vanderbilt, b. 1821; m. Maria Louise Klossam, 1840, d. 1885. | 1. Cornelius Vanderbilt, b. 1843; m. Alice Gwynne, 1870; d. 1899.<br>2. Margaret Louisa Vanderbilt; m. Elliot F. Shepard, 1870.<br>3. William K. Vanderbilt, b. 1849 m. Alva Smith, 1874 (now Mrs. O. H. P. Belmont).<br>4. Emily Vanderbilt; m. William D. Sloane, 1874.<br>5. Frederick W. Vanderbilt, b. 1858; m. Mrs. Alfred Torrance (nee Anthony), 1880.<br>6. Florence Adete Vanderbilt, m. H. McKay Twombly, 1877.<br>7. Eliza Osgood Vanderbilt; m. W. Seward Webb, 1883.<br>8. George Vanderbilt, b. 1864; m. Edith Stuyvesant Dresser, 1899. | 1. William H. Vanderbilt, b. 1871, d. 1892.<br>2. Cornelius Vanderbilt, b. 1874; m. Grace Wilson, 1896.<br>3. Gertrude Vanderbilt, b. 1876; m. Harry Payne Whitney, 1896.<br>4. Alfred Gwynne Vanderbilt, b. 1877.<br>5. Reginald Vanderbilt, b. 1880.<br>6. Gladys Vanderbilt, b. 1885.<br>1. Maria Shepard, b. 1877; m. William J. Schieffelin, 1892.<br>2. Alice Shepard, b. 1874; m. David Hennen Morris, 1895.<br>3. Margaret Shepard, b. 1875; d. 1892.<br>4. Edith Shepard, b. 1876; m. Ernesto G. Fabbri, 1896.<br>5. Elliot F. Shepard, b. 1877; m. Mrs. Esther Potter, 1897.<br>1. Consuelo Vanderbilt, b. 1877; m. Duke of Marlborough, 1895.<br>2. William K. Vanderbilt, b. 1880; m. Virginia Fair, 1895.<br>3. Harold Vanderbilt, b. 1882.<br>1. Florence A. Sloane, b. 1875; m. James A. Burden, Jr., 1895.<br>2. Emily V. Sloane, b. 1877.<br>3. Lida Sloane, b. 1879.<br>4. William D. Sloane, b. 1881.<br>1. Ruth Twombly, b. 1878; d. 1896.<br>2. Florence Twombly, b. 1880.<br>3. H. McKay Twombly, b. 1883.<br>1. James Watson Webb, b. 1885.<br>2. Seward Webb, b. 1888.<br>3. Frederica Webb, b. 1890. | 1. Cornelius Vanderbilt, b. 1898.<br>2. Grace Vanderbilt, b. 1899.<br>1. Flora Payne Vanderbilt Whitney, b. 1897.<br>2. Vanderbilt Whitney, b. 1899.<br>1. Edith Maria Fabbri, b. 1897.<br>1. John, Marquis of Blandford, b. 1897.<br>2. A son, b. 1898.<br>1. James A. Burden, b. 1897. |

NOTE.—In the pedigrees of the Vanderbilts and Astors the dates in some instances, particularly of the older branches and of branches residing abroad, are subject to correction. The above table and that of the Astors were submitted to members of the respective families and were revised by them to the best of their knowledge.

**THE VANDERBILTS**—Continued.

| CHILDREN.   | Grandchildren.  | Great-Grandchildren.  | Great-Great-Grandchildren. |
|---|---|---|----------------------------|
| 4. Emily Vanderbilt, b. 1823; m. William K. Thorn, 1849; d. 1896.                                   | 1. William K. Thorn, b. 1851.<br>2. Emily Thorn, b. 1853; m., 1st, Daniel King, 1869; 2d, James C. Parrish, 1873.<br>3. Lena Thorn, b. 1858; m. Gustav Kissell, 1881. | 1. Louise Alice King, b. 1870; m. Alexander Baring.<br>2. Emily Parrish, b. 1874; m. Edward Post, 1896.<br>3. Herbert Parrish, b. 1876. |                            |
| 5. Cornelius Jeremiah Vanderbilt, b. 1825; d. 1882.   |   |   |                            |
| 6. Eliza Vanderbilt, b. 1828; m. George Osgood, 1849; d. 1895.                                      |   |   |                            |
| 7. Sophia Vanderbilt, b. 1830; m. Daniel Torrance, 1849.  | 1. Alfred Torrance, b. 1850; m. Bertha Anthony, 1872; d. 1885.<br>2. Marie Torrance, b. 1852; m. John Hadden, Jr., 1873.  | 1. John Hadden, b. 1874.  |                            |
| 8. Maria Alecia Vanderbilt, b. 1831; m., 1st, N. La Bau, 1847.                                      | 1. Bertha V. La Bau; m. George M. Brown.<br>2. Edith La Bau; m. Tiffany Dyer.<br>3. Lillian La Bau; m. 1st, Eugene Blois; 2d, Jose Aymar, 1897.                       |   |                            |
| 9. Catherine Vanderbilt, b. 1834; m., 1st, Smith Barker, 1850; 2d, Gustave Lafitte, 1861; d. 1887.  | 1. Clarence Johnson Barker, b. 1853; d. 1896.<br>2. Catherine Barker, b. 1857.<br>3. Morris Lafitte, b. 1863.   |   |                            |
| 10. Marie Louise Vanderbilt, b. 1835; m., 1st, Horace Clark, 1851; 2d, Robert Niven, 1860; d. 1891. | 1. Louise Clark, b. 1853; m., 1st, Clarence L. Collins, 1874; 2d, Capt. Barty Midford; 3d, M. L. Souberbille; d. 1895.<br>2. Charlotte E. Niven; m. Count de Sers.    | 1. Edith Lyman Collins, b. 1876; m. Count Czay Kowaki (Rechid Bey), 1897.   |                            |
| 11. Frances Vanderbilt, b. 1836; d. 1866.   |   |   |                            |
| 12. George Vanderbilt, b. 1841; d. 1863.  |   |   |                            |

**THE GOULDS.**

DESCENDANTS OF JAY GOULD.

Born May 27, 1836; married Mary Moore, 1861; died, 1892.

| CHILDREN.  | Grandchildren.   | Great-Grandchildren. | Great-Great-Grandchildren. |
|--|--|----------------------|----------------------------|
| 1. George Jay Gould, b. 1864; m. Edith Kingdon, 1887.          | 1. Jay Gould, b. 1888.<br>2. Marjorie Gould, b. 1889.<br>3. Kingdon Gould, b. 1890.<br>4. Vivian Gould, b. 1891.<br>5. Edith Helen Gould, b. 1892. |                      |                            |
| 2. Edwin Gould, b. 1866; m. Sarah Shradly, 1892.               | 1. Edwin Gould, b. 1894.<br>2. Frank Miller Gould, b. 1899.  |                      |                            |
| 3. Helen Miller Gould, b. 1870.                                |  |                      |                            |
| 4. Howard Gould, b. 1871; m. Katherine Clemmons, 1898.         |  |                      |                            |
| 5. Anna Gould, b. 1875; m. Count Boniface de Castellane, 1895. | 1. Boniface de Castellane, b. 1897.<br>2. Frank de Castellane, b. 1899.  |                      |                            |
| 6. Frank Gould, b. 1878.                                       |  |                      |                            |

**THE ROCKEFELLERS.**

DESCENDANTS OF WILLIAM A. ROCKEFELLER.

Born 1811; married Eliza Davidson.

| CHILDREN.   | Grandchildren.   | Great-Grandchildren.               | Great-Great-Grandchildren. |
|---|--|------------------------------------|----------------------------|
| 1. John D. Rockefeller, b. 1839; m. Lucy Spellman, 1867.            | 1. Elizabeth Rockefeller, b. 1869; m. Rev. Dr. Charles A. Strong, 1889.<br>2. Edith Rockefeller, b. 1872; m. Howard McCormick, 1896.<br>3. Alta Rockefeller, b. 1874.<br>4. John D. Rockefeller, b. 1877.        | 1. Howard John McCormick, b. 1897. |                            |
| 2. William Rockefeller, b. 1841; m. Ahnra Geraldine Goodsell, 1864. | 1. William G. Rockefeller, b. 1873, m. Elsie Stillman, 1896.<br>2. Emma Rockefeller, b. 1875; m. Dr. David H. McAlpin, 1896.<br>3. Percy Avery Rockefeller, b. 1877.<br>4. Ethel Geraldine Rockefeller, b. 1880. |                                    |                            |

## THE ASTORS.

## DESCENDANTS OF JOHN JACOB ASTOR.

Born at Waldorf, Germany, 1763; married Sarah Todd, cousin of Henry Brevoort, in New York, 1785; died, 1848.

| CHILDREN.   | Grandchildren.  | Great-Grandchildren.   | Great-Great-Grandchildren.  |
|---|---|--|---|
| 1. Magdalen Astor, b. 1786; m., 1st, Gov. Adrien B. Bentzen, of Santa Cruz, 1807; 2d, Rev. John Bristed, 1820; d. 1854. | 1. Charles Astor Bristed, b. 1822; m., 1st, Laura Brevoort, 1847; 2d, Grace A. Sedgwick, 1867; d. 1897. | 1. John Jacob Astor Bristed, b. 1848; d. 1880.<br>2. Charles Astor Bristed, b. 1868; m. Mary Rosa Donnelly, 1894.  | 1. Mary Rosa Bristed.<br>2. Catharine Bristed.  |
| 2. John Jacob Astor, b. 1788; d. 1834.  |   |  |   |
| 3. Eliza Astor, b. 1790; m. Count Rumpff, 18-5; d. 1836.  |   |  |   |
| 4. William Backhouse Astor, b. 1792; m. Margaret Alida Armstrong, 1818; d. 1875.  | 1. Emily Astor, b. 1821; m. Samuel Ward, 1838; d. 1841.   | 1. Margaret Alida Ward, b. 1838; m. John Winthrop Chanler, 1856; d. 1875.  | 1. John Armstrong Chanler, b. 1857; m. Amelle Rives, 1886.<br>2. Winthrop Astor Chanler, b. 1859; m. Margaret Terry, 1889; and had issue: 1. Laura Astor Chanler; 2. John Winthrop Chanler; 3. Margaret Astor Chanler.<br>3. Elizabeth Astor Chanler; m. John Jay Chapman, 1898.<br>4. William Astor Chanler.<br>5. Robert Winthrop Chanler; m. Julia Remington Chamberlain, 1893.<br>6. Margaret Livingston Chanler.<br>7. Alida Beekman Chanler; m. Temple Emmet, 1896.<br>8. Lewis Stuyvesant Chanler; m. Alice Chamberlain, 1890; and had issue: 1. Lewis Stuyvesant Chanler; 2. Alida Chanler. |
|   | 2. John Jacob Astor, b. 1822; m. Charlotte Augusta Gibbs, 1846; d. 1890.                                | 1. William Waldorf Astor, b. 1847; m. Mary Dahlgren Paul, 1878. She died 1895.   | 1. William Waldorf Astor, b. 1879.<br>2. Pauline Astor, b. 1880.<br>3. John Jacob Astor, b. 1886.<br>4. Gwendolin Astor, b. 1889.   |
|   | 3. Laura Astor, b. 1824; m. Franklin Delano, 1841.  |  |   |
|   | 4. Mary Alida Astor, b. 1826; m. John Carey, 1850; d. 1881.   | 1. Arthur Astor Carey; m. Agnes Whiteside, 1839.<br>2. Hamilton Astor Carey; d. 1893.<br>3. Margaret Laura Carey; m., 1st, Baron de Steurs; 2d, Elliot Zborowsky.  | 1. Reginald Carey.<br>2. Arthur Graham Carey.<br>3. Alida Carey.<br>1. Margaret Eugenia Victorine de Steurs.<br>2. John Herbert Eugene Francois de Steurs.<br>3. Hubert Victor Arthur de Steurs.  |
|   | 5. William Astor, b. 1830; m. Caroline Webster Schermerhorn, 1853.                                      | 1. Emily Astor, b. 1854; m. James J. Van Alen, 1876; d. 1881.<br>2. Helen Astor, b. 1856; m. James Roosevelt Roosevelt, 1876; d. 1893.<br>3. Charlotte Augusta Astor, b. 1858; m., 1st, J. Coleman Drayton, 1877; 2d, George Halg, 1896.<br>4. John Jacob Astor, b. 1862; m. Ava Willing, 1891.<br>5. Caroline S. Astor, b. 1863; m. Marshall Orme Wilson, 1884. | 1. Mary Van Alen, b. 1877.<br>2. James Lawrence Van Alen, b. 1879.<br>3. Sarah S. Van Alen, b. 1880.<br>1. James Roosevelt Roosevelt, b. 1878.<br>2. Helen Rebecca Roosevelt, b. 1880.<br>1. Caroline A. Drayton, b. 1880.<br>2. Henry Coleman Drayton, b. 1881.<br>3. William B. A. Drayton, b. 1888.<br>4. Alida Livingston Drayton, b. 1890.<br>1. William Vincent Astor, b. 1892.<br>2. Caroline Astor, b. 1894.<br>1. Marshall Orme Wilson, Jr., b. 1885.<br>2. Richard Thornton Wilson, b. 1888.  |
|   | 6. Henry Astor, b. 1832; m. Malvina Dykeman, 1852.  |  |   |
| 5. Henry Astor, b. 1794; d. 1808.   |   |  |   |

## THE AMERICAN MULTI-MILLIONAIRES—Continued.

## THE ASTORS—Continued.

| CHILDREN.   | Grandchildren.   | Great-Grandchildren.  | Great-Great-Grandchildren.   |
|---|--|---|--|
| 6. Dorothea Astor, b. 1795; m. Walter Langdon, 1812; d. 1853. | 1. Sarah Langdon, b. 1813; m. Francis R. Boreel, 1834; d. 1897.*     | 1. William Astor Boreel; m. Mary Emily Milbank.<br>2. Alfred Boreel; m.<br>3. Robert Boreel; m.<br>4. Eliza Boreel; m. Baron Polandt.<br>5. Sophia Boreel; m. Baron de Groenings.   | 1. Robert John Ralph Boreel; m. Miss Ives.<br>*  |
|   | 2. John J. A. Langdon, b. 1814; d. 1837.                             |   |  |
|   | 3. Eliza Langdon, b. 1816; m. Matthew Wilks, 1842; d. 1899.          | 1. Eliza Wilks; m. Byam K. Stevens, 1869.<br>2. Alice Wilks; m. William N. Kiefer, M. D.<br>3. Langdon Wilks, b. 1855; m. Pauline Kingsmill, 1891.<br>4. Matthew Astor Wilks.<br>5. Katherine Langdon Wilks.  |  |
|   | 4. Louisa Langdon, b. 1819; m. Delancey Kane, 1841.                  | 1. Walter Langdon Kane, b. 1851; m. Katherine Hunter, 1877.<br>2. Delancey Astor Kane, b. 1852; m. Eleanor Iselin, 1872.<br>3. John Innes Kane, b. 1855; m. Annie Schermerhorn, 1878.<br>4. Laura Louisa Kane.<br>5. Emily Kane; m. Augustus Jay, 1876.<br>6. Sybil Kane.<br>7. Woodbury Kane.<br>8. Samuel Nicholson Kane. | 1. Caroline Hunter Kane.<br>2. Helen Dorothy Kane.<br>1. Delancey Kane.<br>1. Delancey Jay.<br>2. Augusta Jay. |
|   | 5. Walter Langdon, b. 1821; m. Catherine Livingston, 1847; d. 1893.  |   |  |
|   | 6. Woodbury Langdon, b. 1824; m. Helen Colford Jones, 1847; d. 1892. | 1. Woodbury Gersdorf Langdon, b. 1850; m. Sophie E. Montgomery, 1882.   |  |
|   | 7. Cecelia Langdon, b. 1827; m. Jean de Notebeck, 1849.              | 1. Eugenia de Notebeck, b. 1852.<br>2. Cecelia de Notebeck, b. 1856.  |  |
|   | 8. Eugene Langdon, b. 1829; m. Harriet Lowndes, 1859; d. 1868.       | 1. Marion Langdon, b. 1864; m. Royal Phelps Carroll, 1891.<br>2. Annie Langdon, b. 1865; m. Howard Townsend, 1894.  | 1. Marion Carroll.   |

\* The descendants of the Boreels live in Europe, and the last generation is not given here in full.

## King Alfred Memorial.

THE one-thousandth anniversary of the death of King Alfred will be celebrated in England in 1901. The Queen has given the movement her patronage, and the memorial will take the form of a bronze statue of King Alfred to be erected in his royal city of Winchester. A committee has been formed in America to cooperate with the movement, and its members include Col. John Hay, the Secretary of State; Bishop Potter, and the Presidents of Harvard, Yale, and Johns Hopkins Universities. King Alfred being the founder of Great Britain's maritime supremacy, a naval display will be held, and the largest armored cruiser in the world, to be launched in 1901, will be christened King Alfred. Wolvesey Castle, the ancient residence of the English Kings, near Winchester, will be secured as a memorial museum. The sum of £30,000 will be raised to carry out the plan.

## Actors' Fund of America.

*President*—Louis Aldrich. *First Vice-President*—Frank W. Sanger. *Second Vice-President*—John Drew. *Treasurer*—Andrew A. McCormick. *Secretary*—Edwin Knowles. *Assistant Secretary*—Adolph Bernard. *Trustees*—Antonio Pastor, Augustus Pitou, A. M. Palmer, Harrison Gray Fiske, T. Henry French, William H. Crane, Frank G. Cotter, F. F. Mackay, Wm. A. Brady, De Wolf Hopper, Francis Wilson, Roland Reed, B. F. Keith, Charles H. Hoyt, Eugene Tompkins.

The Actors' Fund was established in 1882, to provide assistance for disabled and needy members of the theatrical profession, and burial for such as leave no means therefor. From organization to date of the last financial report there has been contributed to the fund, in various ways, about \$550,000, and during that time there has been expended for relief, burials, medicines, hospital charges, etc., over \$350,000. The amount of the Fund June 7, 1898, was \$196,615. The number of annual members of the Fund at that date was 862, and of life members 118. There are 20 honorary members, including ex-President Cleveland, Chauncey M. Depew, and Ignace Paderewski.

## The Stage.

BIRTHPLACES AND BIRTH YEARS OF DRAMATIC AND MUSICAL PEOPLE.

| NAME.                   | Birthplace.          | Born. | NAME.                  | Birth                     | Born. |
|-------------------------|----------------------|-------|------------------------|---------------------------|-------|
| Adams, Mande            | Salt Lake City, Utah | 1872  | Hoyt, Charles H.       | Concord, N. H.            | 1860  |
| Albani, Emma            | Chambly, Canada      | 1851  | Irving, Isabel         | Bridgeport, Ct.           | 1870  |
| Aldrich, Louis          | Mid-ocean            | 1843  | Irving, Sir Henry      | Keinton, England          | 1838  |
| Alexander, George       | Reading, England     | 1858  | Irwin, May             | Toronto, Canada           | 1862  |
| Anderson, Mary          | Sacramento, Cal.     | 1859  | James, Louis           | Tremont, Ill.             | 1842  |
| Archer, Belle           | Easton, Pa.          | 1860  | Janauschek, Francesca  | Prague, Austria           | 1830  |
| Arditi, Luigi           | Piedmont, Italy      | 1822  | Jefferson, Joseph      | Philadelphia, Pa.         | 1829  |
| Arthur, Julia           | Canada               | 1869  | Jones, Walter          | Springfield, O.           | 1871  |
| Bancroft, Sir S. B.     | England              | 1841  | Karl, Tom              | Dublin, Ireland           | 1849  |
| Bancroft, Lady          | England              | 1840  | Kendal, William H.     | London                    | 1843  |
| Bandmann, Daniel E.     | Cassel, Germany      | 1839  | Kendal, Mrs. W. H.     | Lincolnshire, England     | 1849  |
| Bangs, Frank C.         | Alexandria, Va.      | 1836  | Keely, Herbert H. L.   | London, England           | 1855  |
| Barabee, H. C.          | Portsmouth, N. Y.    | 1833  | Kellough, Clara Louise | Sumpterville, S. C.       | 1842  |
| Barrett, Wilson         | Essex, England       | 1846  | Knows, Edwin H.        | Rhode Island              | 1845  |
| Barrow, Charles         | Boston, Mass.        | 1841  | Kopacsy, Julie         | Hungary                   | 1871  |
| Barrymore, Maurice      | India                | 1847  | Lackaye, Wilton        | Virginia                  | 1862  |
| Batemann, Isabel        | Cincinnati, O.       | 1854  | Langry, Lily           | St. Helens, Jersey (Eng.) | 1852  |
| Bateman, Kate           | Baltimore, Md.       | 1842  | Le Moyné, W. J.        | Boston, Mass.             | 1835  |
| Belasco, David          | San Francisco        | 1862  | Mannerling, Mary       | London                    | 1876  |
| Bell, Digby             | Milwaukee, Wis.      | 1851  | Mansfield, Richard     | Hellgoland, Germany       | 1857  |
| Bellew, Kyle            | London               | 1845  | Mantel, Robert B.      | Ayrshire, Scotland        | 1854  |
| Bernhardt, Sarah        | Paris                | 1844  | Marlowe, Julia         | Caldeck, England          | 1865  |
| Bisphan, David          | Philadelphia, Pa.    | 1857  | Martinot, Sadie        | Yonkers, N. Y.            | 1857  |
| Boniface, George C.     | New York City        | 1832  | Melba, Nellie          | Melbourne                 | 1866  |
| Booth, Agnes            | Cincinnati, O.       | 1843  | Mitcher, Henry         | London                    | 1832  |
| Buchanan, Virginia      | Cincinnati, O.       | 1846  | Mitchell, Margaret     | New York City             | 1844  |
| Burges, Nellson         | Boston, Mass.        | 1846  | Modjeska, Helena       | Cracow, Poland            | 1844  |
| Burroughs, Marie        | San Francisco        | 1866  | Mordaunt, Frank        | Burlington, Vt.           | 1841  |
| Byron, Oliver Doud      | Baltimore, Md.       | 1847  | Morgan, Edward J.      | Barings, Surrey, England  | 1871  |
| Câlve, Emma             | Aveyron, France      | 1864  | Morris, Clara          | Cleveland, O.             | 1846  |
| Cameron, Beatrice       | Troy, N. Y.          | 1868  | Morrison, Lewis        | Jamaica, W. I.            | 1845  |
| Campbell, Mrs. Patrick  | London               | 1864  | Moumet-Sully, Jean     | Bergerac, France          | 1841  |
| Carey, Eleanor          | Chile, S. A.         | 1852  | Murphy, Joseph         | Brooklyn, N. Y.           | 1839  |
| Cayvan, Georgia         | Bath, Me.            | 1853  | Nilsson, Christine     | Wederstorf, Sweden        | 1843  |
| Chaufrau, Mrs. F. S.    | Philadelphia, Pa.    | 1837  | Nordica, Lillian       | Farmington, Me.           | 1858  |
| Clarke, George          | Brooklyn, N. Y.      | 1840  | Olcott, Chaucey        | Providence, R. I.         | 1849  |
| Claxton, Kate           | New York City        | 1843  | O'Neil, James          | Ireland                   | 1862  |
| Cody, William F.        | Scott County, Iowa   | 1845  | Paderewski, Ignace J.  | Poland                    | 1860  |
| Cogelin, Rose           | Peterboro, England   | 1853  | Palmer, A. M.          | North Stonington, Ct.     | 1838  |
| Coguelin, Benoit C.     | Boulogne, France     | 1841  | Pastor, Tony           | New York City             | 1837  |
| Crabtree, Lotta         | New York City        | 1847  | Patti, Adelina         | Madrid                    | 1843  |
| Crane, William H.       | Leicester, Mass.     | 1845  | Plympton, Eben         | Boston, Mass.             | 1850  |
| Daly, Dan               | Boston, Mass.        | 1863  | Powers, James T.       | New York City             | 1862  |
| Damrosch, Walter J.     | Breslau, Prussia     | 1862  | Rankin, A. McKee       | Sandwich, Canada          | 1844  |
| Daniels, Frank          | Boston, Mass.        | 1860  | Reed, Roland           | Philadelphia, Pa.         | 1853  |
| D'Arville, Camille      | Holland              | 1863  | Rehan, Ada             | Limerick, Ireland         | 1860  |
| De Belleville, Frederic | Belgium              | 1853  | Rejane, Gabrielle      | Paris, France             | 1851  |
| De Merode, Cien         | Paris                | 1874  | Robinson, Frederick    | London, England           | 1829  |
| De Reszke, Edward       | Warsaw, Poland       | 1855  | Robson, Stuart         | Annapolis, Md.            | 1836  |
| De Reszke, Jean         | Warsaw, Poland       | 1850  | Roze, Marie            | Paris                     | 1846  |
| De Wolfe, Elsie         | New York City        | 1865  | Russell, Annie         | New York City             | 1864  |
| Dickinson, Anna         | Philadelphia, Pa.    | 1842  | Russell, Lillian       | Clinton, Iowa             | 1860  |
| Dixey, Henry E.         | Boston, Mass.        | 1859  | Russell, Sol. Smith    | Brunswick, Mo.            | 1848  |
| Drew, John              | Philadelphia, Pa.    | 1853  | Saleza, Albert         | Bruges, France            | 1867  |
| Duse, Eleanora          | Vigevano, Italy      | 1861  | Salvini, Tommaso       | Milan, Italy              | 1830  |
| Eames, Emma Hayden      | Shanghai, China      | 1868  | Sanderson, Sybil       | Sacramento, Cal.          | 1869  |
| Earle, Virginia         | New York City        | 1873  | Seabrooke, Thomas Q.   | Mt. Vernon, N. Y.         | 1863  |
| Eilsler, Elie           | Philadelphia, Pa.    | 1858  | Sembrich, Marcella     | Lemberg, Austria          | 1858  |
| Eytinge, Rose           | Philadelphia, Pa.    | 1837  | Skinner, Otis          | Cambridgeport, Mass.      | 1857  |
| Fawcett, Owen           | London, England      | 1838  | Smith, Mark            | Mobile, Ala.              | 1865  |
| Fiske, Minnie Maddern   | New Orleans          | 1839  | Sorpha, Agnes          | Germany                   | 1864  |
| Florence, Mrs. W. J.    | New York City        | 1846  | Sothorn, Edward H.     | England                   | 1864  |
| Fox, Della              | St. Louis, Mo.       | 1871  | Sons, John Philip      | Washington                | 1854  |
| Frohman, Charles        | Sandusky, O.         | 1858  | Stanhope, Adelaide     | Paris, France             | 1858  |
| Frohman, Daniel         | Sandusky, O.         | 1850  | Stevenson, Charles A.  | Dublin, Ireland           | 1842  |
| Germon, Effie           | Augusta, Ga.         | 1845  | Stoddard, J. H.        | Yorkshire, England        | 1827  |
| Gerster, Eteika         | Kaschau, Hungary     | 1857  | Studley, John B.       | Boston, Mass.             | 1832  |
| Gilbert, Mrs. G. H.     | Rochdale, England    | 1830  | Sullivan, Sir Arthur   | London                    | 1842  |
| Gilbert, William S.     | London               | 1836  | Tearle, Osmond         | Plymouth, England         | 1852  |
| Gillette, William       | Hartford, Ct.        | 1853  | Templeton, Fay         | Savannah                  | 1861  |
| Goodwin, Nat C.         | Boston, Mass.        | 1857  | Terry, Ellen           | Coventry, England         | 1861  |
| Hackett, James K.       | Canada               | 1869  | Thompson, Denman       | Girard, Pa.               | 1833  |
| Hading, Jane            | Marseilles, France   | 1861  | Thompson, Lydia        | London, England           | 1838  |
| Hammerstein, Oscar      | Berlin, Germany      | 1847  | Thursby, Emma          | Brooklyn, N. Y.           | 1857  |
| Harnett, Virginia       | Boston, Mass.        | 1865  | Toole, John L.         | London, England           | 1833  |
| Harrison, Edward        | New York City        | 1845  | Tree, Beerbohm         | England                   | 1846  |
| Harrison, Maud          | England              | 1858  | Van Dyck, Ernest       | Antwerp                   | 1861  |
| Hank, Minnie            | New Orleans, La.     | 1853  | Veziin, Hermann        | Philadelphia, Pa.         | 1829  |
| Haworth, Joseph S.      | Providence, R. I.    | 1855  | Walcot, Charles        | New York City             | 1840  |
| Held, Anna              | Paris                | 1873  | Walsh, Blanche         | New York City             | 1873  |
| Herbert, Victor         | Dublin, Ireland      | 1860  | Ward, Genevieve        | New York City             | 1838  |
| Herne, James A.         | Troy, N. Y.          | 1839  | Warde, Frederick       | Wadington, England        | 1851  |
| Heron, Bijou            | New York City        | 1863  | Willard, E. S.         | Brighton, England         | 1865  |
| Hill, Charles Barton    | Dover, England       | 1828  | Wilson, Francis        | Philadelphia, Pa.         | 1840  |
| Hilliard, Robert S.     | Brooklyn             | 1840  | Wyndham, Charles       | England                   | 1841  |
| Holland, E. M.          | New York City        | 1848  | Yeamans, Annie         | Isle of Man               | 1833  |
| Hopper, De Wolf         | New York City        | 1862  |                        |                           |       |

The New Plays of 1899.

A RECORD OF THE NEW PLAYS PRODUCED IN THE THEATRES OF NEW YORK FROM DECEMBER 1, 1898, TO DECEMBER 1, 1899, WITH THE RUN OF EACH PRODUCTION.

- Dec. 5, 1898—Star. "A Spring Chicken," 8 times.  
 Dec. 5—Columbus: "Loat in Siberia," 8 times.  
 Dec. 6—Knickerbocker: "The Head of the Family," 32 times.  
 Dec. 12—People's: "Under the Dome," 8 times.  
 Dec. 13—Harlem Opera House: "Vagabondia," 8 times.  
 Dec. 24—Broadway: "The Sorrows of Satan," 24 times.  
 Dec. 26—Empire: "Phroso," 51 times.  
 Dec. 26—Herald Square: "The Little Host," 22 times.  
 Dec. 26—People's: "Remember the Maine," 8 times.  
 Dec. 26—Star: "A Female Drummer," 8 times.  
 Jan. 2, 1899—Knickerbocker: "Nathan Hale," 58 times.  
 Jan. 5—Irving Place: "Das Erbe," 7 times.  
 Jan. 9—Garrick: "Zaza," 163 times; September, October, 21 times; total, 184.  
 Jan. 9—Wallack's: "The Termagant," 7 times.  
 Jan. 9—Fourteenth Street: "A Romance of Athlone," 90 times.  
 Jan. 11—Casino: "La Belle Helene," 49 times.  
 Jan. 15—Herald Square: "That Man," 16 times.  
 Jan. 15—Madison Square: "Because She Loved Him So," 141 times.  
 Jan. 15—Academy of Music: "The Ragged Earl," 32 times.  
 Jan. 15—Grand Opera House: "The Evil Eye," 8 times.  
 Jan. 15—People's: "Chattanooga," 8 times.  
 Jan. 15—Star: "Daughters of the Poor," 8 times.  
 Jan. 20—Broadway: "The Three Dragons," 43 times.  
 Jan. 20—Metropolis: "Through the Breakers," 8 times.  
 Jan. 31—Herald Square: "The Rev. Griffith Davenport," 28 times.  
 Feb. 1—Manhattan: "Mlle. Fich," 94 times.  
 Feb. 2—Irving Place: "Busch und Reichenbach," 8 times.  
 Feb. 6—Wallack's: "At the White Horse Tavern," 65 times.  
 Feb. 6—People's: "Knobs o' Tennessee," 8 times.  
 Feb. 6—Daly's: "The Great Ruby," 140 times.  
 Feb. 6—Irving Place: "Jugendfreunde," 7 times.  
 Feb. 14—Empire: "Lori and Lady Algy," 95 times.  
 Feb. 16—Irving Place: "Freiwild," 7 times.  
 Feb. 20—Bijou: "Brown's in Town," 15 times.  
 Feb. 27—Knickerbocker: "The King's Musketeer," 43 times.  
 Feb. 27—Columbus: "Johnny on the Spot," 8 times.  
 Feb. 28—Irving Place: "Auf der Sonnensette," 7 times.  
 Feb. 28—Herald Square: "By the Sad Sea Waves," 39 times; Fourteenth Street, 24 times; Manhattan, 8 times; total, 71 times.  
 March 2—Victoria: "A Reign of Error," 148 times.  
 March 6—Garden: "The Last Chapter," 24 times.  
 March 6—People's: "The Victorian Cross," 8 times.  
 March 13—Lyceum: "Americans at Home," 18 times.  
 March 13—Columbus: "The King of the Opium Ring," 8 times.  
 March 13—Broadway: "The Musketeers," 36 times.  
 March 13—Metropolis: "The Air Ship," 8 times.  
 March 13—Irving Place: "Cyrano von Bergerac," 14 times.  
 March 20—Casino: "In Gay Parade," 42 times.  
 March 20—Columbus: "London Life," 8 times.  
 March 28—Fourteenth Street: "Report for Duty," 15 times.  
 March 28—Lyceum: "John Ingberfield," 13 times.  
 March 30—Fifth Avenue: "Little Italy," 5 times.  
 April 3—Bijou: "The Purple Lady," 36 times.  
 April 3—Wallack's: "The Cuckoo," 56 times.  
 April 10—Lyceum: "Rupert of Hensbaz," 32 times.  
 April 10—Knickerbocker: "Colinette," 41 times.  
 April 10—People's: "Finnegan's Four Hundred," 8 times.  
 April 11—Fifth Avenue: "Citizen Pierre," 7 times.  
 April 24—New York: "The Man in the Moon," 186 times.  
 April 24—Manhattan: "The Manicure," 8 times.  
 April 25—Irving Place: "Fuehrmann Henschel," 7 times.  
 April 29—Herald Square: "An Arabian Girl," 33 times.  
 May 1—Fourteenth Street: "Mother Goose," 16 times.  
 May 9—Lyceum: "His Excellency the Governor," 70 times.  
 May 9—American: "We Uns of Tennessee," 24 times.  
 May 22—Wallack's: "My Cousin," 7 times.  
 July 12—Casino: "The Rounders," 130 times.  
 Aug. 23, 1899—Wallack's: "A Little Ray of Sunshine," 21 times.  
 Aug. 28—Academy: "The Last of the Rohans," 48 times.  
 Aug. 28—Fourteenth Street: "A Young Wife," 56 times.  
 Aug. 28—Criterion: "The Girl from Maxim's," 61 times.  
 Aug. 28—Star: "A Soldier of the Empire," 8 times.  
 Sept. 2—Madison Square: "Way Smith Left Home," 73 times.  
 Sept. 2—Manhattan: "Mr. Smooth," 25 times.  
 Sept. 4—Bijou: "In Paradise," 56 times.  
 Sept. 7—Lyceum: "Miss Hobbs," still running Dec. 1.  
 Sept. 11—Empire: "The Tyranny of Tears," running Dec. 1.  
 Sept. 12—Fifth Avenue: "Becky Sharp," running Dec. 1.  
 Sept. 15—Broadway: "The Ghetto," 43 times.  
 Sept. 16—Herald Square: "The Only Way," 33 times; Garden Theatre, 40 times; total, 73 times.  
 Sept. 18—Knickerbocker: "Cyrano de Bergerac," 14 times.  
 Sept. 18—Wallack's: "The Gaiety," 14 times.  
 Sept. 18—Victoria: "The Rogers Brothers in Wall Street," still running Dec. 1.  
 Sept. 21—Weber & Fields: "Whirl-I-Gig" and "The Girl from Martin's," former still running, Dec. 1, latter 40 times.  
 Sept. 25—Manhattan: "A Stranger in a Strange Land," 49 times.  
 Oct. 2—Wallack's: "Peter Stuyvesant," 30 times.  
 Oct. 2—Garrick: "My Innocent Boy," 16 times.  
 Oct. 3—Irving Place: "Renaissance," 7 times.  
 Oct. 16—Herald Square: "Through the Breakers," 8 times.  
 Oct. 16—Herald Square: "Children of the Ghetto," 43 times.  
 Oct. 16—Fourteenth Street: "The Dairy Farm," still running Dec. 1.  
 Oct. 16—Garrick: "The Girl in the Barracks," 24 times; at Madison Square, 8 times; total, 32 times.  
 Oct. 16—Irving Place: "Maedel als Hekrut," 21 times.  
 Oct. 16—Star: "The Policy Players," 8 times.  
 Oct. 23—Casino: "The Singing Girl," still running Dec. 1.  
 Oct. 23—Criterion: "Barbara Frietchie," still running Dec. 1.  
 Oct. 24—Broadway: "More than Queen," 34 times.  
 Oct. 24—Daly's: "The Song of the Sword," 39 times.  
 Oct. 26—Empire: Students' matinee: "The Flower of Yeddo," "On the Arcady Trail," "Nell."  
 Oct. 26—Weber & Fields: "The Other Way," still running Dec. 1.  
 Oct. 27—Bijou: "Sister Mary," still running Dec. 1.  
 Oct. 30—Knickerbocker: "Robespierre," 15 times.  
 Oct. 31—Wallack's: "A Rich Man's Son," still running Dec. 1.  
 Nov. 1—Knickerbocker: "The Amber Heart," 3 times.  
 Nov. 6—Garrick: "Sherlock Holmes," still running Dec. 1.  
 Nov. 6—Koster & Bial's: "Around New York in 60 Minutes," still running Dec. 1.  
 Nov. 8—Irving Place: "Das Oerflamm," 12 times.  
 Nov. 13—Manhattan: "Papa's Wife," still running Dec. 1.  
 Nov. 13—Madison Square: "Make Way for the Ladies," still running Dec. 1.  
 Nov. 17—Empire: Students' matinee: "The Fan," "Drusilla," "Afterthoughts."  
 Nov. 20—Knickerbocker: "The Elder Miss Blossom," still running Dec. 1.  
 Nov. 21—Irving Place: "Die Herren Sohne," 8 times.  
 Nov. 27—Daly's: "The Manoeuvres of Jane," still running Dec. 1.  
 Nov. 28—Herald Square: "A Greek Slave," still running Dec. 1.  
 Nov. 28—Empire: Students' matinee: "Osbern and Urysyne."  
 Nov. 29—Broadway: "Ben Hur," still running Dec. 1.  
 Nov. 30—Irving Place: "Hofgunst," still running Dec. 1.  
 Besides those at the "combination" houses and by stock companies, the most important revivals of the year have been: Academy of Music, Oct. 9 to Nov. 11, "The Old Homestead;" Academy of Music, Nov. 13, still running Dec. 1, "Way Down East;" Garden Theatre, Nov. 20, still running Dec. 1, "Cyrano de Bergerac."

SOME NEW PLAYS AND IMPORTANT REVIVALS AT THE PRINCIPAL LONDON THEATRES, DECEMBER 1, 1898, TO DECEMBER 1, 1899.

- Dec. 31, 1898—Royalty: "A Little Ray of Sunshine."  
 Jan. 5, 1899—Her Majesty's: "The Ambassador" and "The Repentance."  
 Feb. 13—Lyceum: "The Only Way."  
 March 8—Comedy: "A Lady of Quality."  
 April 6—Criterion: "The Tyranny of Tears."  
 April 8—Globe: "The Gay Lord Quex."  
 April 12—Her Majesty's: "Carnac Sahib."  
 April 15—Lyceum: "Robespierre."  
 June 6—Duke of York's: "The Cowboy and the Lady."  
 June 12—Adelphi: Sarah Bernhardt as Hamlet.  
 June 19—Duke of York's: "An American Citizen."  
 Aug. 31—Haymarket: "The Degenerates."  
 Sept. 15—Drury Lane: "Hearts Are Trumps."  
 Sept. 20—Her Majesty's: "King John."  
 Sept. 21—Prince of Wales: "Moonlight Blossom."  
 Oct. 28—Haymarket: "The Black Tulip."  
 Oct. 28—Terry's: "The Featherstones."  
 Nov. 27—Prince of Wales: "The Canary."  
 Nov. 29—Savoy: "The Rose of Persia."

## Literature in 1899.

## THE NOTABLE BOOKS OF THE YEAR.

An average of 5,000 books per year comes from the presses of the publishers of the United States. A look at the titles of these books brings clearly before the mind of an experienced reader the leading events of the year. During 1899 the subjects most talked of in America were the territory conquered in the Spanish-American War—Cuba, the Philippines—Hawaii, the annexed possessions; expansion; Kipling's dangerous illness; the Dreyfus trial; the triumphal return of Admiral Dewey; the South African conditions; and the unprecedented popularity of fiction by American authors.

## FICTION.

At the turn of the year all the world was reading Page's "Red Rock," Hopkinson Smith's "Caleb West," Harold Frederic's "Gloria Mundi," Miss Johnston's "Prisoners of Hope," Casboden's "When Knighthood Was in Flower," and Westcott's "David Harum," and these books are still popular throughout the land, the latter having sold 350,000 copies. Bearing date 1899 came "Richard Carvel," by Winston Churchill, a story of the American Revolution, introducing Washington, Paul Jones, Fox, and Horace Walpole, and already 220,000 are printed. "Janice Meredith," by Paul Leicester Ford, covering the same period, bids fair to become a dangerous rival. "The Market Place," by Harold Frederic, has also stood among the six best-selling books of a month. Kipling's books were much read, in a measure owing to the widespread anxiety at the time of his illness, and the year was rich in Kiplingiana of every kind—stories, birthday books, calendars, criticisms, explanations, etc.

"Via Crucis," by F. Marion Crawford, is a romance of the second crusade, introducing Queen Eleanor of France and Bernard of Clairvaux. "The Open Question," by C. E. Raimond, was a serious novel dealing with the question of heredity; "Windyhaugh," by Graham Travers, a plea for goodness and womanliness as beyond all intellectual gifts for women; "Taming of the Jungle," by Dr. C. W. Doyle, a strong story of India; "Children of the Mist," a highly original novel, of Devonshire, Eng., by Eden Phillpotts; "Cashel Byron's Profession," an arraignment of the artificiality of polite society in England, by Bernard Shaw, the playwright, whose hero is a prize-fighter; "The Sword of Justice," by Sheppard Stevens, dealing with the French and Indian War, and a valuable study of Indian customs; "The Mormon Prophet," by Lily Dougall, a character study of Joseph Smith, and "The King's Mirror," by Anthony Hope.

Grant Allen died recently, and then it was discovered that "The Typewriter Girl" and "Rosalba," both purporting to be the work of Olive Pratt Rayner, were from his pen; and under his own name appeared "Miss Cayley's Adventures," describing European travel. Among the new works of standard authors were Crockett's "Kit Kennedy," Harraden's "The Fowler," Edward F. Benson's "Mammon & Co.," Gissing's "Crown of Life," Besant's "The Orange Girl," Miss Murfree's "Story of Old Fort Loudon," Stockton's "Vizier of the Two-Horned Alexander," Richard Harding Davis' "The Lion and the Unicorn," Mrs. Burton Harrison's "Circle of the Century," Henry James' "The Awkward Age," W. D. Howells' "Ragged Lady," and Charles Dudley Warner's "That Fortune."

Fiction dealing with the sea, the railroad, and the telegraph was a feature of the year. To this class belong "In Hampton Roads," by Charles Eugene Banks and George Crain Cook, a story of the Civil War, dealing with the invention of ironclads, and detailing the work of the Merrimac and the Monitor; Bullen's "Cruise of the Cachalot" and "Idylls of the Sea," Hamblen's "Yarn of a Bucko Mate" and Hains' "Wind Jammers." The railroad is made romantic in Merwin Webster's "The Short Line War," Warman's "Snow on the Headlight" and "The White Mail," and Hill's "Stories of the Railroad," while Brady's "Tales of the Telegraph" does the same for that method of communication. Also a feature of the year were novels dealing with questions of education and social problems, the tone in most being of a very high morality. Of such were Stuart's "Averages," Dowson-Moore's "Adrian Rome," Whiteing's "No. 5 John Street," one of the most widely read of the books of the year, dealing with the contrasts of poverty and luxury in London; Mallock's "Tristram Lacy," White's "Differences," Sherwood's "Henry Worthington, Idealist," a study of department store problems; Sawyer's "A Local Habitation" (labor problems and journalism), Pendered's "Michael Rolf, Englishman" (real and artificial class distinctions and prejudices), and Lynde's "The Helpers" (study of gambling). Very strong were "McTeague," a San Francisco study by Frank Norris, and "The Maternity of Harriott Wicken," by Mrs. Dudeney, a story of heredity too realistic for fiction. A feature of the year was also the dramatization of fiction and the turning of plays into novels. At the moment Dickens' "Tale of Two Cities," Wallace's "Ben Hur," Thackeray's "Vanity Fair," Zangwill's "Children of the Ghetto," Anthony Hope's "Phroso," etc., are on the stage, while Sardou's "Robespierre," Rostand's "Cyrano de Bergerac," etc., have been lengthened into novels.

The short stories of special merit were: Wharton's "Greater Inclination," Chesnut's "The Conjure Woman," Dawes' "Stories of Colonial Mansions," Hewlett's "Little Novels of Italy," Catherwood's "Mackinac Lake Stories," Risley's "Men's Tragedies," Brown's "Tiverton Tales," King's "Stories of the War of 1898," and Hopkinson Smith's "The Other Fellow."

## POLITICAL AND SOCIAL.

Books relating to the Spanish-American War and its consequences are grouped here regardless of their biographical, descriptive, or historical bearings. Also books on South Africa. William T. Stead made a trip to all the capitals of Europe to gather information of the political situation of 1899 regarding the Peace Rescript of the Czar of Russia and American expansion. The result was "The United States of Europe on the Eve of the Parliament of Peace," "Can We Disarm?" arguments for and against, by Joseph McCabe and George Darian; "Future of War," by I. S. Bloch, discussing technical, economic, and political relations; "The Federation of the World," by Benjamin F. Trueblood, Secretary of the American Peace Society; "Anglo-Saxon Superiority," by Edmund Delmonis; "The History of American Expansion" and "Our Four New Possessions," by Murat Halstead; "Our Nation's Peril," by Louis G. James, against imperialism; "Imperialism and the Tracks of Our Forefathers," by Charles Francis Adams (against); "The Imperial Republic," by J. O. Fernald, assistant editor of the Standard Dictionary (in favor); "Imperial Democracy," by David Starr Jordan (against expansion); "The Foreign Policy of the United States," discussions before the American Academy of Political and Social Science; "Democracy," by James Hervey Hyslop, Professor of Logic and Ethics in Columbia University—a remarkable exposition of true democracy, its duties, privileges, and responsibilities; "Everything About Our New Possessions," by T. J. Vivian and Ruel P. Smith (chiefly statistics). Henry Cabot Lodge wrote "Our War with Spain," an authoritative book; books on Hawaii were written by William Fremont Blackman, Edmond James Carpenter, Caspar Whitney, and Lucien Young; the Philippines were described from every point of view by Rev. Ambrose Coleman, Amos Kidder Fiske, Lala, F. D. Millet, John W.



## LITERATURE IN 1899—Continued.

Taylor, and G. J. Younghusband. Fifteen books, of more than average merit, related to Cuba; among the authors were Hobson, Kennan, Bonsal, Wheeler, etc.; important books dealt with Porto Rico; Amos Kidder Fiske wrote of the West Indies as a whole, and Sigbee of the ill-fated Maine. There were five biographies of Admiral Dewey, of which the best is John Barrett's.

Forty-seven books dealt with Africa as a whole and with various sections, and nine books dealt with the South African conditions; the authors were Knox-Little, Olive Schreiner, Hillegas ("Oom Paul's People"), Mary H. Kingsley, etc.

Municipal government, trusts, labor problems, etc., were dealt with in Seth Low's "Trend of the Century," Henry Wallace's "Trusts and How to Deal with Them," Hirsch's "Democracy Against Trusts and Free Silver," Weber's "Growth of Cities," Bemis' "Municipal Monopolies," James' "Growth of Great Cities," Breen's "Thirty Years of New York Politics," Marat's "Labor Literature," Flynt's "Tramping with Tramps," George's "Involuntary Idleness of Labor," Prevez's "Economic Aspects of Charity," Stephens' "Working People," Ferris' "Pauperizing the Rich," Vehlen's "Theory of the Leisure Class," Gordon's "Government Ownership of Railroads," David Starr Jordan's "Economics," Daniels' "Public Finance," and Francis Amasa Walker's "Discussions on Economics and Statistics." Of great interest to industrial America are Sargent's "Corn Plants," Wilkinson's "Story of the Cotton Plant," Myrich's "American Sugar Industry," and Stewart's "Shall We Grow the Sugar That We Consume?" Also timely are Cook's "Comparative Study of the Negro Problem," Cross' "The Negro and the Sunny South," and Love's "Disfranchisement of the Negro." The woman problem produced "Occupations of Women," "Ideal New Woman," Dana's "Woman's Possibilities," Dodge's "What Women Can Earn," Heinzen's "Rights of Woman," and Marholm's "Studies in the Psychology of Women."

## BIOGRAPHY AND HISTORY.

The year was unusually rich in biography and correspondence. "Who's Who in America," edited by Leonard, is modelled on the book that has appeared annually in England for fifty-one years. "James R. Lowell and His Friends," by E. E. Hale; Mrs. Julia Ward Howe's "Reminiscences," T. W. Higginson's "Contemporaries," the men and women of the fifties in America; E. P. Roe's "Reminiscences," Fisher's "True William Penn," P. L. Ford's "Many-sided Franklin," Haggood's "Abraham Lincoln," Cathey's "Abraham Lincoln," Gorham's "Life of Stanton," "Art Life of William Morris Hunt," etc.

English biography included "The Life of George Borrow" (Bible in Spain), "Stevenson's Letters," Spurgeon's "Autobiography," "Life of Lewis Carroll" ("Alice in Wonderland"), "Letters of Robert and Elizabeth Barrett Browning," Justin McCarthy's "Reminiscences," Mrs. Oliphant's "Autobiography," Monkhouse's "Kipling," and Clemens' "Ken of Kipling," etc.

From the French we have Victor Hugo's "Memoirs," "Personal Opinions of Balzac," "Dreyfus' Letters to His Wife," Steevens' "Tragedy of Dreyfus," Harding's "Story of Dreyfus," and Deele's "Trooper 3309," dealing with conditions in the French Army making possible a "Dreyfus affair." Other European celebrities were covered in three lives of Leo XIII., and one announced by F. Marion Crawford, not quite ready; two lives of Bismarck, two biographies of Elizabeth, Empress of Austria (assassinated in the spring), Stillman's "Crispi," "Reminiscences of Prince Krapotkin," etc.

Of historical importance are Edwin A. Grosvenor's "Contemporary History of the World," covering the last fifty years; Ripley's "Races of Europe," Trevelyan's "American Revolution," of which the first volume promises a fine work; Ropes' "Story of the Civil War," brought to special attention by the death of the author; Wise's "End of an Epoch," United States history to the end of the Civil War; the fifth volume of McMasters' "History of the United States," McCarthy's "Story of the People of England," Maclay's "American Privateering," Matthews' "Navy in 1861-1878," Wagner's "United States Army and Navy," Laughton's "From Howard to Nelson," Clowes' "Royal Navy," etc.

## DESCRIPTION AND TRAVEL.

Heilprin's "Alaska and the Klondike," Hemstreet's "Old New York," Shoemaker's "Quaint Corners of Philadelphia," "Monumental Guide to Gettysburg," Simpson's "Edinburgh Days," Johnson's "Among English Hedgerows," "Famous Homes of Great Britain," "Troubadours at Home," "Fendal Chateaux of France," Meldrum's "Holland," Ransome's "Japan," Hearn's "In Ghostly Japan," Steevens' "In India," Mrs. Bird Bishop's "Yang-tse-Valley," Penfield's "Egypt."

## LITERARY MISCELLANY.

Beers' "English Romanticism in the Eighteenth Century," Corson's "Introduction to Milton," Wiener's "Yiddish Literature," "Literatures of the World (Austrian, Japanese, Hungarian)," Darrow's "Realism," Hyde's "Literary History of Ireland," Trent's "Authority of Criticism," Smith's "Stories of Great National Songs," Cross' "English Novel," Max Muller's "Old Lang Syne," two series of reminiscences of literary subjects, Johnson's "Testimony of Shakespeare's Sonnets," two books on Edgar Allen Poe, one by Fruit, the other by Benton; Dominic's "Contemporary French Novelists," D. G. Mitchell's "American Lands and Letters," covering to Fenimore Cooper; Kipling's "From Sea to Sea," and several other works made up from Kipling's writings.

## MISCELLANEOUS.

"The Man with the Hoe," a poem in a book by Edward Markham, was one of the most discussed literary products of the year; Dunbar's "Lyrics of the Hearthstone" and Realf's "Poems" were also much read; a memorial edition was published of the poems of Timrod, the ill-fated Southern singer. Of interest to theatre, opera, and concert patrons were Wagnalls' "Stars of Opera," Annesley's "Standard Opera Glass," the memorial volume for Anton Seidl, Stebbins' "Charlotte Cushman," Huret's "Sarah Bernhardt," "Reminiscences of Mrs. Drew," Hiatt's "Ellen Terry and Her Impersonations," Hunecker's "Mezzotints in Modern Music," Henderson's "Orchestra," "How Music Developed," etc.

The year was phenomenally rich in books on painters and musicians. George William Jordan's essays that made so great a success as editorials in the *Saturday Evening Post*, of Philadelphia, were issued as "Kingship of Self-Control," and other books dealing with ethics were Robert Grant's "Search-Light Letters," Hamilton Mabie's "Life of the Spirit," Fiske's "Through Nature to God," Lecky's "Map of Life," Knowlton's "Art of Thinking," Drummond's "City Without a Church," Van Dyke's "Fisherman's Luck," four examinations of "Christian Science," and a book among the sensations of the year, said to have sold nearly 3,000,000 copies, was Sheldon's "In His Steps; or, What Would Jesus Do?" Bernard Shaw, in "The Perfect Wagnerite," tried to prove that Wagner's music was meant to show up the social conditions of the modern world, and "Mr. Dooley in the Hearts of His Countrymen" is almost as good as the original Dooley volume. Works on education of great value were also a feature of the year.

## Copyright Law of the United States.

DIRECTIONS FOR SECURING COPYRIGHT UNDER THE REVISED ACTS OF CONGRESS, INCLUDING THE PROVISIONS FOR FOREIGN COPYRIGHT, BY ACT OF MARCH 3, 1891.

SECTION 4,952 of the Revised Statutes of the United States, in force December 1, 1873, as amended by the act of June 18, 1874, as amended by the act of March 3, 1891, provides that the author, inventor, designer, or proprietor of any book, map, chart, dramatic or musical composition, engraving, cut, print, or photograph or negative thereof, or of a painting, drawing, chromo, statuary, and of models or designs intended to be perfected as works of the fine arts, and the executors, administrators, or assigns of any such person, shall, upon complying with the provisions of this chapter, have the sole liberty of printing, reprinting, publishing, completing, copying, executing, finishing, and vending the same; and, in the case of a dramatic composition, of publicly performing or representing it, or causing it to be performed or represented by others. And authors or their assigns shall have exclusive right to dramatize or translate any of their works for which copyright shall have been obtained under the laws of the United States.

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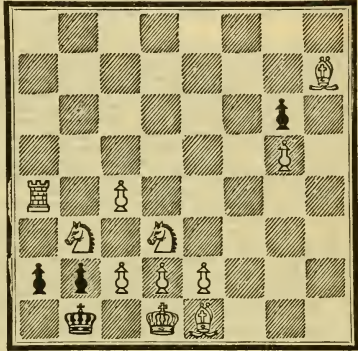
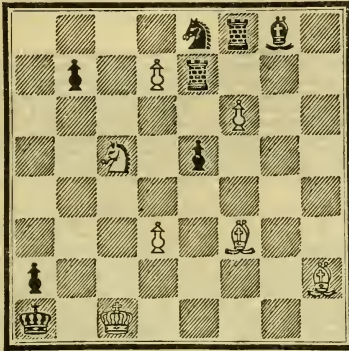
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Chess.

PROBLEMS OF THE YEAR 1899.

BLACK.

BLACK.



WHITE.

WHITE.

White to play and mate in three moves.

White to play and mate in three moves.

The above problems, the first by J. Drtina and the second by A. Silvestre, are selected as two of the most remarkable compositions which appeared during the last year.

**1899** WAS replete with the usual number of interesting and important events which mark the close of a great century of chess development.

In the fourth cable match for the Newnes Trophy between the American and British players, March 10 and 11, the Americans won by the score of 6 to 4, the pairing and results being as follows :

| AMERICANS.           |    | BRITISH.              |    | AMERICANS.          |    | BRITISH.              |    |
|----------------------|----|-----------------------|----|---------------------|----|-----------------------|----|
| H. N. Pillsbury..... | 0  | J. H. Blackburne..... | 1  | H. G. Voight.....   | ½  | H. Jacobs.....        | ½  |
| J. W. Showalter..... | 1  | H. E. Atkins.....     | 0  | S. P. Johnston..... | ½  | C. D. Lockett.....    | ½  |
| J. F. Barry.....     | 1  | T. F. Lawrence.....   | 0  | F. J. Marshall..... | ½  | G. E. Wainwright..... | ½  |
| A. B. Hodges.....    | 1  | E. M. Jackson.....    | 0  | C. J. Newman.....   | ½  | G. E. Bellingham..... | ½  |
| Edward Hymes.....    | ½  | D. Y. Mills.....      | ½  | D. J. Baird.....    | ½  | H. W. Trenchard.....  | ½  |
| Total.....           | 3½ | Total.....            | 1½ | Total.....          | 2½ | Total.....            | 2½ |

Each side has now won two matches; the grand totals being 19½ games to 18½, in favor of the Americans, who now hold the trophy. Arrangements are being made for the fifth contest.

An international cable match was played between the American and British Universities April 21, and was won by the British, with the score of 3½ to 2½. The contest will be an annual affair, as Prof. Isaac L. Rice has donated a handsome international trophy for that purpose.

The annual intercollegiate tournament was held as usual during Christmas week, 1898, and resulted in favor of Harvard with 10 victories; Columbia, 8½; Yale, 2½, and Princeton 3. This makes five successive wins for Harvard since Columbia won in 1892 and 1893.

The State Chess Associations held their annual meetings and tournaments on Washington's Birthday in the States of New York, Pennsylvania, New Jersey, Rhode Island, Ohio, and Virginia. William M. DeVisser won the championship cup of the New York State Association, and S. Lipschutz carried off the first prize of the tournament of the midsummer meeting, held at Saratoga August 28-30.

Janowski, the distinguished Polish champion, played two matches with Showalter, winning the first, by the score of 7 to 2 with 4 draws, and losing the second match by 8 to 4 and 1 draw.

The chief event of the year was the great International Tournament held in London during July, in which Champion Lasker carried off the first prize against a field of the leading masters of the world, the following being the names and scores of the players :

|                 |     |                 |     |               |     |
|-----------------|-----|-----------------|-----|---------------|-----|
| Lasker.....     | 22½ | Blackburne..... | 15½ | Steinitz..... | 11½ |
| Janowski.....   | 18  | Tschigorin..... | 15  | Lee.....      | 9½  |
| Pillsbury.....  | 18  | Showalter.....  | 12½ | Bird.....     | 7   |
| Moroczy.....    | 18  | Mason.....      | 12  | Tinsley.....  | 6   |
| Schlechter..... | 17  | Cohn.....       | 11½ | Teichman..... | 2   |

As there were but nine prizes, it may be noted as a remarkable fact that for the first time in his eventful career ex-Champion Steinitz was not placed.

It may also be noted that Tschigorin, who only won the seventh prize, carried off the chief honors in the Russian National Tournament subsequently held at Moscow, the winners being; Tschigorin 10, Schiffers 7½, Lewitki 7, Lebedew 6½, Janowitsch 6, Hellbach and Nenarokow 5½.

Preparations are being made for an international tournament to be held on a grand scale in connection with the forthcoming Paris Exhibition.

The following are the solutions to the problems of 1898, contained in last year's ALMANAC :

PROBLEM NO. 1-BY GILBERG.

PROBLEM NO. 2-BY GILBERG.

- White.  
 1. B-Q Kt 6.  
 2. B-Q R 4.  
 3. Mates.

- Black.  
 1. P x B.  
 2. Moves.
- White.  
 1. Q-K Kt 4.  
 2. B-Q B 4.  
 3. Q Mates.

- Black.  
 1. P-Q B 6.  
 2. Moves.

## Geographical Progress in 1899.

A RETROSPECT of the explorations and discoveries of 1899 reveals greater perseverance and activity in Polar expeditions and in the exploration of the Dark Continent than in any other field of geographical research. The following is mainly an outline of the achievements of noted explorers in these and in other quarters of the globe.

### POLAR EXPLORATION.

About the middle of February, 1899, after wintering in a canvas-covered hut at Cape Tegetthoff, Hall Island, latitude  $80^{\circ}$  North, the American explorer, Mr. Walter Wellman, with three Norwegians and forty-five dogs, started north. The expedition had two objects in view—the discovery of the North Pole and the exploration of Franz Josef Land, in the latter of which Mr. Wellman was successful, and the mapping of the archipelago is now practically complete. About a month after leaving Winter quarters a fall into a crevasse necessitated Mr. Wellman's retreat. Otherwise  $87^{\circ}$  North would doubtless have been reached. Many unknown regions were explored, notwithstanding this, and the subsequent loss, through an earthquake, of some of the sledges and dogs. No vestige of Andrée was found. An Italian expedition, commanded by the Duke of Abruzzi, who had followed in the track of the American with the same objects in view, was met by him in Franz Josef Land on August 9. At  $80.30^{\circ}$  the two expeditions separated.

A Swedish expedition to East Greenland conducted by Dr. A. G. Nathorst found that the interior of Franz Josef Fjord lay  $2^{\circ}$  further east than was supposed, and that the fjord narrowed toward the interior and was much smaller than maps would indicate. A new fjord was also discovered connected with the southern branch of Franz Josef, and was named King Oscar's. It extends southward to Davy Sound, two branches to the eastward connecting it with the sea. Besides this important discovery, both fjords were mapped, as also was Hury Inlet, and the correct longitude of the Liverpool coast was ascertained. Dr. Nathorst sailed about 800 nautical miles through the waters of Antarctic Sound, where no ship had ever passed. The expedition failed in its main object, the discovery of some traces of Andrée. A Danish expedition from Copenhagen to East Greenland, under the command of Lieutenant Amstrup, R. D. N., explored the coast as far as  $67^{\circ}6'$ , establishing depots at  $66^{\circ}6'$  and  $67^{\circ}15'$ . Further operations in the Arctic regions, with the object of discovering the northern side of Greenland, and thus, if possible, reaching the Pole, have been carried on by Lieutenant Peary and the Norwegian Captain Sverdrup, of the Fram, Dr. Nansen's vessel. The Peary auxiliary expedition, which sailed with supplies from St. John's on July 15, conveyed to Ellesmere Land Dr. Robert Stein, of Washington, and other explorers. Scientific observations and experiments were also made by the Russian Admiral Makaroff from the Yermak, a powerful vessel specially built for Polar exploration.

In the Antarctic regions German deep-sea exploration, besides proving that the Southern Ocean is of astonishing depth, has discovered indications of the nature of the Antarctic Continent, through fragments of granite, gneiss, and schist conveyed from the shores and dropped by icebergs. Professor Chun found Bouvet Island to be of volcanic origin. Its centre lies in latitude  $54^{\circ}26.4'$  South, longitude  $3^{\circ}24.2'$  East. It is 5.1 nautical miles from east to west, and 4.3 from north to south. The loftiest point of its crater rim (Kaiser Wilhelm peak) is 3,067 feet high. One vast glacier covers the whole, forming on two sides a wall of ice 400 feet in height. Soundings taken between Enderby Land and Kerguelen Island revealed great abysses 2,000 to 3,000 fathoms in depth. Another Antarctic expedition, organized by Sir George Newnes under the British flag, after reaching Cape Adare, was assailed by terrific storms. After landing an exploring party and supplies, the vessel (Southern Cross) returned to New Zealand.

### AFRICAN EXPLORATION.

In Africa Col. J. R. L. Macdonald explored the unknown regions lying to the north of Uganda, between the Nile and Lake Rudolf, collecting many facts respecting the drainage of those districts. He also discovered that the plateaus of Maus, Nandi, and the Guash Ngishu extend, at reduced elevations, far to the northward. For the first time the western shore of Lake Rudolf has been correctly laid down by Captain Austin. Another successful journey in the same quarter was undertaken by Captain Welby, who collected much interesting information respecting the numerous tribes through which he passed. A scientific expedition to the Central African lakes, under the direction of J. E. Moore, found the greatest depth of Lake Nyasa to be 430 fathoms. An expedition in the French Congo, under the conduct of M. Fourneau, was also a notable success. Leaving Wesso February 14, M. Fourneau pushed on to the River Mambili, and thence through an uninhabited wilderness where no food could be found to a settlement of the Bakabos. After reaching the basin of the Ivindo, he turned north and then veered toward the west, reaching the Albombe on April 2. M. Fourneau then penetrated to the Pahuin country as far as the Bokowe. He reached Gabon on the 10th of June. The journey from the upper Sanga to the coast was made via the River Como, a tributary of the Ogive. An expedition to the southeast corner of the Cameroons via the Congo was sent out under Dr. Pleyn, and the upper course of the Ngoko (a branch of the Sanga), which constitutes for some distance the boundary between the French and the German territories, was explored. By traversing regions entirely uninhabited Dr. Pleyn reached the junction of the Bumba and the Ya, which, uniting, form the Ngoko, and these in turn were explored. He found the country covered with primeval forest, rich in rubber and abounding in elephants. An expedition for the special study of the rubber plant was despatched to West Africa by the Committee on Colonial Agriculture in Berlin under the direction of Herr Schlechter. Further explorations were made in the region of Bangwenlu by Mr. Weatherby, and Mt. Kenya was climbed by Mr. Mackinder, who found it over 17,000 feet in altitude.

The remarkable journey across Africa accomplished by the French military expedition under Major Marchand proved of scientific as well as political importance. Two other French expeditions under Captains Voulet and Chanoine, after pursuing different routes, met at Lausanne Housa January 2. Hostilities having broken out between the French and the natives, charges of gross cruelty were preferred against Voulet and Chanoine and Colonel Klobb was sent out to investigate. Bloodshed followed and the leaders of both parties were killed. During the visit of the Marchand mission the correct latitude and longitude of the present capital of Abyssinia was determined by Captain Germain and Sub-Lieutenant Dyc, that given on the best maps having been very inaccurate. A journey through the interior of Morocco was made by Dr. F. Weisgerber, who visited localities rarely, if ever, reached by Europeans, and the Tensift River, hitherto but partially known, was explored by Dr. Th. Fischer from the plain of El Hamar to the city of Morocco. A belt of black soil of astonishing fertility was discovered, extending from Tensift to the Sebu, parallel with the coast, and interesting data respecting the foreland formation of the Atlas Mountains secured.

Further east a military expedition marched from Biskra to Onargia via Toucourt, showing that troops could be marched over the sands and insurrections suppressed in the extreme south of Algeria.

## GEOGRAPHICAL PROGRESS IN 1899—Continued.

In the west another French expedition for the exploring of the upper Kavalli made its way from Bereby Rock, Ivory Coast, to the Duo River. In Ashanti a lake situated near the Guinea coast was explored by a French missionary, M. E. Perregaux, who found a score of native fishing hamlets along its shores. Exploratory work was also done by M. de Béhagle at the source of the Gribingi River. In the south, the Zambesi was ascended by Major Gibbons, who remapped the river, rectifying many mistakes. He found the waterfalls much more numerous than laid down on maps.

## EXPLORATIONS IN SOUTH AMERICA.

In the Western Hemisphere South America, particularly the southern portion, has during the past year yielded many of its secrets to the indefatigable efforts of explorers. In Southern Chile a large river, the Rio Baker (Las Heras), was explored by Dr. Steffen. (The river is the largest south of the Palena. It drains the whole region between latitude 46° 5' and 47° 30' S., and also Lakes Buenos Ayres and Cochrane. Extensive swamps skirt the banks. The valley is broad and inclosed by lofty snow-covered mountains. Dr. Steffen's claims of original discovery are, however, disputed by the Argentine explorer, Dr. F. P. Moreno. Dr. Paul Krüger traced the course of the Patagonian Rio Yelcho to the debouchure of the Corintos, proving thereby its identity with the Futaleu (or Staleu). He showed that the Futaleu is not, as supposed, a continuation of the Rio Frio, a tributary of the Palena, but merely the upper portion of the Yelcho, which offers a comparatively easy route from the sea to the colonies in the interior. The so-called Palbitad Fiord to the southward, as shown on maps of that region, does not exist. A small stream, however was found in its place and named the Rio Palbitad.

## GENERAL.

As a result of his explorations in Central America Dr. Carl Sapper contributed interesting facts as to the physical features of the northern regions. The original mountain system which covers a considerable area he found to be a continuation of the Archæan arc of the eastern Sierra Madre of Mexico. In Asia much interesting information was collected by Robert T. Turley in a journey to "No Man's Land," Manchuria, and the picturesque and all but unknown gorges of Hun Kiang, surpassingly beautiful in their icy grandeur. From further south valuable additions to the geography of China were contributed by the French traveller, M. Bonin. Since last year Sha-si, the centre of the greatest weaving district of China, has been opened up to foreign trade.

From India two pioneer ascents in the Himalayas were reported, Biafo Glacier and Hispar Pass, by Fanny Babcock Workman, and also a Danish expedition to explore the upper valleys of the Hindu-Kush, under the leadership of Lieutenant Olufsen. Many interesting facts concerning the aborigines of the island of Formosa, have come to light, thanks to the explorations of the Japanese in that quarter. In North Borneo Mt. Kinabalu was ascended by H. T. Burls, who collected much interesting geological data. From Australia was reported an expedition, the object of which was the discovery of the remains of Dr. Leichardt's expedition, which was lost in the interior fifty-two years ago.

In Iceland, Mr. F. W. Howell successfully accomplished the crossing of the Lång Jökull, accompanied by two Oxford men and two Icelanders.

There was considerable progress made during the year in oceanic research. Mr. R. E. Peake, in the steamship *Britannia*, secured 477 deep soundings in the North Atlantic, besides a large collection of deep-sea deposits, and made many deep-sea current and temperature observations. In the Pacific deep-sea investigation was continued by Alexander Agassiz from the United States steamer *Albatross*, and in the East Indian seas by Professor Weber on a Dutch warship. Operations in the Black and in the Caspian Sea have also been conducted by the Russians. About nine miles from Sebastopol an ancient city was unearthed by Dr. Kaspar, director of the Russian Archaeological Society, and thousands of objects were brought to light, including bronze and marble statues, and coins dating from the Christian Byzantine period.

## SEVENTH INTERNATIONAL GEOGRAPHICAL CONGRESS.

The Congress met in Berlin September 23. Baron Richthofen presided and delivered the address of welcome. Continuing he reviewed the geographical progress of the century. Sir Clements Markham, President of the previous Congress (London, 1895), then presented report of permanent bureau, and resigned his office. The report contained recommendations regarding the triangulation of Africa and the proposed map of the world on a scale of 1-1,000,000, and also announced that hydrographic research would shortly be undertaken in the North Sea by the British, German, and Scandinavian Governments in collaboration. He then outlined a proposed plan for the thorough scientific exploration of the entire South Polar region by means of two expeditions to be conducted simultaneously by Great Britain and Germany in coöperation in 1901. (Sums of money have already been donated by both governments, and also by private individuals, for this purpose.) About a hundred papers were read and discussed. Oceanographical exploration and the question of international uniformity in nomenclature received special attention. The geographical work of the United States Government was outlined by General Greely, of Washington. Resolutions passed favored among other things a uniform map of the world as suggested, each sheet to be bounded by meridians and parallels, statistical population maps, maps on a natural scale, the furnishing of particulars as to method of surveying instruments employed and verification (recommending that all doubtful portions of maps be so indicated), and the adoption of the metric system in all geographical research and discussion. It was also recommended that the attention of governments holding foreign possessions be called to the necessity of obtaining more exact data as to population in unorganized countries.

## The American National Red Cross.

INCORPORATED under the laws of the District of Columbia, October 1, 1881. Reincorporated, April 17, 1893, for the relief of suffering by war, pestilence, famine, flood, fires, and other calamities of sufficient magnitude to be deemed national in extent. The organization acts under the Geneva Treaty, the provisions for which were made in International Convention at Geneva, Switzerland, August 22, 1864, and since signed by nearly all civilized nations. The United States gave its adhesion by act of Congress, March 1, 1882. Ratified by the Congress of Berne, June 9, 1882. Proclaimed by President Arthur July 26, 1882. Headquarters, Washington, D. C.

The officers of the American organization are: *Board of Consultation*—The President of the United States and Members of the Cabinet.

*Executive Officers*—Clara Barton, President; George Kennan, First Vice-President; Stephen E. Barton, Second Vice-President; Walter P. Phillips, General Secretary; Dr. Julian B. Hubbell, General Field Agent. *Directors*—Clara Barton, Stephen E. Barton, Dr. Julian B. Hubbell, George Kennan, Walter P. Phillips, Peter V. De Graw, Dr. Joseph Gardner. *Executive Committee*—Stephen E. Barton, Chairman; George C. Boldt, Treasurer; Joseph Sheldon, Wm. B. Howland.

## Painting and Sculpture.

## NATIONAL ACADEMY OF DESIGN.

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1862. Beard William H., 51 West 10th St.  
 1894. Beckwith, J. Carroll, 58 West 57th St.  
 1860. Bierstadt, Albert, 1271 Broadway.  
 1888. Blashfield, Edwin H., 58 West 57th St.  
 1859. Blauvelt, Charles F., Annapolis, Md.  
 1893. Blum, Robert 90 Grove St.  
 1871 Boughton, George H., London, Eng.  
 1872. Brandt, Carl L., Hastings-on-Hudson, N. Y.  
 1863 Brevoort, J. R., 52 East 23d St.  
 1881. Bridgman, Frederick A., Paris, France.  
 1875. Bristol, John B., 52 East 23d St.  
 1863 Brown, J. G., 51 West 10th St.  
 1873. Butler, George B., Century Club.  
 1875. Calverley, Charles, 107 East 27th St.  
 1890. Chase, William M., 234 East 15th St.  
 1849. Church, Frederic E., Hudson, N. Y.  
 1885. Church, F. S., 1512 Broadway.  
 1898. Clinedinst, B. West, 110 Fifth Ave.  
 1862. Colman, Samuel, Newport, R. I.  
 1851. Cropsey, J. F., Hastings-on-Hudson, N. Y.  
 1863. Dana, W. P. W., Paris, France.  
 1888. Dewing, Thos. W., 911 Seventh Ave.  
 1883. Dielman, Frederick, 1512 Broadway.  
 1882. Gaul, Gilbert, 170th St., near Tenth Ave.  
 1878. Gifford, R. Swain, 152 West 57th St.  
 1867. Griswold, C. C., 139 West 55th St.  
 1865. Guy, Seymour Joseph, 51 West 10th St.  
 1868. Hall, George Henry, Rome, Italy.  
 1889. Hamilton, Hamilton, Baldwin's, L. I.  
 1859. Hart, James M., 11 East 14th St.  
 1891. Hartley, J. S., 145 West 55th St.  
 1862. Hazeltine, W. Stanley, Boston, Mass.  
 1863. Hennessy, W. J., London, Eng.  
 1869. Henry, E. L., Century Club.  
 1865. Homer, Winslow, Scarborough, Me.  
 1897. Howe, Wm. H., Bronxville, N. Y.  
 1882. Howland, Alfred C., 52 East 23d St.  
 1840. Huntington, Daniel, 49 East 20th St.  
 1899. Inness, George, Jr., Carnegie Hall.  
 1861. Johnson, David, 69 West 131st St.  
 1860. Johnson, Eastman, 65 West 55th St.  
 1851. Jones, Alfred, 86 Trinity Place.  
 1894. Jones, Francis C., 215 West 42d St.  
 1883. Jones, H. Bolton, 253 West 42d St.  
 1869. La Farge, John, 51 West 10th St.  
 1897. Lippincott, Wm. H., 286 West 84th St.  
 1890. Low, Will. H., 42 West 15th St.  
 1876. Magrath, William, 11 East 14th St.
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1875. Martin, Homer D., Century Club.  
 1885. Maynard, Geo. W., 156 East 36th St.  
 1875. Miller, Charles H., 108 West 23d St.  
 1885. Millet, F. D., Broadway, Eng.  
 1895. Moeller, Louis, Mount Vernon, N. Y.  
 1884. Moran, Thomas, 37 West 22d St.  
 1891. Mowbray, H. Siddons, 66 West 11th St.  
 1887. Murphy, J. Francis, 222 West 23d St.  
 1870. Nehlig, Victor, Paris, France.  
 1885. Nicoll, J. C., 51 West 10th St.  
 1897. Palmer, Walter L., 5 Lafayette St., Albany, N. Y.  
 1884. Parton, Arthur, 52 West 23d St.  
 1869. Perry, E. Wood, 51 West 10th St.  
 1880. Porter, Benj. C., 3 North Washington Sq.  
 1851. Richards, T. Addison, National Academy.  
 1878. Robbins, Horace Wolcott, 56 East 57th St.  
 1863. Rogers, John, New Canaan, Ct.  
 1897. Sargent, John S., 33 Tite St., London, Eng.  
 1875. Sellstedt, L. G., Buffalo, N. Y.  
 1861. Shattuck, Aaron D., Granby, Ct.  
 1888. Shirlaw, Walter, 3 North Washington Sq.  
 1890. Shurtleff, R. M., 44 West 22d St.  
 1882. Smillie, George H., 51 East 59th St.  
 1876. Smillie, James D., 156 East 36th St.  
 1861. Sonntag, William L., 120 East 22d St.  
 1889. St. Gaudens, Augustus, 148 West 36th St.  
 1858. Tait, Arthur F., 82 Waring Place, Yonkers, N. Y.  
 1880. Tiffany, Louis C., 335 Fourth Ave.  
 1891. Tryon, D. W., 226 West 59th St.  
 1886. Turner, C. Y., 35 West 14th St.  
 1883. Van Elten, Kruseman, 51 West 10th St.  
 1865. Vedder, Elihu, Rome, Italy.  
 1891. Vinton, Frederic P., Boston, Mass.  
 1891. Walker, Horatio, 51 West 10th St.  
 1883. Ward, Edgar M., 51 West 10th St.  
 1863. Ward, J. Q. A., 119 West 52d St.  
 1895. Watrous, Harry W., 58 West 57th St.  
 1886. Weir, J. Alden, 146 West 55th St.  
 1866. Weir, John F., New Haven, Ct.  
 1861. Whittridge, Worthington, Summit, N. J.  
 1898. Wiles, Irving R., 106 West 55th St.  
 1873. Wilmarth, Lemuel E., 352 Adelphi St., Brooklyn, N. Y.  
 1871. Wood, Thomas Waterman, 51 West 10th St.  
 1880. Yewell, George H., 51 West 10th St.

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 Story, George H., 230 West 59th St.  
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 Ulrich, Charles F., Munich.  
 Van Boskerck, R. W., 58 West 57th St.  
 Walker, Henry O., 152 West 55th St.  
 Weldon, C. D., 51 West 10th St.  
 Wiggins, Carleton, London, Eng.  
 Witt, J. H., 1155 Broadway.

The addresses of members of the Academy, given in the list, refer to the city of New York when

NATIONAL ACADEMY OF DESIGN—Continued.

not otherwise specified. The National Academy was founded in 1826. The schools of the National Academy are open from the first Monday in October to the middle of May. Circulars containing rules, conditions of admission, and other details may be had on application at the Academy, corner Fourth Avenue and East Twenty-third Street, New York.

**SOCIETY OF AMERICAN ARTISTS.**

*President*—John La Farge. *Vice-President*—Kenyon Cox. *Secretary*—Douglas Volk. *Treasurer*—Samuel Isham. The above, with Edwin H. Blashfield, constitute the Board of Control. The address of the Secretary is 215 West Fifty-seventh Street, New York.

The Society is composed of 110 members, which includes both sculptors and painters. Its annual exhibition takes place at the above address, generally about the last of March, and lasts until about May 1. Two prizes are awarded each year.

**ROYAL ACADEMY.**

*President*—Sir Edward John Poynter. *Keeper*—E. Crofts. *Treasurer*—Alfred Waterhouse. *Librarian*—W. F. Yeames. *Secretary*—Frederick A. Eaton. *Registrar*—C. McLean.

**ROYAL ACADEMICIANS.**

- |                                 |                               |                             |
|---------------------------------|-------------------------------|-----------------------------|
| 1898 Abbey, Edwin Austin.       | 1863 Goodall, Frederick.      | 1894 Prinsep, Valentine C.  |
| 1898 Aitchison, George.         | 1891 Gow, Andrew Carrick.     | 1895 Richmond, Sir William  |
| 1879 Alma-Padema, Sir Lawrence. | 1881 Graham, Peter.           | Blake, K. C. B.             |
| 1879 Armstead, Henry Haugh.     | 1898 Gregory, Edward John.    | 1881 Rivière, Briton.       |
| 1896 Boughton, George Henry.    | 1890 Herkomer, Hubert.        | 1869 Sant, James.           |
| 1891 Brock, Thomas.             | 1860 Hook, James Clarke.      | 1897 Sargent, John Singer.  |
| 1867 Cooper, Thomas Sidney.     | 1896 Jackson, Thomas Graham.  | 1877 Shaw, Richard Norman.  |
| 1896 Crofts, Ernest.            | 1898 Leader, Benj. Williams.  | 1882 Stone, Marcus.         |
| 1877 Davis, Henry Wm. Banks.    | 1876 Leslie, George Dunlop.   | 1888 Thornycroft, Wm. Hamo. |
| 1891 Dicksee, Frank.            | 1898 Lucas, John Seymour.     | 1885 Waterhouse, Alfred.    |
| 1887 Fildes, S. Luke.           | 1893 MacWhirter, John.        | 1895 Waterhouse, John Wm.   |
| 1895 Ford, Edward Onslow.       | 1877 Orchardson, Wm. Quilter. | 1870 Wells, Henry Tanworth. |
| 1893 Gilbert, Alfred M. V. O.   | 1881 Oules, Walter William.   | 1893 Woods, Henry.          |

*Honorary Retired Academicians:* 1853, William Powell Frith; 1857, Frederick R. Pickersgill; 1864, Thomas Faed; 1864, John Calcott Horsley; 1867, George F. Watts.

**ASSOCIATES.**

- |                           |                         |                          |
|---------------------------|-------------------------|--------------------------|
| Bodley, George Frederick. | Hemy, Charles N.        | Shannon, James J.        |
| Bramley, Frank.           | Hunter, Colin.          | Smythe, Lionel P.        |
| Brett, John.              | John, Wm. Goscombe.     | Solomon J. Solomon.      |
| Clausen, George.          | La Thangue, Henry H.    | Storey, George Adolphus. |
| Crowe, Eyre.              | Macheth, Robert Walker. | Swan, John MacAllan.     |
| East, Alfred.             | Morris, Philip Richard. | Waterlow, Ernest Albert. |
| Forbes, Stanhope A.       | Murray, David.          | Webb, Aston.             |
| Frampton, George James.   | North, John W.          | Wyllie, W. L.            |
| Hacker, Arthur.           | Parsons, Alfred.        |                          |

*Honorary Retired Associates:* Henry Le Jeune, Erskine Nicol, Frederic Stacpoole.

**PRESIDENTS OF THE ROYAL ACADEMY.**—1768, Sir Joshua Reynolds; 1792, Benjamin West; 1805, James Wyatt; 1806, Benjamin West; 1820, Sir Thomas Lawrence; 1830, Sir Martin A. Shee; 1850, Sir Charles Eastlake; 1866, Sir Edwin Landseer, elected, declined, Sir Francis Grant; 1878, Sir Frederic Leighton (Lord Leighton); 1896, Sir John Everett Millais, Bart.; 1896, Sir Edward John Poynter.

**NATIONAL SCULPTURE SOCIETY.**

The National Sculpture Society, with headquarters at New York, was incorporated in 1896. It is composed of lay and sculptor members, and has for its object the spreading of the knowledge of good sculpture, the fostering of the taste for ideal sculpture and its production, both for the household and museums; the promotion of the decoration of public and other buildings, squares, and parks with sculpture of a high class; the improvement of the quality of the sculptor's art as applied to industries, and the providing from time to time for exhibitions of sculpture and objects of industrial art in which sculpture enters. The officers are as follows:

*President*—John Q. A. Ward. *Vice-Presidents*—Charles De Kay and Charles Rollinson Lamb. *Treasurer*—I. Wyman Drummond. *Secretary*—Barr Ferree, No. 7 Warren Street, New York. *Council*—Class of 1902: Wm. T. Evans, Daniel C. French, James Brown Lord, C. Rollinson Lamb, F. Wellington Ruckstuhl, and Augustus St. Gaudens; Class of 1901: Herbert Adams, George B. Post, E. C. Potter, Charles De Kay, J. Q. A. Ward, and John De Witt Warner; Class of 1900: Samuel P. Avery, Karl Bitter, John J. Boyle, I. Wyman Drummond, Jonathan S. Hartley, and Barr Ferree.

**NATIONAL ARTS CLUB.**

THE National Arts Club was organized in the City of New York April 24, 1899. The President is George B. Post, President of the Fine Arts Federation, and recently President of the New York Chapter of the American Institute of Architects. Spencer Trask is Treasurer, and Charles De Kay Secretary and Managing Director pro tem. The club-house is at No. 37 West Thirty-fourth Street, New York, where there is a fireproof gallery for the exhibition of industrial and fine art. The main purpose of the National Arts Club is to show to manufacturers new ways of improving the objects they produce, and making the same more saleable in the markets of the world through addition of art, and further to open up to American artists new lines of endeavor by showing that art is not confined to the statue and the framed picture.

## The Paris Exposition of 1900.

THE information about the "Paris Universal International Exposition" given below has been compiled for THE WORLD ALMANAC especially for intending American exhibitors, and revised for the present edition. It may be accepted as being exact in all its details, inasmuch as it has been put together with the courteous aid of the French authorities in the office of M. A. Picard, Commissioner-General for the Exposition and by the Commissioner-General for the United States, 20 Avenue Rapp, Paris.

### INTENDING AMERICAN EXHIBITORS.

These should, in the first place, communicate direct with Mr. Ferdinand W. Peck, United States Commissioner for the Paris Exposition of 1900, Chicago, Ill., and not either to the French Minister of Commerce, the Commissioner-General of the Exposition, or the Paris office.

With this foreword of warning, which may save an immense amount of trouble to the intending exhibitor, the following is a brief survey of the mass of information, of general and special interest.

### SCOPE AND CHARACTER.

What the number of visitors to the Exposition will be it is, of course, as yet impossible to say; it is enough to remember that the number which visited the last Paris Exposition in 1889 was officially returned at over 32,000,000, and to suppose that in 1900, should nothing internationally disastrous, such as a great war, intervene, these figures will be largely—perhaps enormously—surpassed. Official estimates now used for all calculations place the number of visitors expected at between fifty to sixty millions. The American exhibits at the Exposition of 1889 were wholly unworthy of a great industrial people, but there is every promise that America will show, in the Exposition of 1900, by concrete examples in all branches of human industry, the moral and material progress she has made in the last half century.

### ORIGIN AND HISTORY.

Officially, the origin of the Paris Exposition of 1900 dates from the month of July, 1892. The first Paris Exposition was held in 1855; the next in 1867, and the third and fourth in 1878 and 1889, respectively. Shortly after the closing of the last Exposition the idea of a great centennial international exhibition, to be held in the last year of the nineteenth century, was mooted by the public, but it was not until July, 1892, that an official move was made in the form of a communication from M. Jules Roche, the then Minister of Commerce, to President Carnot.

On July 13, following, a decree was issued by President Carnot, announcing a "universal exposition of works of art, and of industrial and agricultural products." A date was fixed (May 5 to October 31, 1900, subsequently changed to April 15 to November 5, 1900), preliminary studies were made and a financial scheme devised, and for convenience of organization the administration was divided into seven sections. These are:

### THE ADMINISTRATION.

1. Secretariat-General, which deals with all matters of general business, employment, medical, police, fire service, the press, and complimentary admission. 2. Architecture, which deals with the erection of palaces and pavilions, control of metallic structures and of all devices erected by foreign nations, colonies, and industrial exhibitors. 3. Roads, streets, parks, gardens, water, and lighting. 4. Exploitation, which deals with French, foreign, and colonial sections, installations, the fine arts, agriculture, catalogues, and diplomas. 5. Finance. 6. Litigation. 7. Fêtes.

Generally speaking, the Exposition and the works preliminary to it are under the control of M. Millerand, Minister of Commerce and Industry, Posts, and Telegraphs, but the entire execution has been confided to the following administration:

Commissioner-General, M. Alfred Picard; Director-General of Exploitation, M. Delaunay-Belleville (President of the Paris Chamber of Commerce); Director of Architecture, M. Bouvard (Inspector-General of Architecture for the City of Paris); Director of Roads, Streets, Parks, etc., M. de France; Director of Finance, M. Grison; Director of Litigation, M. E. Moreau; Director of Fine Arts, M. Roujon; Director of Agriculture, M. Vassilière; Delegate for Colonies, M. Charles-Roux; General Secretary, M. Henri Chardon.

### COST OF THE EXPOSITION.

The French Government estimates the total cost at \$20,000,000 (100,000,000 francs), and accordingly a guarantee fund for that amount has been brought into existence.

Of this total sum of 100,000,000 francs the following allotments have been (approximately) made:

|   |                |                                     |               |
|---|----------------|-------------------------------------|---------------|
| The Grand and Little Palaces of the Fine Arts in the Champs-Élysées, on and about the site of the demolished Palais de l'Industrie..... | Fr. 21,000,000 | Bridges across the Seine.....       | Fr. 5,000,000 |
| Buildings in the Champs de Mars .....   | 18,000,000     | Mechanical and Electrical Service.. | 6,750,000     |
| Buildings on the Esplanade des Invalides .....  | 5,000,000      | Circular Railway.....               | 1,500,000     |
| Buildings on the Quais (including the proposed Street of Venice).....   | 1,500,000      | Illumination and Lighting.....      | 800,000       |
|   |                | Fountains and Gardens.....          | 1,200,000     |
|   |                | Fêtes.....                          | 5,500,000     |
|   |                | Music.....                          | 1,200,000     |
|   |                | The Jury.....                       | 1,000,000     |

The works, it is calculated, will absorb 73,000,000 francs; the exploitation (advertisement, installation, etc.), 12,000,000 francs, and the administration, 8,000,000 francs. The reserve is 7,000,000 francs.



## THE PARIS EXPOSITION OF 1900—Continued.

## EXPOSITION BONDS.

This money comes from three sources: The French Government (20,000,000 francs), the city of Paris (20,000,000 francs), and bonds (60,000,000 francs). Only the last named call for further remark, because, while the two sums first named are simple contributions, the Exposition bonds are not alone an ingenious financial device, but a source of periodical speculation and excitement to the people of France, and especially of Paris.

The bonds were issued by the State, in cooperation with five of the chief banks, which underwrote bonds to the amount of 62,400,000 francs, receiving a commission of 5 per cent on the sales, and depositing 60,000,000 francs in the Caisse des Dépôts, where it remains at 2½ per cent interest until 1900. No interest is payable to the general public, who hold the bonds, having bought them at 20 francs each, but each bond entitles the holder to twenty tickets for the Exposition, and the holder, moreover, participates in twenty-nine drawings, comprising 4,313 prizes, ranging from 100 francs to 500,000 francs in value. If the Exposition, from any cause, should not take place, the State will redeem the bonds at par.

## GENERAL REGULATIONS.

The General Regulations were issued on August 7, 1894, and may be obtained on application to the Special Commissioners of the various countries, but for present use we give a *résumé* of those regulations which most concern intending American exhibitors. It will be of interest to say here that the United States has obtained more space at the forthcoming Exposition than it had in either the Exposition of 1873 or of 1889, while the State grant, too, is likely to be largely in excess of the grants in those years.

The space finally allotted to the United States in the Paris Exposition of 1900 is 200,000 square feet, as compared with 91,000 square feet in 1873, and 113,300 square feet in 1889; and of this 200,000 feet more than 150,000 square feet have been allotted or assigned. The State grant by the United States in 1873 was \$190,000; and in 1889, \$250,000. In 1900 it is \$1,210,000. The following includes the principal regulations which concern intending American exhibitors:

1. All nations participate on equal terms.
2. Foreign exhibitors must correspond with the Commissioners of their respective countries, and cannot communicate directly with the Administration of the Exhibition, but this regulation does not apply to the proposed retrospective centennial exposition reviewing the progress achieved since 1800 in the various branches of production.
3. All machinery, so far as possible, must be operated on the grounds in full view of the public.
4. All works of art must be deposited at the Fine Arts Building between February 15 and 20, 1900, under arrangements to be prescribed by the Commissioner-General; all expenses to be at the charge of the exhibitor, except in case of the retrospective centennial exposition (of collections, etc.), which may be borne by the administration. All expenses of installation, however, will be borne by the administration of Beaux Arts.
5. All industrial and agricultural products are admissible except those of an explosive, highly spirituous, or offensive character, unless they are inclosed in solid vessels of small dimensions. Applicants requiring gas or steam should state in their applications the quantity needed and all other desired information. The admission of foreign products will be authorized by the Commissioner-General upon the propositions of the Commissioners of the various countries, and certificates of admission will be delivered.
6. No charge will be made to exhibitors for space, water, gas, steam, or other motive power, but "connections" must be supplied by the exhibitor.
7. Generally speaking, all expenses of packing, re-packing, installation, storage, and so on must be borne by the exhibitor.
8. Plans for special constructions must be submitted to and approved by the administration (sent through the Special Commissioner).
9. Exhibitors are invited to mark exhibits with the market price, but this is not compulsory.
10. The exhibits will be admitted to the country duty free, as the Exposition is constituted, for the time being, a bonded warehouse. Duty, however, will be levied on articles manufactured on the spot.
11. The taking of general photographs is not forbidden, but no exhibit can be photographed or copied without special permission *visé*d by the administration.

## CLASSIFICATION OF EXHIBITS.

The exhibits will be divided into eighteen groups, as follows: (1) Education and instruction. (2) Works of art. (3) Instruments and general methods of letters, sciences, and arts. (4) Machinery and processes of mechanism. (5) Electricity. (6) Civil engineering, transportation. (7) Agriculture. (8) Horticulture. (9) Forestry, hunting, fishing, crop-gathering. (10) Alimentation. (11) Mines, metallurgy. (12) Decoration and furniture of public buildings and dwellings. (13) Cotton fabrics, textures, clothing. (14) Chemical industry. (15) Various industries. (16) Social economy, hygiene, public assistance. (17) Colonization. (18) Territorial and naval armies.

## THE JURY.

The jury will be, as in 1889, international, sub-divided into juries of class, juries of groups, and superior jury. Foreign jurors will be named by the Commissioners of the respective countries. The Foreign Commissioners will be *ex officio* members of the superior jury. The superior jury will finally revise the list of awards, and the distribution of diplomas will take place about the beginning of September, 1900.

## AWARDS.

Only diplomas will be granted, thus classified; Grand prize diplomas, gold medal diplomas, silver medal diplomas, bronze medal diplomas, and diplomas of honorable mention.

## MAIN FEATURES.

The grand entrance to the Exposition of 1900 will be off the Place de la Concorde, close to

## THE PARIS EXPOSITION OF 1900—Continued.

the Seine, but there will be a multitude of other entrances in the Champs-Elysées, the Champs de Mars, and the Esplanade des Invalides. The Exposition authorities themselves do not know what will be the most popular and striking feature of the Exposition, but it will doubtless prove to be one of the following, all of them novel and attractive: 1. The Streets of Old and New Paris, running along the embankment from the Place de la Concorde to the Pont de l'Alma and on the Champs de Mars. This will illustrate the art and wit of France, and will contain palaces of dancing, song, and all that is refined in the curiosities of Paris. The directors of the Opéra and another leading Paris theatre are engaged upon its elaboration. 2. M. Deloncle's telescope, bringing the moon's surface apparently within 40 kilometres (25 miles) of the spectator. 3. An Alpine Exhibition (by the French Alpine Club). 4. A city of gold, near the Trocadéro, showing every detail of gold production, with Californian miners and models of the mines. 5. A History of Costume. 6. A gigantic Turning Palace, or Revolving Tower, 100 yards high and lighted throughout by electricity. 7. The Grand and Little Palaces of the Fine Arts of all nations. 8. The Pavilion of the Press, and those of the special commissioners which will be scattered over the area. From here will probably be issued a daily trilingual news sheet. 9. An enormous Terrestrial Globe by the famous French geographer, M. Réclus, placed, owing to its size, outside the Exposition proper. 10. Palace of the Army and Navy and a Palace of Food, or Alimentation. 11. A Submarine Grotto. Besides the above, a piece of land along the Seine, to the left as one stands with one's back to the Eiffel Tower (which will be painted silver-gray), and facing the Trocadéro, will be the scene of many colonial villages within Exposition bounds. In addition to these there will almost certainly be a switchback; a colossal vat; an enormous bell; imitation of the Blue Grotto of Capri, of the fountain of Vaucluse; captive balloons; a cyclorama of the war of secession in America, and other devices to interest, charm, or amuse.

## THE EXTENT.

It is calculated that the Exposition of 1900 will cover 12 per cent more space than was occupied by the Exhibition of 1889. The ground will not be partitioned off by nationalities, but by sections, each section being devoted to a particular industry or art, and the processes of each art and industry being, so far as is possible, displayed in operation.

The site occupied includes the public grounds on both sides of the Seine, from the Place de la Concorde to the Pont de l'Alma, this area including the Champs de Mars, the Trocadéro, the Esplanade des Invalides, the Quai d'Orsay, the Quai de la Conférence, the Cours la Reine, and the part of the Champs-Elysées where until recently stood the Palais de l'Industrie, a landmark of the Exhibition of 1855.

## THE UNITED STATES BUILDING.

The United States building, which stands on the Quai d'Orsay on the Seine, amid the other buildings of the nations, is being erected according to the plans of Mr. Charles A. Coolidge, of New York, and M. Morin-Goustiaux, the French architect. It has a frontage of 85 feet and a depth of 90 feet, and the top of the dome will be 160 feet from the ground. One of the main features is a classic porch which opens on the Seine. Two hundred thousand dollars are being expended on United States buildings.

Exhibits other than works of art must be received at the Exposition between December 1, 1899, and February 28, 1900.

There are three offices that have been established by Commissioner-General Peck, at which information as to exhibits and copies of all rules can be had. These are in the Equitable building, New York; the Auditorium building, Chicago, and the Embassy of the United States, Paris.

**Other International and National Expositions.**

**1901. Pan-American Exposition at Buffalo, N. Y.**—Particulars appear on a following page.

**1901. Glasgow International Exhibition**—This will be held in Glasgow, Scotland, in the Summer of 1901. It will open May 1, and close October 31. It will be held on the site of the exhibition of 1888, and it is intended to present an illustration of the produce and manufactures of the British Empire and colonies, with adequate representation from other countries. The exhibition will be divided into sections, among which the following will receive attention: Fine art, history and archaeology, locomotion and transport, electricity, labor-saving machinery, marine engineering, and sports. The River Kelvin will be available for the exhibition of naval shipbuilding and life-saving apparatus. The charge for space within the building will be 3s. (73 cents) per square foot, with a minimum charge of £5 (\$24.30). Payment to the extent of 25 per cent must accompany the application.

**1901. Detroit Bi-Centenary**—It is proposed to celebrate the bi-centenary of the settlement of that city by an international exposition in 1901.

**1902. Ohio Centennial and Northwest Territory Exposition at Toledo, O.**—On April 26, 1898, a bill was passed by the General Assembly of Ohio creating the Ohio Centennial and Northwest Territory Exposition "for the purpose of conducting and holding a public exposition in 1902, designed for the education, edification, and entertainment of the public, to show the great progress made along financial, industrial, commercial, and educational lines." To further advance the interest of the exposition the bill was followed by an act creating a commission of twenty-one members, one from each Congressional district; a local commission of nine members, and a centennial company of fifteen members, with a sum of \$150,000 toward preparing the grounds for the exposition. Toledo was selected as the location for the great exposition, and Bay View Park was accepted by the State as the site. This park contains 225 acres, a greater portion of it extending out into Lake Erie, where during the Summer months a fresh breeze is generally sweeping over the land. It has a frontage on Lake Erie of over a mile. The United States Congress passed a bill March 3, 1899, appropriating

## OTHER INTERNATIONAL AND NATIONAL EXPOSITIONS—Continued.

\$500,000 for the purpose of "encouraging the holding of the Ohio Centennial and Northwest Territory Exposition at the city of Toledo, in the year 1902, for the exhibition of the resources of the United States, Hawaii, Cuba, Porto Rico, and the Philippines, and the progress of American countries; and for the display of the arts, industries, manufactures, and products of the soil, mine, and sea." It was also declared that such an exposition should be international in character. The Ohio Centennial Company is organized and working and has a capital stock of \$500,000. The cost of preparing the park will exceed \$300,000. Many of the States have passed bills appropriating from \$50,000 to \$100,000, and nearly half a hundred societies of the territory interested have signified their intention of erecting suitable buildings for their use, some appropriating from \$5,000 to \$40,000 for such purpose.

**1903. The St. Louis Exposition** to commemorate the purchase of the Louisiana Territory in 1803, will be held in that city in the Summer of 1903. It is intended to raise \$15,000,000 for the purpose, of which the citizens of St. Louis will raise a third, the city of St. Louis will be bonded for a second third, and the last third is expected to be loaned by the United States. The river front near Jefferson Barracks is favored for the site. Ex-Governor David R. Francis heads a committee of 200 to further the details of the movement.

## The Pan-American Exposition of 1901.

AN exposition of the industries of the countries of the American continents, North and South, will be held at Buffalo, N. Y., near the Niagara frontier, in the Summer of 1901.

The following statement has been prepared by the Publicity Department of the Exposition for THE WORLD ALMANAC:

Although the exposition will cover but 50 per cent of the ground space occupied by the World's Columbian Exposition at Chicago in 1893, the Pan-American will, in many particulars, exceed the great Chicago Fair, and particularly in the magnificence of the electrical, aquatic, and horticultural displays.

It will not be as big, but it will be far more beautiful. Where at Chicago the acme of severely classical architecture was reached, the style adopted by the Advisory Board of Architects of the coming exposition is a sort of an American renaissance—if the term be allowed. It will be in the warmer Southern style, and the buildings will be masses of color where the buildings at Chicago were of a dazzling white. Here the domes and minarets of the structures will be colored, and from a distance the red, green, and golden pinnacles of the buildings and the acres of flowers will look like a mass of flower beds.

As first planned in 1897, the fair was to be held at Cayuga Island, near Niagara Falls, in the year 1899, and the fifty acres embraced by the island was thought to be ample ground. The preliminary work was done along those lines, and the Federal Government and the Government of the Empire State were approached and interested, and nearly \$1,000,000 was pledged. Then the Spanish-American War intervened, and it was deemed best to allow the project to slumber. When it was revived it was on broader lines. It had been a semi-private enterprise, but when new life was injected into it the men and women of the entire Niagara frontier were invited to come in and help the matter along. There was a veritable rush, and at one dinner tendered to Mayor Diehl, of Buffalo, \$500,000 was raised in three hours, and the million dollar mark of capital stock was passed in five days. Then the capital stock was increased to \$2,500,000, and the company was empowered to float bonds in a similar amount, thus placing \$5,000,000 at the disposal of the management, and the Federal Government soon followed with an appropriation of \$500,000, while the Empire State set aside \$300,000.

With that great sum on hand, and with possibilities of large appropriations from the Dominion of Canada, Mexico, the Central and South American Republics, and the various States of the Union for special buildings, all thoughts of Cayuga Island were set aside, and a site embracing 335 acres, and consisting of land north of and adjacent to the Delaware Park, at Buffalo, was selected.

The work is now being pushed as rapidly as skill and money can do it. The preliminaries are disposed of. The organization was completed with the advent of Director-General William I. Buchanan, who arrived in Buffalo on the first day of November, 1899, and immediately took the reins of government. Before Mr. Buchanan's arrival the work had been forwarded by a Committee on Organization, composed of President John G. Milburn and Chairmen Scatcherd, of the Executive Committee; Bleistein, of the Publicity Department; Baird, of the Exhibits Committee; Pierce, of the Concessions Committee; W. Caryl Ely, of the Transportation Committee; Hotchkiss, of the Printing and Supplies Committee; Adams, of the State and Foreign Relations Committee, and Treasurer George L. Williams, Commissioner-General John B. Weber, and Secretary Edwin Fleming, who carried on the bulk of the business until the appointment of Newcomb Carlton, the Director of Works, who, with Directors George K. Birge and Carleton Sprague, of the Buildings and Ground Committee, accomplished large results.

From purposes to plans is but a short step, and it is not now amiss to tell what the management of the great fair expects to do. In the first place, it plans to show to the visitors the grandest display of electricity that the world has ever seen. As Buffalo intends in 1901 to prove her claim to the title of "The Electric City," which some have given her, it is but fitting that electricity should be the dominant feature of the coming exhibition, for the Cataract of Niagara is within a few miles, and the countless millions of horse-power of that great waterfall will be harnessed to produce the energy which will move the wheels, and turn the levers, and illuminate the buildings within the exposition gates. The electric fountains will be colored red, and green, and gold by thousands of electric bulbs, which will be skilfully made to furnish effects never before seen. All about the exposition grounds a grand canal will twist and twine, and at numerous points along that waterway there will be caverns and grottoes more beautiful than the famed ones of Capri, and in them will be the most charming electrical effects. Water cascades will flash lights in never ending beauty, and towers, domes, and pinnacles will be masses of radiance.

The facilities afforded by the location of the exposition are unusual. Buffalo is an ideal Summer city, and is the very hub of the most thickly settled section of the North American Continent. As gateway between the Prairie States of the West and the Atlantic seaboard, a vast flood of travel comes to her gates, and within the confines of a five hundred mile circle no less than 40,000,000 people live. A similar circle drawn about the city of Chicago would show a population of about 22,000,000, and statisticians claimed that over 60 per cent of the attendance at the World's Columbian Exposition came from within that 500 mile belt. The attendance at the World's Fair was something over 27,000,000. That being so, a much greater number of people may be expected to visit the Pan-American Exposition of 1901.

## THE PAN-AMERICAN EXPOSITION OF 1901—Continued.

The Governor of New York, at the last session of the Legislature of that State, nominated the following Board of Managers of the New York exhibit at the exposition, and they were confirmed by the Senate: Daniel T. Lockwood, of Buffalo, President of the Board; Jacob Amos, of Syracuse; Gaius C. Bolin, of Poughkeepsie; Nicholas V. V. Franchot, of Olean; William H. Geisbelen, of New York; Frederick Greiner, of Buffalo; John T. Mott, of Oswego; Leopold Stern, of New York, and George E. Vost, of Theresa.

The Chairman of the Committee on Publicity is George Bleistein, and the office of the committee is at 222 Ellicott Square, Buffalo.

## The American Lafayette Memorial in Paris.

ON March 30, 1899, the Congress of the United States appropriated 50,000 silver dollars in behalf of a monument to be erected in Paris by the school children of America in honor of Lafayette. The creation of the monument has been intrusted to Paul Weyland Bartlett, sculptor, of New York, who will be aided by Thomas Hastings, architect. The statue will be of equestrian style, and possibly will be the largest of the kind ever erected. Lafayette is seated facing the west, extending his sword in offering to Liberty. Its cost will be \$150,000, which has all been paid in, the popular collection inaugurated by the secretary of the commission having proved an immense success, far surpassing in number of contributors, viz., 4,000,000, all previous records of public collections. The site of the monument, given by the French Government, is in the very heart of Paris, and within the beautiful garden of the Tuileries, the exact spot being Lafayette Square, so named especially for the statue, and adjacent to the Gambetta monument. The unveiling and dedication exercises will take place in Paris on July 4, 1900, United States day at the Exposition. Robert J. Thompson, who originated this movement, is the Secretary of the Memorial Committee, and his office is at the Auditorium building, Chicago. The Honorary President is Ferdinand W. Peck, the United States Commissioner for the Paris Exposition.

## John Marshall Day.

THE American Bar Association at its annual meeting in 1899 appointed a committee to devise a plan for observing February 4, 1901, in honor of the illustrious Chief Justice John Marshall. This date is the one-hundredth anniversary of the appointment of Marshall to the head of the judiciary of the United States.

## The Production of Books.

AMERICAN AND IMPORTED PUBLICATIONS IN 1895, 1896, 1897, AND 1898, RECORDED BY "THE PUBLISHERS' WEEKLY," NOT INCLUDING GOVERNMENT WORKS AND THE PRODUCTIONS OF THE MINOR CHEAP LIBRARIES.

| DIVISIONS.                       | 1895.         | 1896. | 1897. | 1898. | DIVISIONS.                      | 1895. | 1896.                      | 1897. | 1898. |
|----------------------------------|---------------|-------|-------|-------|---------------------------------|-------|----------------------------|-------|-------|
|                                  | Fiction ..... | 1,114 | 1,114 | 869   |                                 | 905   | Biography and Memoirs..... | 180   | 209   |
| Law .....                        | 531           | 553   | 509   | 456   | Fine Arts and Illus. Books..... | 140   | 177                        | 139   | 163   |
| Juvenile Books .....             | 375           | 319   | 329   | 373   | Physical and Math. Science...   | 532   | 162                        | 188   | 174   |
| Literary, History, and Miscel.   | 463           | 672   | 415   | 332   | Useful Arts.....                | 111   | 139                        | 110   | 112   |
| Theology and Religion.....       | 506           | 460   | 492   | 446   | Sports and Amusements.....      | 38    | 72                         | 42    | 42    |
| Education and Language.....      | 483           | 469   | 431   | 377   | Domestic and Rural.....         | 52    | 61                         | 57    | 43    |
| Poetry and the Drama.....        | 309           | 361   | 247   | 303   | Humor and Satire.....           | 32    | 25                         | 22    | 20    |
| History.....                     | 193           | 375   | 258   | 282   | Mental and Moral Philosophy.    | 61    | 49                         | 76    | 51    |
| Medical Science and Hygiene.     | 162           | 167   | 153   | 188   | Total .....                     | 5,469 | 5,703                      | 4,923 | 4,886 |
| Social and Political Science.... | 335           | 289   | 196   | 257   |                                 |       |                            |       |       |
| Description and Travel.....      | 151           | 190   | 169   | 167   |                                 |       |                            |       |       |

Of the production of 1898 there were 2,908 books by American authors, and 834 American reprints of foreign authors.

## BRITISH PUBLICATIONS FROM 1894 TO 1898 INCLUSIVE.

| DIVISIONS.                                 | 1894.      |          | 1895.      |          | 1896.      |          | 1897.      |          | 1898.      |          |
|--|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|
|  | New Books. | New Eds. | New Books. | New Eds. | New Books. | New Eds. | New Books. | New Eds. | New Books. | New Eds. |
| Theology, Sermons, Biblical, etc.....      | 476        | 80       | 501        | 69       | 503        | 100      | 594        | 109      | 535        | 153      |
| Educational, Classical, and Philological.. | 615        | 127      | 660        | 111      | 529        | 114      | 692        | 236      | 732        | 189      |
| Juvenile Works and Tales.....              | 269        | 29       |            |          |            |          |            |          |            |          |
| Novels, Tales, and other Fiction.....      | 1,315      | 337      | 1,544      | 347      | 1,654      | 525      | 1,960      | 717      | 1,758      | 644      |
| Law, Jurisprudence, etc.....               | 126        | 23       | 57         | 33       | 132        | 50       | 93         | 47       | 117        | 46       |
| Political and Social Economy, Commerce.    | 141        | 21       | 163        | 23       | 247        | 99       | 531        | 110      | 437        | 97       |
| Art, Science, and Illustrated Works.....   | 98         | 30       | 96         | 16       | 315        | 65       | 288        | 30       | 263        | 32       |
| Voyages, Travels, Geographica Research     | 282        | 68       | 263        | 75       | 191        | 32       | 173        | 45       | 133        | 39       |
| History, Biography, etc.....               | 256        | 58       | 353        | 68       | 580        | 137      | 604        | 141      | 618        | 125      |
| Poetry and the Drama.....                  | 160        | 21       | 231        | 16       | 284        | 123      | 298        | 129      | 290        | 81       |
| Year-Books and Serials in Volumes.....     | 328        | 2        | 311        | ..       | 313        | ..       | 422        | ..       | 347        | ..       |
| Medicine, Surgery, etc.....                | 97         | 59       | 153        | 53       | 117        | 45       | 152        | 59       | 160        | 36       |
| Belles-Lettres, Essays, Monographs, etc.   | 370        | 115      | 400        | 42       | 130        | 23       | 227        | 45       | 182        | 36       |
| Miscellaneous, including Pamphlets.....    | 767        | 215      | 749        | 182      | 289        | 26       | 210        | 8        | 436        | 30       |
| Total.....                                 | 5,300      | 1,185    | 5,581      | 935      | 5,284      | 1,339    | 6,244      | 1,682    | 6,008      | 1,508    |
|  |            | 5,300    |            | 5,581    |            | 5,284    |            | 6,244    |            | 6,308    |
|  |            | 6,485    |            | 6,516    |            | 6,573    |            | 7,926    |            | 7,516    |

In Germany in 1898 there were 23,739 productions, of which 3,633 covered education and juvenile literature, 3,061 fiction and plays, 2,144 theology, 2,078 legal and political science, 1,572 medical science, 1,409 commerce, 1,406 language, 1,296 geography, 1,275 natural sciences and mathematics, and 1,054 history.

## American Learned Societies.

**Actuarial Society of America.**—President, Thomas B. Macaulay; First Vice-President, Oscar B. Ireland, Springfield, Mass.; Second Vice-President, Israel C. Pierson, New York City; Secretary, John Tatlock, Jr., New York City; Treasurer, John B. Lunger, New York City. The Actuarial Society of America was organized in 1889 for the purpose of promoting actuarial science, and is composed of the actuaries of life insurance companies and consulting actuaries. The membership embraces actuaries of Europe, Australasia, and Canada, as well as of the United States. Admission fee, \$10; annual dues, \$10. Number of members, 112.

**American Academy of Medicine.**—President, G. Hudson Makuen, Philadelphia; Secretary and Treasurer, Charles McIntire, Easton, Pa. Next annual meeting, Atlantic City, N. J., June 2-4, 1900. Object—To associate physicians who are also alumni of academic (or scientific) colleges; to encourage intending physicians to pursue a regular course of study leading to a bachelor degree before entering upon the study of medicine; to investigate and discuss the various problems of "medical sociology." Entrance fee, \$5; dues, \$1 per annum. Present membership, 794.

**American Academy of Political and Social Science.**—President, Edmund J. James, Ph. D., University of Chicago; Corresponding Secretary, L. S. Rowe, Ph. D., University of Pennsylvania; General Secretary, John Q. Adams, Ph. D.; Clerk, N. Jones, Station B, Philadelphia. Founded in 1889 to promote the political and social sciences. Membership, 2,000, distributed among every State and 34 foreign countries. Annual fee, \$5; fee for life members, \$100. Annual meeting held in April.

**American Antiquarian Society.**—President, Stephen Salisbury, Worcester, Mass.; Corresponding Secretaries—Foreign, Franklin B. Dexter, New Haven, Ct.; Domestic, Charles F. Adams, Lincoln, Mass.; Recording Secretary, Charles A. Chase. Annual meeting is held at Worcester, Mass., in October. Domestic membership restricted to 140. Admission fee of United States members, \$5; annual dues of New England members, \$5.

**American Asiatic Association.**—President, Everett Frazer; Vice-President, Samuel D. Brewster; Secretary, John Ford, P. O. box 1500, New York. The purposes of the society are to foster and safeguard the trade and commercial interests of the citizens of the United States and others associated therewith in the Empires of China, Japan, Korea, the Philippines, and elsewhere in Asia and Oceania. Organized 1898. Annual dues, \$10.

**American Association for the Advancement of Science.**—President, R. S. Woodward, New York City; Permanent Secretary, L. O. Howard, Washington, D. C.; General Secretary, Charles Baskerville, Chapel Hill, N. C.; Secretary of the Council, William Hallock, New York City; Treasurer, R. S. Woodward, New York. The Association was chartered in 1874, being a continuation of the American Association of Geologists and Naturalists, organized in 1840. The membership is 1,695. Admission fee, \$5; annual dues, \$3. Next annual meeting, June 25, 1900, in New York City.

**American Bar Association.**—President, Charles F. Manderson, Omaha, Neb.; Secretary, John Hinkley, 215 North Charles Street, Baltimore, Md.; Treasurer, Francis Rawle, Philadelphia, Pa. Each State is represented by one Vice-President. Membership, about 1,600. This Association of leading lawyers of the United States was organized in 1878.

**American Chemical Society.**—President, Edward W. Morley, Adelbert College, Cleveland, Ohio; Secretary, Albert C. Hale, 551 Putnam Avenue, Brooklyn, N. Y. The Society was organized in 1876 for "the advancement of chemistry and the promotion of chemical research." Publishes a monthly journal. Annual dues, \$5. Total membership, November 14, 1899, 1,555.

**American Dialect Society.**—President, Lewis F. Mott, New York City; Secretary, O. F. Emerson, Western Reserve University, Cleveland, Ohio. Organized in 1889 for "the investigation of the spoken English of the United States and Canada, and incidentally of other non-aboriginal dialects in the same countries." Publishes "Dialect Notes" at irregular intervals. Annual fee, \$1. Membership, about 300. Any person or institution may become a member.

**American Economic Association.**—President, Arthur T. Hadley, LL. D., Yale; Secretary, Walter F. Wilcox, Ph. D., Cornell University, Ithaca, N. Y. The objects of the Association are the study of economic sciences and the publication of papers thereon.

**American Entomological Society.**—President, Rev. H. C. McCook, D. D.; Secretary, Henry Skinner, M. D., Philadelphia, Pa. Organized 1859; incorporated 1862. Object—The study of entomology. Membership, 131.

**American Fisheries Society.**—President, John W. Titcomb, St. Johnsbury, Vt.; Recording Secretary, Seymour Bower, Detroit; Corresponding Secretary, J. E. Gunckel, Toledo, Ohio. Organized December, 1870. Annual dues, \$1. Membership, 235. Next annual meeting at Wood's Holl, Mass., second week in July, 1900.

**American Folklore Society.**—President, Charles L. Edwards, University of Cincinnati, Cincinnati, Ohio; Permanent Secretary, W. W. Newell, Cambridge, Mass. Organized in 1888 for "the study of folklore in general, and in particular the collection and publication of the folklore of North America." Membership fee, including a copy of "The Journal of American Folklore" (quarterly), \$3 per annum.

**American Geographical Society.**—President, vacant; Vice-Presidents, W. H. H. Moore, General Egbert L. Viele, C. C. Tiffany, D. D.; Corresponding Secretaries—Foreign, William Libbey, Jr.; Domestic, Chandler Robbins; Recording Secretary, Anton A. Raven. Offices of the Society, 11 West Twenty-ninth Street, New York City. The objects of the Society are to encourage geographical exploration and discovery; to investigate and disseminate new geographical information; to establish in the chief maritime city of the country, for the benefit of commerce and navigation, a place where the means will be afforded of obtaining accurate information for public use of every part of the globe. Organized in 1852; membership, 1,200. Annual dues, \$10; no entrance fee.

**American Historical Association.**—President, James Ford Rhodes, LL. D.; Secretary, Herbert B. Adams, Ph. D., LL. D., Johns Hopkins University, Baltimore, Md.; Treasurer, Clarence W. Bowen, Ph. D. Association founded 1884, incorporated by Congress 1889. Object—The promotion of historical studies. Entrance fee, \$3; annual dues, \$3. Membership, 1,350, including 110 life members.

**American Institute of Architects.**—President, Robert S. Peabody, Boston, Mass.; Treasurer and Secretary, Glenn Brown, Washington, D. C. The Institute has 26 chapters, 416 fellows, 64 associate members, and 54 honorary members. The initiation fee is \$5; yearly dues of fellows, \$10; of associates, \$5. Established in 1857.

**American Institute of Electrical Engineers.**—President, Arthur E. Kennelly, Philadelphia, Pa.; Secretary, Ralph W. Pope, at the executive offices, library, and reading-room, 26 Cortlandt Street, New York City. Entrance fee, \$5; annual dues, \$10. Monthly meetings at 12 West Thirty-first Street, New York. Prints its transactions monthly. Membership, 1,136.

## AMERICAN LEARNED SOCIETIES—Continued.

**American Institute of Homœopathy.**—President, Ch. E. Walton, M. D., Lincoln, Neb.; General Secretary, Eugene H. Porter, M. D., 181 West Seventy-third Street, New York City. Organized in 1844, and is the oldest medical organization in the United States. Has 2,000 members, representing every State in the Union, besides Canada. Will meet at Cincinnati, Ohio, June, 1900.

**American Institute of Mining Engineers.**—President, James Douglas, New York City; Secretary, R. W. Raymond, 99 John Street, New York City; Treasurer, Theodore D. Rand, Philadelphia. Membership, 2,614. Organized, 1871. Annual dues, \$10.

**American Mathematical Society.**—President, R. S. Woodward; Secretary, F. N. Cole, Columbia University, New York; Treasurer, W. S. Dennett; Librarian, Pomeroy Ladue. Meetings held at Columbia University, New York. Society was reorganized as the American Mathematical Society, July, 1894. Object—To encourage and maintain an active interest in and to promote the advancement of mathematical science. Admission fee, \$5; annual dues, \$5; life membership, \$50. Membership, 330. The Society publishes two journals, the *Bulletin* and the *Transactions*.

**American Medical Association.**—President, W. W. Keen, Philadelphia; Secretary-Editor, George H. Simmons, 61 Market Street, Chicago, Ill. Next annual meeting, Atlantic City, N. J., June 5, 1900. Annual fee, \$5, entitles to a copy of weekly journal. Membership, over 8,000.

**American Microscopical Society.**—President, A. M. Bleile, Columbus, Ohio; Secretary, Henry B. Ward, Lincoln, Neb.; Treasurer, J. C. Smith, New Orleans, La. Incorporated at Washington, D. C., August, 1891. Object—The encouragement of microscopical research.

**American Numismatic and Archæological Society,** 17 West Forty-third Street, New York.—President, Andrew C. Zabriskie; Recording Secretary, Bauman L. Belden; Corresponding Secretary, George F. Kunz, New York City. Society founded in 1858 for the promotion of numismatics and archæology in the United States, possesses coin and medal collection. Total membership, 250. Annual meeting held in New York City in March.

**American Oriental Society.**—President, D. C. Gilman, LL. D., Johns Hopkins University; Corresponding Secretary, E. W. Hopkins, Yale University, New Haven, Ct.; Recording Secretary, George F. Moore. Organized September 7, 1842, for the cultivation of learning in the Asiatic, African, and Polynesian languages, and the publication of works relating to these languages. Annual fee, \$5; no admission fee. Membership, 350.

**American Ornithologists' Union.**—President, Robert Ridgway; Secretary, John H. Sage, Portland, Ct. Organized 1883. Object—The advancement of its members in ornithological science, the publication of a journal of ornithology and other works relating to that science, etc. Annual dues, active members, \$5; associate, \$3. Membership, 824.

**American Philological Association.**—President, Abby Leach, of Vassar; Vice-Presidents, S. B. Platner, of Adelbert, and Andrew F. West, of Princeton; Secretary and Treasurer, Herbert Weir Smyth, of Bryn Mawr. Initiation fee, \$5; annual dues, \$3. Has about 485 members.

**American Philosophical Society.**—President, Frederick Fraley, Philadelphia; Secretaries, I. Minis Hays, Frederick Prime, Samuel P. Sadtler, R. A. Cleemann. Office of Society, 104 South Fifth Street, Philadelphia, Pa. Object—For promoting useful knowledge. Founded in 1743. Has 200 resident and 300 non-resident and foreign members.

**American Psychological Association.**—President, Prof. John Dewey; Secretary and Treasurer, Dr. Livingston Farrand, Columbia University. Organized in 1892 for "the advancement of psychology as a science." Membership, 110. Annual dues, \$3; no entrance fee.

**American Social Science Association.**—President, S. E. Baldwin, LL. D., New Haven, Ct.; Treasurer, W. C. Le Gendre, 59 Wall Street, New York City; General Secretary, Rev. F. Stanley Root, New York City. Annual fee, \$5. The Association was founded in 1865.

**American Society of Civil Engineers.**—President, Desmond FitzGerald; Secretary, Charles Warren Hunt; Treasurer, John Thomson. Regular meetings first and third Wednesdays of each month (except July and August) at 8.30 P. M. at the Society's house, 220 West Fifty-seventh street, New York City. Has 2,200 members. Instituted in 1852.

**American Society of Mechanical Engineers.**—President, Geo. W. Melville, Washington, D. C.; Secretary, Prof. F. R. Hutton, 12 West Thirty-first Street, New York City. Society House, 12 West Thirty-first Street, New York City. Total membership, all grades, 1,950. Two annual meetings, in Spring and Autumn, the latter in New York City in December. Initiation fee, members and associates, \$25; juniors, \$15. Annual dues, members and associates, \$15; juniors, \$10. The Society was chartered in 1881. Membership is not limited in numbers.

**American Society of Naturalists.**—President, W. G. Farlow, Harvard; Vice-Presidents, H. C. Bumpus, Brown; W. H. Howell, Johns Hopkins; F. H. Gerrish, Bowdoin; Secretary, T. H. Morgan, Bryn Mawr; Treasurer, John B. Smith, Rutgers College. Annual dues, \$2.

**American Statistical Association.**—President, Carroll D. Wright; Vice-Presidents, Richmond Mayo-Smith, A. M.; Horace G. Wadlin, Henry C. Adams, Ph. D.; John W. Dean, A. M.; Henry Gannett; Corresponding Secretary, Worthington C. Ford, Public Library, Boston, Mass.; Treasurer, John S. Clark. Membership, 556. Annual dues, \$2. Association organized, 1839.

**Archæological Institute of America.**—President, E. D. Perry, Columbia University; Secretary, Dr. Nelson McCrea, Columbia University.

**Biographical Society of America.**—President, Johnston L. de Peyster, New York City; Treasurer, Augustin H. Goelet; Recorder, Samuel Marsh. The objects of the Society are the encouragement of biographical research and the publication of authentic biographies of contemporaneous, prominent Americans.

**Geological Society of America.**—President, B. K. Emerson, Amherst College; Secretary, H. L. Fairchild, University of Rochester; Treasurer, I. C. White; Editor, J. Stanley-Brown. Society founded in 1888. Has 238 fellows. Entrance fee, \$10; annual dues, \$10. Publishes "*Bulletin of the Geological Society of America*."

**National Academy of Sciences.**—President, Wolcott Gibbs, Newport, R. I.; Vice-President, Asaph Hall, Cambridge, Mass.; Foreign Secretary, Alexander Agassiz, Cambridge, Mass.; Home Secretary, Ira Remsen, Baltimore, Md.; Treasurer, Charles D. Walcott, Washington, D. C. The Academy, incorporated by act of Congress March 3, 1863, "shall, whenever called upon by any department of the Government, investigate, examine, experiment, and report upon any subject of science or art; the actual expense \* \* \* to be paid from appropriations which may be made for the purpose." There are at present 87 members, 1 honorary member, and 21 foreign associates.

AMERICAN LEARNED SOCIETIES—Continued.

**National Dental Association.**—President, B. Holly Smith, Baltimore, Md.; Recording Secretary, George H. Cushing, Los Angeles, Cal.; Corresponding Secretary, Emma Eames Chase, St. Louis, Mo. Object—To cultivate the science and art of dentistry and all its collateral branches. Annual dues, \$5. The Association will meet at Old Point Comfort, Va., June 26, 1900.

**National Geographic Society.**—President, Alexander Graham Bell; Recording Secretary, J. Stanley Brown; Corresponding Secretary, Willis L Moore; Foreign Secretary, Eliza R. Scidmore; Treasurer, Henry Gannett. Headquarters at Washington, D. C. Its purpose is "the increase and diffusion of geographic knowledge." It publishes a monthly magazine. Annual dues for active members, \$5; corresponding members, \$2. There are 1,300 resident and 1,500 non-resident members.

**New York Zoological Society.**—President, Levi P. Morton, Secretary, Madison Grant, 11 Wall Street, New York City; Treasurer, L. V. F. Randolph; Director, William T. Hornaday. Annual dues, \$10; life membership, \$200. The Zoological Park is under the management of the Society.

**Scientific Alliance of New York.**—President, C. F. Cox; Treasurer, E. G. Love; Secretary, N. L. Britton, New York Botanical Garden, New York City. The Council of the Scientific Alliance is composed of three delegates from eight scientific societies. Object—To promote coöperation among the constituent societies, the cultivation of popular interest, and particularly to procure a building in which all the societies shall be conveniently housed, and which shall become the scientific centre to the city.

**Society of American Authors.**—President, Rastus S. Ransom; Treasurer, Morris P. Ferris, 71 Broadway, New York City; Secretary, J. Beverly Robinson. Object—The advancement of the interests and the protection of the rights of authors. Membership over 400.

**Society of Naval Architects and Marine Engineers.**—President, Clement A. Griscom; Secretary, Francis T. Bowles, 12 West Thirty-first Street, New York City. Object—The promotion of the art of shipbuilding commercial and naval. Incorporated under the laws of New York State. Headquarters, 12 West Thirty-first Street, New York City. Membership fee, \$5; annual dues, \$5. Has 625 members and associates.

The Forty Immortals of the French Academy.\*

| Year Elected. | Name.   | Born.                          | Predecessor.           |
|---------------|---|--------------------------------|------------------------|
| 1 1855        | Ernest Wilfred Gabriel Baptiste Legouvé . . .       | Paris, 1807 . . . . .          | Ancelot.               |
| 2 1862        | Jacques Victor Albe, Duc de Broglie . . . . .       | Paris, 1821 . . . . .          | Lacordaire Père.       |
| 3 1870        | Emile Ollivier . . . . .                            | Marseilles, 1825 . . . . .     | De Lamartine.          |
| 4 1874        | Alfred Jean François Mézières . . . . .             | Paris, 1826 . . . . .          | St. Marc-Girardin.     |
| 5 1876        | Marie Louis Antoine Gaston Boissier . . . . .       | Nîmes, 1823 . . . . .          | Patin.                 |
| 6 1877        | Victorien Sardou . . . . .                          | Paris, 1831 . . . . .          | Autran.                |
| 7 1878        | Edmond Armand, Duc d'Audiffret-Pasquier . . . . .   | Paris, 1823 . . . . .          | Dupanloup (Bishop).    |
| 8 1880        | Aimé Joseph Edmond Rousse . . . . .                 | Paris, 1817 . . . . .          | Jules Favre.           |
| 9 1881        | René François Armand Sully-Prudhomme . . . . .      | Paris, 1839 . . . . .          | Duvergier de Hauranne  |
| 10 1882       | Adolphe Louis Albert Perraud . . . . .              | Lyons, 1828 . . . . .          | Auguste Barbier.       |
| 11 1882       | Edouard Jules Henri Pailleron . . . . .             | Paris, 1839 . . . . .          | Charles Blanc.         |
| 12 1884       | François Edouard Joachin Coppée . . . . .           | Paris, 1842 . . . . .          | De Laprade.            |
| 13 1884       | Joseph Louis François Bertrand . . . . .            | Paris, 1822 . . . . .          | J. B. Dumas.           |
| 14 1884       | Ludovic Halévy . . . . .                            | Paris, 1834 . . . . .          | Comte d'Haussonville.  |
| 15 1886       | Vallery Clément Octave Gréard . . . . .             | Vire, 1828 . . . . .           | Comte de Falloux.      |
| 16 1886       | Othénin P. de Cléron Comte d'Haussonville . . . . . | Gurey, 1843 . . . . .          | Caro.                  |
| 17 1888       | Jules Arnaud Arsen Claretie . . . . .               | Limoges, 1840 . . . . .        | Cuvillier-Fleury.      |
| 18 1888       | Eugène Marie Melchior, Vicomte de Vogué . . . . .   | Nice, 1848 . . . . .           | Désiré Nisard.         |
| 19 1890       | Charles Louis de Saulces de Freycinet . . . . .     | Foix, 1828 . . . . .           | Emile Augier.          |
| 20 1891       | Louis Marie Julien Viaud (Pierre Loti) . . . . .    | Rochefort, 1850 . . . . .      | Octave Feuillet.       |
| 21 1892       | Ernest Lavisse . . . . .                            | Nouvin, 1842 . . . . .         | Jurien de la Gravière. |
| 22 1893       | Vicomte Henri de Bornier . . . . .                  | Lunel, 1825 . . . . .          | Xavier Marmier.        |
| 23 1893       | Paul Louis Thureau-Dangin . . . . .                 | Paris, 1837 . . . . .          | Rousset.               |
| 24 1893       | Marie Ferdinand Brunetiere . . . . .                | Toulon, 1849 . . . . .         | Lemoigne.              |
| 25 1894       | Albert Sorel . . . . .                              | Honfleur, 1842 . . . . .       | Taine.                 |
| 26 1894       | José Maria de Heredia . . . . .                     | Santiago, Cuba, 1842 . . . . . | De Mazade.             |
| 27 1894       | Paul Bourget . . . . .                              | Amiens, 1852 . . . . .         | Maxime Du Camp.        |
| 28 1894       | Henri Houssaye . . . . .                            | Paris, 1858 . . . . .          | Leconte de Lisle.      |
| 29 1895       | Jules Lemaitre . . . . .                            | Orleans, 1853 . . . . .        | Jean Victor Duruy.     |
| 30 1896       | Jacques Anatole Thibault France . . . . .           | Paris, 1844 . . . . .          | Comte de Lesseps.      |
| 31 1896       | Marquis Marie C. A. Costa de Beauregard . . . . .   | Nyotte, Savoy, 1839 . . . . .  | Camille C. Doucet.     |
| 32 1896       | Gaston Bruno Paulin Paris . . . . .                 | Avenay, 1839 . . . . .         | Louis Pasteur.         |
| 33 1896       | Claude-Adhémar, dit André Thuriot . . . . .         | Marly-le-Roi, 1833 . . . . .   | Alexandre Dumas.       |
| 34 1896       | Louis Jules Albert Comte Vandal . . . . .           | Paris, 1861 . . . . .          | Léon Say.              |
| 35 1897       | Albert Comte de Mun . . . . .                       | Lumigny, 1841 . . . . .        | Jules Simon.           |
| 36 1897       | Gabriel Hanotaux . . . . .                          | Beauvervoir, 1853 . . . . .    | Challemel-Lacour.      |
| 37 1898       | Claude Jean Baptiste Guillaume . . . . .            | Montbard, 1822 . . . . .       | Duc d'Aumale.          |
| 38 1899       | Henri Leon Emile Lavedan . . . . .                  | Orleans, 1859 . . . . .        | Henri Meilhac.         |
| 39 1899       | Paul Deschanel . . . . .                            | Brussels, 1856 . . . . .       | Hervé.                 |
| 40            | Vacant . . . . .                                    |                                | Cherbuliez.            |

\* The French Academy is one of five academies, and the most eminent, constituting the Institute of France. It was founded in 1635 by the Cardinal Richelieu, and reorganized in 1816. It is composed of 40 members, elected for life, after personal application and the submission of their nomination to the head of the State. It meets twice weekly, at the Palace Mazarin, 23 Quai Conti, Paris, and is "the highest authority on everything appertaining to the niceties of the French language, to grammar, rhetoric, and poetry, and the publication of the French classics." The chief officer is the secretary, who has a life tenure of his position. The present permanent secretary is Marie L. A. G. Boissier, who was elected an Academician in 1876. A chair in the Academy is the highest ambition of most literary Frenchmen.

The other academies of the Institute of France are: The Academy of Inscriptions and Belles-Lettres, with 40 members; Academy of Sciences, with 68 members; Academy of Fine Arts, with 40 members (as follows: Painting, 14, sculpture, 8; architecture, 8; engraving, 4; musical composition, 6), and Academy of Moral and Political Science, with 40 members. All members are elected for life.

## Review of Scientific Progress in 1899.

### ASTRONOMY.

In this department of physical research considerable progress was made in 1899. Several new asteroids were discovered by the photographic method; some of these, however, may turn out to be old ones rediscovered, since the number of these small bodies is now so great that a strict account of their places in the heavens cannot be kept, very few astronomers having the inclination or time to undertake such a prodigious amount of labor.

Some three or four comets were also discovered—all telescopic and of little or no interest. A return of Biela's comet is announced, but an impression is entertained in some quarters that this comet has been disintegrated and reduced to a swarm of meteoric matter.

A branch of the Harvard University Observatory located on the Andes Mountains, near Arequipa, Peru, announced the discovery of a very faint satellite of Saturn. It was found by the photographic method; very few, if any, telescopes in the world can show it. The satellite is exceedingly faint, being of the fifteenth or sixteenth magnitude, and when viewed from Saturn itself it would appear only of the fifth magnitude, or two magnitudes below Hyperion, hitherto the faintest known object in the solar system. Notwithstanding this, it is fully 200 miles in diameter; its distance from the primary is estimated at 8,000,000 miles, or more than thirty times the distance of our moon from the earth, and its period about eighteen months. Further observations are required to determine the elements of this faint but interesting body.

A gigantic telescope is in course of construction at Paris, France; its object glass has a diameter of 49.2 inches, or 9.2 inches more than the great Yerkes telescope at Williams Bay, Wis., and 13.2 inches larger than the Lick instrument at Mount Hamilton, Cal. In order to obviate the effect of chromatic aberration and to reduce the mechanical and optical difficulties to a minimum, it was decided to extend the focal length to sixty metres, or nearly 200 feet. The tube is of steel, formed by twenty-four separate tubes screwed together, weighs twenty-one tons, and has a diameter in the largest part of 59 inches. It would be practically impossible to mount such an instrument in the ordinary way owing to the great weight and to the instability and flexure to which it would be exposed, not to mention the difficulty in operating the enormous dome which would be required to protect it. These difficulties have been in part overcome, at the expense, however, of a considerable loss of light, by resting the tube in a horizontal position on cast-iron supports, so arranged that they can have a slight motion on a system of rails in order to neutralize the effect of expansion by heat. The tube is placed in the plane of the meridian, with the object glass toward the south, and in front of it at a convenient distance is placed a siderostat, or plane mirror, so mounted that when operated by clock work it will reflect the rays from a heavenly body into the tube of the telescope. The mirror has a diameter of 78 inches and weighs six and a half tons. There are two object glasses—one for visual observations, the other for photographic work. Each glass weighs 1,600 pounds.

In light-grasp power this instrument, compared with that of the most powerful in existence (the Yerkes glass), is as three to two, but in consequence of the loss of light by reflection from the siderostat this ratio will be considerably reduced. In regard to photography, however, it will doubtless surpass all other instruments, since, owing to its great focal length, photographic pictures of the moon, for instance, 20 or 22 inches in diameter, can be taken, and this of itself will constitute a marked progress in our knowledge of the physical constitution of our satellite.

Another monster telescope, intended for the Allegheny, Pa., Observatory, is also in course of construction. The object glass is to be 32 inches in diameter, and from the well-known reputation of the maker, it is expected to be one of the finest in the world.

### CHEMISTRY.

Experimentation with liquid hydrogen has resulted in the discovery of some wonderful and interesting properties, which may eventually be turned to practical account.

Atmospheric air, on entering a vessel containing liquid hydrogen, is at once frozen to a solid, and falls like a precipitate; a piece of cotton, or a glass rod, dipped into it and lighted gives the well-known hydrogen flame; a small cork ball sinks at once in liquid hydrogen; a solid body immersed in it for a few seconds becomes so cold that it liquefies the surrounding air on its withdrawal, which runs off in drops, and if a tube containing air, or oxygen, be plunged into it, it is at once solidified. The actual temperature of liquid hydrogen is thought to be about 21° absolute. Very perfect vacua have been produced by placing tubes containing air in liquid hydrogen—so perfect, indeed, that an electric discharge cannot pass through them.

A new method of extracting nickel from its ores, which usually contain iron, cobalt, copper, etc., has been devised and successfully put into practice. It depends on the fact that nickel forms a volatile compound with CO, carbon monoxide—called nickel carbonyl, which boils at 150° C., and from which the nickel is again regenerated at 180° C.

An investigation into the nature of helium has been made with the view of determining whether it is an element or a compound, as was at one time suspected. It is now shown to be a perfectly homogeneous body, and is therefore to rank hereafter as one of the elementary bodies existing in the sun as well as on the earth.

### GEOLOGY AND EXPLORATION.

Geological researches were carried on in 1899 with unabated vigor and with some very practical results. Among the regions which received more than the usual attention from geologists and explorers may be mentioned San Clemente Island, off the south coast of California; it is purely of volcanic origin, with some sedimentary rocks of the Miocene Age; also Edwards Plateau and the plain of the Rio Grande, and the famous crater lake of Oregon. This last is one of the most stupendous works of nature, and considered in all its aspects, ranks with the grand cañon of Colorado, the Yosemite Valley, and the Falls of Niagara. Such is the extraordinary beauty and grandeur of the region that a bill has been introduced in Congress to make it a National Park. The other regions which have been partially explored, from a geologic standpoint, are the Isthmus of Panama, Costa Rica, Jamaica, certain parts of Montana, North Labrador, and Tasmania, all of which have yielded results of great scientific and commercial importance.

Extensive coal-bearing districts have been discovered in the neighborhood of Crow Nest Pass, on the eastern side of the Rocky Mountains, and also on the Pembina River, in Northern Alberta, Canada. The seam, which is seventeen feet thick, crops out on the river bank and has been on fire for many years. Petroleum has been found on Pelican River, Northwest Territory, Canada; borings 800 feet deep have shown the existence of inexhaustible deposits of coal tar and natural gas.

Gold is found in all the streams flowing east of the Rocky Mountains, north of the international boundary line, especially on the Peace and Liard rivers, and in the Klondike regions. The metal is found in the disintegrated rocks of the Laurentian Plateau. The aggregate value of the minerals produced in this region during 1897 was \$28,661,430, an increase of 27 per cent on the preceding year.

Native silver in paying quantities has been found near Livingston, Davidson County, N. C., and two extensive beds of corundum have been discovered in widely separated parts of the world—one



REVIEW OF SCIENTIFIC PROGRESS IN 1899—Continued.

in India, which also yields rubies and sapphires, the other in Renfrew County, Ontario; the latter occurring in dykes of syenite and quartz, intersecting the Laurentian gneiss.

An extensive investigation of the Atlantic coast and lake regions of Canada and the United States has been carried on for many years, and conducts to the most astounding, if not alarming, results. The question of any progressive change in the level of our Atlantic coast, and of the Great Lakes on our northern frontier, is not only of great scientific interest, but also of great practical and national importance, for any change in the rise and fall of the water in these regions may have a profound effect on the value of property in their vicinity and on national boundaries. It is now pretty clearly shown that the earth movements which characterized the closing epochs of the Pleistocene period extend to the Great Lakes and are still going on.

This slow but continuous movement of the lake basin is destined eventually to turn the waters of the Great Lakes through the Illinois River into the Mississippi, resulting in the entire or partial flooding of the lower portion of the valley of that great river. Another great movement is going on on the Atlantic coast and the shores of Hudson Bay. South of Connecticut the land is subsiding at the rate of about two feet in one hundred years, while the land around Hudson and James's bays has actually risen seven feet during the present century. Bays and inlets in which the Hudson Bay Company's ships formerly wintered, over a century ago, will now scarcely float a rowboat, and rivers whose mouths were formerly navigable for ships for several miles are now no longer so, but enter the bay by a rapid or fall. Ancient beaches are easily seen on the eastern shore of Hudson Bay from fifty to seventy feet above the present high-water mark.

All these facts, pointing in a common direction, warrant the hypothesis that the tilting of the lake region, which was going on at the close of the glacial period, as shown by the slopes of all shore lines, is still in progress.

Observations show that in the case of Lake Superior there is a gradual rise of water at the west end and a falling at the east end, or, in other words, the west end is sinking and the east rising. The mean rate of change derived from a long series of observations is 0.42 feet in a hundred miles per century. It would appear then that the whole lake region is being lifted at one side and depressed on the opposite, so that its plane is bodily canted toward the southwest. Certain general consequences must necessarily flow from this movement independently of any irregularities that may be due to excessive rainfalls, or evaporation. Thus, it is found that on Lake Ontario the water is advancing on all shores; the same is true of Lake Erie, the most rapid change being at Sandusky and Toledo, Ohio. Around Lake Huron, the water is falling more rapidly in the north and northeast than in the south and southwest. At Lake Superior the water is advancing on the United States shore and receding on the Canadian, and a similar movement exists in Lake Michigan, the water of which is falling in the north and rising in the south at Chicago at the rate of 9 or 10 inches in 100 years. At the present rate, the discharge of the water of the lakes through the Illinois River into the Mississippi may begin and flow on uninterruptedly in about 800 years, and in about 1,800 or 2,000 years the Illinois and Niagara rivers will carry about equal volumes of water. Chicago is, therefore, a doomed city; it stands on a sinking plain, which is now only a few feet above the level of Lake Michigan. A similar fate awaits Manhattan and Long Islands, the greater part of New Jersey, Delaware, and portions of Maryland, Virginia, and the Carolinas. This populous region, at present the centre of life, energy, and activity, is destined to be ultimately submerged beneath the Atlantic. This gradual subsidence of the Atlantic coast is probably due to a fault which is known to extend from New England to the Carolinas, and it was along this fault that the Charleston earthquake of 1886 was chiefly felt.

In confirmation of this relation between earthquakes and faults, it may be noticed that a recent investigation into the earthquake in Hereford, England, in 1896, shows that it also was due to a slip or fall along a fault many miles in length. There were in this case two foci or centres of disturbance, eight miles apart, between which there was no disturbance.

A meteorite, weighing ninety-six pounds nine ounces, was found near the Tombigbee River, Ala.; the date of the fall is unknown. It has all the characteristic depressions and marks of siderites in general. It consists chiefly of very soft iron, which, however, is capable of a very high polish. An analysis gives iron 95, nickel 4.1, cobalt 0.4, phosphorus 0.32, carbon 0.16, and sulphur a trace, per cent respectively.

During the year 1899 science was called upon to mourn for the loss of a few of her most distinguished votaries. Prof. Bunsen, the famous German chemist; Prof. Marsh, of New Haven, Ct., the foremost paleontologist of his time; Sir Edward Frankland, a celebrated English chemist; Dr. D. G. Brinton, anthropologist, of Philadelphia, Pa., and Sir W. H. Flower, the eminent zoologist of the British Museum, have passed over to the majority, leaving behind them an imperishable record in their respective lines of scientific research.

J. M.

Statistics of the Press.

ROWELL'S American Newspaper Directory for 1899 reports the number of newspapers published in the United States and Canada as 22,056. Of these, 883 were Canadian publications. The following was the frequency of issue: Weekly, 15,688; monthly, 2,964; daily, 2,229; semi-monthly, 368; semi-weekly, 445; quarterly, 182; bi-weekly, 74; bi-monthly, 59; tri-weekly, 47—total, 22,056.

The following table exhibits the number of papers printed in the several States and Canada in 1899:

|  |     |                    |       |                   |       |                     |        |
|--|-----|--------------------|-------|-------------------|-------|---------------------|--------|
| Alabama .....                          | 232 | Illinois .....     | 1,732 | Montana .....     | 92    | Rhode Island.....   | 62     |
| Alaska .....                           | 7   | Indiana Territory. | 79    | Nebraska.....     | 614   | South Carolina..... | 112    |
| Arizona .....                          | 52  | Indiana .....      | 851   | Nevada.....       | 29    | South Dakota.....   | 263    |
| Arkansas .....                         | 259 | Iowa.....          | 1,091 | New Hampshire..   | 109   | Tennessee.....      | 300    |
| California .....                       | 698 | Kansas .....       | 724   | New Jersey.....   | 392   | Texas.....          | 834    |
| Canada, N <sup>o</sup> nd <sup>d</sup> | 883 | Kentucky .....     | 317   | New Mexico.....   | 50    | Utah.....           | 76     |
| Colorado .....                         | 318 | Louisiana .....    | 183   | New York.....     | 2,066 | Vermont.....        | 78     |
| Connecticut .....                      | 197 | Maine.....         | 179   | North Carolina..  | 262   | Virginia.....       | 258    |
| Delaware .....                         | 42  | Maryland .....     | 204   | North Dakota....  | 149   | Washington.....     | 224    |
| Dis. of Columbia.                      | 77  | Massachusetts...   | 632   | Ohio.....         | 1,233 | West Virginia....   | 193    |
| Florida .....                          | 168 | Michigan .....     | 808   | Oklahoma.....     | 106   | Wisconsin.....      | 685    |
| Georgia .....                          | 372 | Minnesota.....     | 648   | Oregon.....       | 204   | Wyoming.....        | 45     |
| Hawaii .....                           | 7   | Mississippi.....   | 226   | Pennsylvania..... | 1,448 |                     |        |
| Idaho .....                            | 74  | Missouri.....      | 1,096 | Porto Rico.....   | 7     | Total.....          | 22,056 |

The total number of newspapers published in the world at present is estimated at about 50,000, distributed as follows: United States and Canada, 22,056; Germany, 6,000; Great Britain, 8,000; France, 4,800; Japan, 2,000; Italy, 1,500; Austria-Hungary, 1,200; Asia, exclusive of Japan, 1,000; Spain, 850; Russia, 800; Australia, 800; Greece, 600; Switzerland, 450; Holland, 300; Belgium, 300; all others, 1,000. Of these more than half are printed in the English language.

## Statistics of Education.

UNIVERSITIES AND COLLEGES OF LIBERAL ARTS IN THE UNITED STATES.

(Prepared for THE WORLD ALMANAC by the Statistician of the United States Bureau of Education.)

| STATES AND TERRITORIES, 1897-98. | INCOME IN 1897-98. |                        |  |               | Libraries, Bound Volumes. | Value of Scientific Apparatus. | Value of Grounds and Buildings. | Productive Funds. | Benefactions. |
|----------------------------------|--------------------|------------------------|--|---------------|---------------------------|--------------------------------|---------------------------------|-------------------|---------------|
|                                  | From Tuition Fees. | From Productive Funds. | From U. S. Government, State, or Municipal Appropriations. | Total Income. |                           |                                |                                 |                   |               |
| North Atlantic Division.         |                    |                        |  |               |                           |                                |                                 |                   |               |
| Maine.....                       | \$67,030           | \$71,978               | \$58,000   | \$213,196     | 129,689                   | \$143,625                      | \$1,091,566                     | \$1,661,512       | \$114,500     |
| N. Hampshire.....                | 37,000             | 65,000                 | 5,000  | 107,000       | 80,000                    | 102,000                        | 650,000                         | 1,500,000         | 156,200       |
| Vermont.....                     | 15,992             | 24,619                 | 24,383   | 104,489       | 88,258                    | 105,000                        | 725,000                         | 755,000           | 34,640        |
| Massachusetts.....               | 824,365            | 695,747                | ....   | 1,712,316     | 719,959                   | 1,313,450                      | 8,142,425                       | 15,421,277        | 1,559,355     |
| Rhode Island.....                | 101,721            | 28,661                 | ....   | 131,762       | 100,000                   | 340,000                        | 1,177,967                       | 807,481           | 13,800        |
| Connecticut.....                 | 521,246            | 293,263                | ....   | 847,420       | 323,000                   | 400,755                        | 6,743,030                       | 5,919,771         | 127,500       |
| New York.....                    | 813,448            | 1,082,580              | 273,104  | 2,744,844     | 943,342                   | 1,413,727                      | 20,891,155                      | 24,199,969        | 1,190,861     |
| New Jersey.....                  | 138,499            | 171,000                | 88,000   | 469,499       | 186,762                   | 570,000                        | 2,525,000                       | 3,500,000         | 4,000         |
| Pennsylvania.....                | 720,464            | 360,038                | 408,215  | 1,576,680     | 638,842                   | 1,084,198                      | 12,263,682                      | 9,466,206         | 658,337       |
| South Atlantic Division.         |                    |                        |  |               |                           |                                |                                 |                   |               |
| Delaware.....                    | 200                | 4,990                  | 38,000   | 44,869        | 10,500                    | 23,000                         | 101,500                         | 83,000            | 200           |
| Maryland.....                    | 199,045            | 80,395                 | 73,100   | 363,299       | 185,310                   | 183,377                        | 2,017,626                       | 3,407,500         | 72,958        |
| D. of Columbia.....              | 61,835             | 64,949                 | 111,129  | 327,610       | 138,770                   | 93,500                         | 4,377,500                       | 1,279,075         | 43,073        |
| Virginia.....                    | 102,805            | 93,405                 | 62,500   | 273,769       | 160,425                   | 65,200                         | 2,159,000                       | 1,779,000         | 155,361       |
| West Virginia.....               | 7,836              | 6,408                  | 69,550   | 90,836        | 18,600                    | 51,000                         | 520,000                         | 114,750           | ....          |
| N. Carolina.....                 | 80,693             | 45,218                 | 25,000   | 177,204       | 110,100                   | 33,550                         | 1,523,500                       | 770,942           | 151,573       |
| S. Carolina.....                 | 25,000             | 27,572                 | 27,000   | 99,572        | 71,300                    | 23,300                         | 845,000                         | 550,800           | 31,514        |
| Georgia.....                     | 36,626             | 47,970                 | 38,073   | 143,255       | 63,410                    | 75,450                         | 1,660,000                       | 855,618           | 59,749        |
| Florida.....                     | 13,550             | 20,277                 | 16,000   | 70,420        | 18,870                    | 19,000                         | 450,000                         | 424,800           | 213,765       |
| South Central Division.          |                    |                        |  |               |                           |                                |                                 |                   |               |
| Kentucky.....                    | 78,689             | 96,537                 | 66,341   | 254,523       | 82,187                    | 68,940                         | 1,265,500                       | 1,372,495         | 36,881        |
| Tennessee.....                   | 178,286            | 129,019                | 61,200   | 455,623       | 169,997                   | 278,025                        | 3,414,700                       | 2,406,200         | 180,461       |
| Alabama.....                     | 81,632             | 29,200                 | 5,500  | 115,115       | 61,250                    | 70,350                         | 865,000                         | 365,000           | 300           |
| Mississippi.....                 | 14,236             | 42,043                 | 3,000  | 67,243        | 30,000                    | 35,200                         | 440,000                         | 692,500           | 7,000         |
| Louisiana.....                   | 55,914             | 100,556                | 40,138   | 214,974       | 71,700                    | 126,250                        | 1,845,000                       | 1,947,313         | 7,800         |
| Texas.....                       | 178,583            | 76,022                 | 25,000   | 344,133       | 74,569                    | 93,075                         | 1,959,500                       | 720,716           | 83,500        |
| Arkansas.....                    | 30,451             | 11,206                 | 66,377   | 112,561       | 22,708                    | 33,570                         | 495,000                         | 150,500           | 4,430         |
| Oklahoma.....                    | ....               | 8,000                  | 12,000   | 21,100        | 2,200                     | 6,000                          | 60,000                          | ....              | ....          |
| Indian Ter.....                  | 16,872             | ....                   | ....   | 13,800        | 1,600                     | 600                            | 60,000                          | ....              | ....          |
| North Central Division.          |                    |                        |  |               |                           |                                |                                 |                   |               |
| Ohio.....                        | 329,671            | 375,500                | 234,924  | 1,121,827     | 434,641                   | 442,800                        | 8,079,956                       | 7,843,200         | 508,314       |
| Indiana.....                     | 270,506            | 115,977                | 80,000   | 497,073       | 200,905                   | 185,750                        | 3,710,000                       | 2,041,283         | 171,550       |
| Illinois.....                    | 672,940            | 486,706                | 248,000  | 1,613,186     | 601,649                   | 565,580                        | 8,073,235                       | 10,499,217        | 553,204       |
| Michigan.....                    | 232,993            | 97,042                 | 213,000  | 649,061       | 226,661                   | 612,212                        | 2,333,704                       | 1,609,983         | 252,851       |
| Wisconsin.....                   | 51,140             | 80,887                 | 293,000  | 497,903       | 131,142                   | 382,500                        | 2,586,000                       | 1,462,479         | 80,129        |
| Minnesota.....                   | 133,049            | 82,942                 | 127,905  | 400,514       | 92,000                    | 132,900                        | 2,747,560                       | 1,662,091         | 36,421        |
| Iowa.....                        | 201,526            | 98,671                 | 72,979   | 391,395       | 130,506                   | 287,850                        | 2,173,798                       | 1,556,769         | 163,356       |
| Missouri.....                    | 250,338            | 191,390                | 71,784   | 509,970       | 195,450                   | 219,105                        | 4,884,000                       | 3,771,839         | 360,207       |
| North Dakota.....                | 3,099              | 4,059                  | 30,000   | 44,300        | 10,000                    | 12,850                         | 390,000                         | 54,000            | 14,203        |
| South Dakota.....                | 21,575             | 7,497                  | 29,950   | 62,215        | 17,857                    | 6,750                          | 390,500                         | 82,500            | 22,800        |
| Nebraska.....                    | 86,564             | 13,391                 | 164,250  | 245,061       | 77,520                    | 229,650                        | 1,844,400                       | 453,952           | 33,007        |
| Kansas.....                      | 120,691            | 26,227                 | 89,540   | 209,633       | 107,857                   | 185,175                        | 1,811,500                       | 397,155           | 123,874       |
| Western Division.                |                    |                        |  |               |                           |                                |                                 |                   |               |
| Montana.....                     | 10,500             | 11,000                 | 19,000   | 41,500        | 6,700                     | 8,800                          | 225,000                         | ....              | 2,000         |
| Wyoming.....                     | 610                | ....                   | 46,076   | 47,243        | 5,750                     | 60,000                         | 111,540                         | ....              | ....          |
| Colorado.....                    | 37,040             | 32,548                 | 126,000  | 236,067       | 55,267                    | 69,100                         | 1,406,400                       | 616,910           | 67,075        |
| New Mexico.....                  | ....               | ....                   | ....   | ....          | ....                      | ....                           | ....                            | ....              | ....          |
| Arizona.....                     | ....               | ....                   | 48,700   | 48,700        | ....                      | 40,000                         | 85,000                          | ....              | ....          |
| Utah.....                        | 8,180              | 7,193                  | 60,000   | 82,948        | 19,000                    | 20,500                         | 325,000                         | 196,427           | 300           |
| Nevada.....                      | ....               | 3,800                  | 50,450   | 64,878        | 6,457                     | 17,030                         | 156,154                         | 95,000            | ....          |
| Idaho.....                       | 518                | 412                    | 44,000   | 45,680        | 6,100                     | 35,000                         | 130,000                         | 7,472             | 500           |
| Washington.....                  | 40,208             | 8,000                  | 40,250   | 111,688       | 27,146                    | 23,958                         | 644,000                         | 150,000           | 32,550        |
| Oregon.....                      | 23,580             | 20,692                 | 30,000   | 76,232        | 27,413                    | 23,650                         | 832,000                         | 342,000           | 11,800        |
| California.....                  | 137,179            | 302,897                | 423,141  | 861,646       | 188,638                   | 562,700                        | 5,261,571                       | 6,639,949         | 200,770       |
| N Atlantic Div.....              | \$3,259,410        | \$3,802,886            | \$518,702  | \$7,926,196   | 3,215,855                 | \$5,479,755                    | \$54,209,825                    | \$63,221,216      | \$3,859,243   |
| S. Atlantic Div.....             | 678,003            | 391,174                | 468,351  | 1,691,804     | 797,215                   | 598,377                        | 13,552,128                      | 9,265,485         | 738,213       |
| S. Central Div.....              | 628,621            | 492,583                | 323,906  | 1,599,152     | 516,211                   | 713,540                        | 10,404,700                      | 7,054,724         | 320,372       |
| N. Central Div.....              | 2,366,033          | 1,580,198              | 1,743,322  | 6,367,137     | 2,226,133                 | 3,359,122                      | 38,967,653                      | 31,434,468        | 2,309,616     |
| Western Div.....                 | 257,815            | 386,842                | 887,617  | 1,629,082     | 340,911                   | 860,738                        | 9,176,798                       | 8,047,768         | 314,495       |
| United States.....               | \$7,139,962        | \$5,653,683            | \$4,249,908  | \$19,213,371  | 7,096,325                 | \$11,004,532                   | \$126,211,099                   | \$119,632,651     | \$7,532,239   |





## Principal Universities and Colleges of the United States.

TABLE ONE.

THE statistics embraced in this table were communicated to THE WORLD ALMANAC by the Presidents of the respective institutions and represent their condition at the close of 1899

Persons writing to the different institutions for catalogues should include postage stamp for reply, and also indicate the reason for request.

| ORGAN-<br>IZED. | Colleges.<br>For explanation of signs, see<br>page 311. | Location.            | Denominational<br>Control. | President or Chairman of Faculty.   | Instruc-<br>tors. | Stu-<br>dents. | Vol-<br>umes in<br>Library |
|-----------------|---|----------------------|----------------------------|-------------------------------------|-------------------|----------------|----------------------------|
| 1873            | Add-Ran Christ. Un.†                                    | Waco, Tex.           | Disciples...               | Albert Buxton, A. M., Ph. D.        | 20                | 200            | 5,000                      |
| 1896            | Adelphi College†  | Brooklyn, N. Y.      | Non-Sect.                  | C. H. Levermore, Ph. D.             | 25                | 332            | 8,000                      |
| 1859            | Adrian College†   | Adrian, Mich.        | Meth. Prot.                | Dr. David Jones, D. D.              | 13                | 175            | 6,000                      |
| 1872            | Alabama Poly. Inst.†                                    | Auburn, Ala.         | Non Sect.                  | W. LeRoy Brown, M. A., LL. D.       | 31                | 347            | 12,989                     |
| 1861            | Albion College†   | Albion, Mich.        | Meth. Epis.                | Rev. J. P. Ashley, S. T. B., Ph. D. | 25                | 454            | 15,000                     |
| 1836            | Alfred University†                                      | Alfred, N. Y.        | Non Sect.                  | Rev. Boothe C. Davis, Ph. D.        | 24                | 172            | 12,136                     |
| 1815            | Allegheny College†                                      | Meadville, Pa.       | Meth. Epis.                | William H. Crawford, D. D.          | 17                | 300            | 17,006                     |
| 1886            | Alma College†   | Alma, Mich.          | Presbyter' n               | Rev. A. F. Bruske, D. D.            | 20                | 254            | 17,006                     |
| 1892            | Am. Temperance Un.†                                     | Harriman, Tenn.      | Non-Sect.                  | J. F. Spence, A. M., LL. D.         | 30                | 400            | 1,000                      |
| 1891            | American Univ.†(b)                                      | Washington, D. C.    | Meth. Epis.                | John F. Hurst, D. M., LL. D.        |                   |                |                            |
| 1821            | Amherst College.  | Amherst, Mass.       | Non Sect.                  | George Harris, D. D., LL. D.        | 36                | 380            | 70,000                     |
| 1872            | Amity College†  | College Springs, Ia. | Non Sect.                  | Rev. J. C. Hallou, A. B., A. M.     | 11                | 250            | 2,500                      |
| 1807            | Andover Theol. Sem.                                     | Andover, Mass.       | Congregat' l               | George Foot Moore, D. D.            | 6                 | 25             | 50,000                     |
| 1852            | Antioch College†  | Yellow Springs, O.   | Non Sect.                  | William A. Bell, M. A.              | 14                | 122            | 10,000                     |
| 1872            | Arkansas College†                                       | Batesville, Ark.     | Presbyter' n               | Eugene R. Long, Ph. D.              | 7                 | 106            | 4,100                      |
| 1893            | Armour Inst. Tech.†                                     | Chicago, Ill.        | Non Sect.                  | Rev. F. W. Gunsaulus, D. D.         | 50                | 1,200          | 18,000                     |
| 1842            | Asheville College†                                      | Asheville, N. C.     | Non Sect.                  | Arch. A. Jones, A. B., A. M.        | 17                | 175            | 2,250                      |
| 1869            | Atlanta University†                                     | Atlanta, Ga.         | Non-Sect.                  | Horace Bunstead, D. D.              | 20                | 300            | 10,500                     |
| 1820            | Auburn Theol. Sem.†                                     | Auburn, N. Y.        | Presbyter' n               | Rev. G. B. Stewart, D. D.           | 9                 | 91             | 50,000                     |
| 1859            | Augsburg Seminary                                       | Minneapolis, Minn.   | Lutheran.                  | George Sverdrup                     | 8                 | 180            | 1,000                      |
| 1860            | Augustana College†                                      | Rock Island, Ill.    | Lutheran.                  | Rev. O. Olsson, D. D., Ph. D.       | 27                | 575            | 15,000                     |
| 1858            | Baker University†                                       | Baldwin, Kan.        | Meth. Epis.                | Rev. Lemuel H. Murlin, D. D.        | 24                | 568            | 8,000                      |
| 1846            | Baldwin University†                                     | Berea, O.            | Meth. Epis.                | Rev. It. M. Freshwater, M. A.       | 23                | 278            | 7,000                      |
| 1859            | Barnard College†(d)                                     | Manh' n Boro, N. Y.  | Non-Sect.                  | Emily J. Putnam, Dean.              | 41                | 308            | 1,000                      |
| 1864            | Bates College†  | Lewiston, Me.        | Free Bapt.                 | George C. Chase, D. D., LL. D.      | 21                | 340            | 21,000                     |
| 1845            | Baylor University†                                      | Waco, Tex.           | Baptist.                   | Oscar H. Cooper, LL. D.             | 22                | 458            | 8,400                      |
| 1847            | Beloit College†   | Beloit, Wis.         | Non-Sect.                  | E. D. Eaton, D. D., LL. D.          | 25                | 412            | 24,500                     |
| 1858            | Berea College†  | Berea, Ky.           | Non-Sect.                  | Wm. G. Frost, Ph. D., D. D.         | 23                | 638            | 16,000                     |
| 1881            | Bethany College†  | Lindsborg, Kan.      | Lutheran.                  | Rev. C. Swenson, Ph. D.             | 30                | 630            | 4,500                      |
| 1841            | Bethany College (g)                                     | Bethany, W. Va.      | Disciples.                 | C. A. Young, Ph. D.                 | 10                | 100            | 3,000                      |
| 1854            | Bethel College  | Russellville, Ky.    | Baptist.                   | Rev. E. S. Alderman, D. D.          | 6                 | 104            | 5,900                      |
| 1851            | Bethel College†   | McKenzie, Tenn.      | Cumb. Pres.                | Chas. E. Starke, A. M.              | 9                 | 87             | 500                        |
| 1867            | Biddle University†                                      | Charlotte, N. C.     | Presbyter' n               | Rev. D. J. Sanders, D. D.           | 11                | 287            | 11,000                     |
| 1899            | Boston University†                                      | Boston, Mass.        | Meth. Epis.                | W. F. Warren, S. T. D., LL. D.      | 141               | 1,376          |                            |
| 1794            | Bowdoin College.  | Brunswick, Me.       | Congregat' l               | Wm. De Witt Hyde, D. D.             | 32                | 360            | 64,000                     |
| 1877            | Brighton Young Col.†                                    | Ogden, Utah.         | Latit. Day.                | Wm. J. Kerr, D. Sc. E. D.           | 28                | 570            | 2,100                      |
| 1764            | Brown University†                                       | Providence, R. I.    | Non-Sect.                  | W. H. P. Bunce, A. M., D. D.        | 75                | 870            | 100,000                    |
| 1880            | Bryn Mawr College†                                      | Bryn Mawr, Pa.       | Non-Sect.                  | M. Carey Thomas, LL. D.             | 38                | 365            | 80,593                     |
| 1871            | Bucknell College†                                       | Akron, O.            | Univ' rsalist              | Rev. Ira A. Priest, A. M., D. D.    | 18                | 178            | 6,000                      |
| 1846            | Buchnell University†                                    | Lewisburg, Pa.       | Baptist.                   | John H. Harris, LL. D., Ph. D.      | 31                | 461            | 19,000                     |
| 1848            | Burrill College†  | Spencer, Tenn.       | Christian.                 | W. N. Billingsley, A. M.            | 10                | 192            | 3,560                      |
| 1855            | Butler University†(g)                                   | Irvington, Ind.      | Non-Sect.                  | Scot. Butler, A. M., LL. D.         | 20                | 200            | 6,000                      |
| 1870            | Canisius College  | Buffalo, N. Y.       | R. Catholic.               | Rev. John B. Theis, S. J.           | 30                | 270            | 22,000                     |
| 1850            | Capital University                                      | Columbus, O.         | Lutheran.                  | F. W. Stelhorn, D. D.               | 9                 | 100            | 6,000                      |
| 1866            | Carleton College†                                       | Northfield, Minn.    | Congregat' l               | Rev. James W. Strong, D. D.         | 23                | 356            | 15,000                     |
| 1850            | Carson & Newman C.†                                     | Mossy Creek, Tenn.   | Baptist.                   | J. T. Henderson, A. M.              | 13                | 300            | 1,000                      |
| 1870            | Carthage College†                                       | Carthage, Ill.       | Lutheran.                  | Rev. J. M. Rutherford, D. D.        | 12                | 168            | 5,000                      |
| 1880            | Case Sc. Appl. Science                                  | Cleveland, O.        | Non-Sect.                  | Cady Staley, Ph. D., LL. D.         | 22                | 250            | 2,000                      |
| 1851            | Catawba College†  | Newton, N. C.        | Reformed.                  | Rev. G. C. Clapp, D. D.             | 10                | 147            | 2,000                      |
| 1889            | Catholic Univ. Am. (f)                                  | Washington, D. C.    | R. Catholic.               | Rev. Thomas J. Conaty, D. D.        | 34                | 168            | 30,363                     |
| 1857            | Central College†  | Fayette, Mo.         | Meth. Epis.                | E. B. Craighead, A. M., LL. D.      | 9                 | 210            | 6,000                      |
| 1855            | Central Penn' a Coll.†                                  | New Berlin, Pa.      | Evangelical                | Rev. A. E. Goble, A. M., D. D.      | 9                 | 113            | 5,300                      |
| 1866            | Central Tenn. Col.†(c)                                  | Nashville, Tenn.     | Meth. Epis.                | Rev. John Braley, D. D.             | 46                | 531            | 4,325                      |
| 1853            | Central University†                                     | Pella, Iowa.         | Baptist.                   | Asa B. Bush, Ph. D.                 | 14                | 208            | 4,500                      |
| 1873            | Central University (g)                                  | Richmond, Ky.        | Presbyter' n               | G. H. Blanton, D. D., Chan.         | 40                | 954            | 8,200                      |
| 1864            | Central Wesleyan Col.†                                  | Warrenton, Mo.       | Meth. Epis.                | Geo. B. Adicks, A. B., A. M.        | 14                | 325            | 6,500                      |
| 1819            | Centre College†   | Danville, Ky.        | Presbyter' n               | Ry. W. C. Roberts, D. D., LL. D.    | 16                | 341            | 13,124                     |
| 1857            | Chadock College†  | Quincy, Ill.         | Meth. Epis.                | A. M. Danelly, A. M., D. D.         | 13                | 250            | 2,000                      |
| 1881            | Charles City College†                                   | Charles City, Iowa.  | Germ. Meth.                | J. F. Hirsch, M. A.                 | 9                 | 220            | 1,500                      |
| 1785            | Charleston College                                      | Charleston, S. C.    | Non-Sect.                  | Harrison Randolph, M. A.            | 7                 | 44             | 13,000                     |
| 1833            | Charleston University†                                  | Canton, Mo.          | Disciples.                 | Clinton Lockhart, A. M., Ph. D.     | 22                | 150            | 1,000                      |
| 1869            | Clafin University†                                      | Orangeburg, S. C.    | Meth. Epis.                | L. M. Duntun, A. M., D. D.          | 20                | 600            | 5,000                      |
| 1870            | Clark University†                                       | Atlanta, Ga.         | Meth. Epis.                | Chas. M. Melden, Ph. D.             | 13                | 459            | 1,400                      |
| 1887            | Clark University†                                       | Worcester, Mass.     | Non-Sect.                  | G. Stanley Hall, Ph. D., LL. D.     |                   |                | 18,000                     |
| 1890            | Clemson Agri. College                                   | Clemson Col., S. C.  | Non-Sect.                  | Henry S. Hartzog, LL. D.            | 31                | 417            | 5,000                      |
| 1881            | Coe College†  | Cedar Rapids, Ia.    | Presbyter' n               | Rev. S. B. McCordick, D. D.         | 16                | 215            | 3,000                      |
| 1813            | Colby College†  | Waterville, Me.      | Baptist.                   | Rev. Nathaniel Butler, D. D.        | 18                | 190            | 35,600                     |
| 1819            | Colgate University.                                     | Hamilton, N. Y.      | Baptist.                   | Geo. E. Merrill, D. D.              | 32                | 350            | 80,000                     |
| 1848            | College City of N. Y.                                   | Manh' n Boro, N. Y.  | Non-Sect.                  | Alex. Stewart Webb, LL. D.          | 60                | 2,046          | 32,325                     |
| 1874            | Colorado College†                                       | Colorado Sp' s, Col. | Non-Sect.                  | W. F. Slocum, B. D., LL. D.         | 37                | 510            | 29,000                     |
| 1754            | Columbia Univ. (d)                                      | Manh' n Boro, N. Y.  | Non-Sect.                  | Seth Lou, LL. D.                    | 359               | 12,308         | 275,000                    |
| 1821            | Columbian Univ.†  | Washington, D. C.    | Baptist.                   | B. L. Whitman, D. D., LL. D.        | 170               | 1,113          | 12,000                     |
| 1839            | Concordia College                                       | Fort Wayne, Ind.     | Lutheran.                  | Jos. Schmidt, A. M.                 | 8                 | 169            | 4,310                      |
| 1857            | Cornell College†  | Mt. Vernon, Iowa.    | Meth. Epis.                | Wm. F. King, D. D., LL. D.          | 23                | 647            | 17,249                     |
| 1868            | Cornell University†                                     | Ithaca, N. Y.        | Non-Sect.                  | J. G. Schurman, D. Sc., LL. D.      | 284               | 2,543          | 225,022                    |

| ORGAN-<br>IZED. | Colleges—Table One.<br>For explanation of signs, see<br>page 311. | Location.            | Denominational<br>Control. | President or Chairman of Faculty.  | Instruc-<br>tors.* | Stu-<br>dents† | Vol-<br>umes in<br>Library |
|-----------------|---|----------------------|----------------------------|------------------------------------|--------------------|----------------|----------------------------|
| 1889            | Cotner University†  | Bethany, Neb.        | Disciples...               | W. P. Aylsworth, LL. D.            | 36                 | 150            | 500                        |
| 1842            | Cumberland Univ.†   | Lebanon, Tenn.       | Cumb. Pres.                | Nathan Green, LL. D.               | 16                 | 232            | 6,000                      |
| 1769            | Dartmouth College   | Hanover, N. H.       | Non-Sect.                  | Wm. J. Tucker, D. D., LL. D.       | 58                 | 752            | 85,000                     |
| 1837            | Davidson College  | Davidson, N. C.      | Presbyter'n                | J. B. Shearer, D. D., LL. D.       | 10                 | 152            | 12,000                     |
| 1884            | Defiance College  | Defiance, O.         | Non-Sect.                  | Rev. J. H. Latchaw, A. M., D. D.   | 10                 | 323            | 600                        |
| 1834            | Delaware College  | Newark, Del.         | Non-Sect.                  | Geo. A. Harter, M. A., Ph. D.      | 19                 | 92             | 19,000                     |
| 1831            | Denison University  | Granville, O.        | Baptist                    | D. B. Purinton, Ph. D., LL. D.     | 21                 | 378            | 20,000                     |
| 1837            | De Pauw University  | Greencastle, Ind.    | Meth. Epis.                | Rev. H. A. Gobin, D. D., A. M.     | 25                 | 623            | 24,630                     |
| 1865            | Des Moines College†   | Des Moines, Iowa.    | Baptist                    | H. L. Stetson, D. D., A. M., B. D. | 11                 | 181            | 3,750                      |
| 1783            | Dickinson College   | Carlisle, Pa.        | Meth. Epis.                | Geo. E. Reed, S. T. D., LL. D.     | 27                 | 468            | 40,000                     |
| 1872            | Doane College†  | Crete, Neb.          | Congregat'l                | David B. Perry, A. M., D. D.       | 8                  | 68             | 7,000                      |
| 1891            | Drake University†   | Des Moines, Iowa.    | Christian.                 | Wm. B. Craig, D. D., LL. D.        | 56                 | 1,259          | 7,000                      |
| 1866            | Drew Theol. Sem.  | Madison, N. J.       | Meth. Epis.                | Henry A. Buttz, D. D., LL. D.      | 20                 | 200            | 50,000                     |
| 1873            | Durham College  | Springfield, Mo.     | Congregat'l                | Homer T. Fuller, Ph. D.            | 21                 | 330            | 25,000                     |
| 1847            | Earlham College   | Richmond, Ind.       | Or. Friends                | Joseph J. Mills, A. M., LL. D.     | 17                 | 241            | 7,000                      |
| 1855            | Elmira College (g)  | Elmira, N. Y.        | Presbyter'n                | Rev. A. C. MacKenzie, D. D.        | 19                 | 114            | 5,000                      |
| 1890            | Elon College  | Elon College, N. C.  | Christian.                 | Rev. W. W. Staley, A. M., D. D.    | 10                 | 125            | 2,000                      |
| 1837            | Emory & Henry Col.  | Emory, Va.           | Methodist.                 | R. G. Waterhouse, M. A., D. D.     | 10                 | 101            | 10,000                     |
| 1836            | Emory College   | Oxford, Ga.          | Meth. Ep. S.               | C. E. Dowman, A. M., D. D.         | 14                 | 329            | 20,000                     |
| 1883            | Emporia College   | Emporia, Kan.        | Presbyter'n                | Rev. J. C. Miller, A. M., D. D.    | 10                 | 108            | 4,000                      |
| 1839            | Erskine College   | Due West, S. C.      | Presbyter'n                | Rev. F. Y. Pressly (Chm. Fac)      | 6                  | 100            | 3,000                      |
| 1855            | Eureka College  | Eureka, Ill.         | Disciples                  | J. H. Hardin, A. M., LL. D.        | 16                 | 210            | 3,200                      |
| 1867            | Ewing College   | Ewing, Ill.          | Baptist.                   | J. A. Leavitt, B. A., D. D.        | 13                 | 250            | 5,500                      |
| 1895            | Fairmont College  | Wichita, Kan.        | Congregat'l                | Rev. N. J. Morrison, DD, LL D      | 20                 | 154            | 18,000                     |
| 1888            | Fargo College   | Fargo, N. Dak.       | Congregat'l                | H. C. Simmons, A. B., D. D.        | 11                 | 155            | 3,000                      |
| 1882            | Findlay College   | Findlay, O.          | Ch. of God.                | Rev. C. Manchester, D. D.          | 13                 | 189            | 1,300                      |
| 1867            | Fisk University (c)   | Nashville, Tenn.     | Congregat'l                | Erastus Milo Cravath, D. D.        | 30                 | 507            | 6,532                      |
| 1881            | Fort Worth Univ.†   | Fort Worth, Tex.     | Meth. Epis.                | Rev. O. L. Fisher, A. M., D. D.    | 47                 | 911            | 5,000                      |
| 1852            | Franklin & Marshall   | Lancaster, Pa.       | Ref. in U. S.              | Rev. J. S. Stahr, Ph. D., D. D.    | 27                 | 332            | 35,000                     |
| 1834            | Franklin College  | Franklin, Ind.       | Baptist.                   | Rev. W. T. Stott, D. D.            | 12                 | 271            | 11,735                     |
| 1825            | Franklin College  | New Athens, O.       | Non-Sect.                  | Rev. W. A. Williams, D. D.         | 12                 | 100            | 3,000                      |
| 1854            | Furman University†  | Greenville, S. C.    | Baptist.                   | A. P. Montague, LL. D.             | 10                 | 181            | 2,000                      |
| 1850            | Gale College  | Galesville, Wis.     | Presbyter'n                | Wm. D. Thomas, D. D., Ph. D.       | 14                 | 99             | 1,000                      |
| 1817            | General Theol Sem   | Manh'n Boro, N. Y.   | Prot. Epis                 | E. A. Hoffman, D. D., Dean.        | 12                 | 150            | 28,844                     |
| 1848            | Geneva College  | Beaver Falls, Pa.    | Ref. Presb.                | W. P. Johnston, A. M., D. D.       | 14                 | 202            | 4,500                      |
| 1829            | Georgetown College  | Georgetown, Ky.      | Baptist.                   | Arthur Yager, Ph. D.               | 21                 | 300            | 12,000                     |
| 1789            | Georgetown Univ.  | Washington, D. C.    | R. Catholic.               | Rev. J. D. Whitney, S. J.          | 110                | 700            | 83,000                     |
| 1848            | Girard College  | Philadelphia, Pa.    | Non-Sect.                  | A. H. Fetterolf, Ph. D., LL. D.    | 67                 | 1,773          | 16,574                     |
| 1850            | Grand River C. U. Col.  | Edinburg, Mo.        | Chris. Union               | Rev. Geo. W. Mitchell, D. D.       | 9                  | 94             | 3,000                      |
| 1866            | Grant University  | Athens, Tenn.†       | Meth. Epis.                | Rev. John H. Race, A. M., D. D.    | 67                 | 785            | 6,000                      |
| 1838            | Greensboro College†   | Greensboro, N. C.    | Meth. Epis.                | Dred Peacock, A. B., A. M.         | 12                 | 150            | 6,000                      |
| 1794            | Gr'nvile & Tusc. Col.†  | Fusculum, Tenn.      | Presbyter'n                | Rev. Jere. Moore, D. D.            | 9                  | 154            | 7,800                      |
| 1891            | Greer College   | Hoopeston, Ill.      | Non-Sect.                  | J. C. McClure, B. S., A. M.        | 4                  | 225            | 2,000                      |
| 1876            | Grove City College  | Grove City, Pa.      | Non-Sect.                  | Rev. I. C. Ketter, Ph. D., D. D.   | 18                 | 623            | 4,000                      |
| 1837            | Guilford College  | Guilford Col., N. C. | Friends                    | Lewis L. Hobbs, A. M.              | 10                 | 219            | 4,800                      |
| 1862            | Gustav. Adolphus C.†  | St. Peter, Minn.     | Lutheran                   | M. Wahlstrom, A. M., Ph. D.        | 19                 | 316            | 7,000                      |
| 1812            | Hamilton College  | Clinton, N. Y.       | Non-Sect.                  | M. W. Stryker, D. D., LL. D.       | 22                 | 164            | 40,000                     |
| 1854            | Hamline Univ.†  | St. Paul, Minn. (g)  | Meth. Epis.                | Rev. G. H. Bridgman, D. D.         | 61                 | 455            | 6,500                      |
| 1776            | Hamden-Sidney Col.  | Hamp.-Sidney, Va.    | Non-Sect.                  | Richard McIlwaine, D. D.           | 9                  | 123            | 15,000                     |
| 1868            | Hampton Inst.† (f)  | Hampton, Va.         | Non-Sect.                  | Rev. H. B. Frissell, D. D.         | 80                 | 992            | 9,532                      |
| 1828            | Hanover College   | Hanover, Ind.        | Presbyter'n                | D. W. Fisher, D. D., LL. D.        | 13                 | 175            | 14,500                     |
| 1834            | Hartford Theol. Sem.†   | Hartford, Ct.        | Congregat'l                | Rev. C. D. Hartrout, D. D.         | 17                 | 70             | 72,000                     |
| 1636            | Harvard University  | Cambridge, Mass.     | Non-Sect.                  | Charles Wm. Eliot, LL. D.          | 442                | 4,067          | 525,000                    |
| 1833            | Haverford College   | Haverford, Pa.       | Friends                    | Isaac Sharpless, Sc. D., LL. D.    | 19                 | 124            | 36,000                     |
| 1855            | Hedding College (g)   | Abingdon, Ill.       | Meth. Epis.                | H. D. Clark, D. D., Ph. D.         | 12                 | 200            | 2,000                      |
| 1850            | Heidelberg Univ.†   | Tiffin, O.           | Ref. in U. S.              | Rev. J. A. Peters, D. D.           | 28                 | 381            | 15,000                     |
| 1884            | Hendrix College   | Conway, Ark.         | Meth. Ep. S.               | Rev. A. C. Millar, A. M.           | 12                 | 142            | 5,300                      |
| 1892            | Henry College   | Campbell, Tex.       | Non-Sect.                  | T. H. Bridges                      | 17                 | 278            |                            |
| 1867            | Highland University†  | Highland, Kan.       | Presbyter'n                | Roy W. Magers, A. M.               | 8                  | 75             | 5,000                      |
| 1855            | Hillsdale College   | Hillsdale, Mich.     | Free Baptist               | George F. Mosher, LL. D.           | 21                 | 383            | 10,000                     |
| 1850            | Hiram College   | Hiram, O.            | Disciples                  | Ely V. Zollars, A. M., LL. D.      | 23                 | 400            | 5,000                      |
| 1849            | Hiwassee College  | Hiwassee, Tenn.      | Non-Sect.                  | Rev. J. E. Lowry                   | 5                  | 75             | 3,000                      |
| 1825            | Hobart College  | Geneva, N. Y.        | Prot. Epis.                | Rev. Robt. E. Jones, D. D.         | 20                 | 90             | 26,439                     |
| 1843            | Holy Cross College.   | Worcester, Mass.     | R. Catholic.               | John F. Leahy, S. J.               | 29                 | 300            | 13,000                     |
| 1866            | Hope College  | Holland, Mich.       | Ref. in Am.                | Gerrit J. Kollen, A. M., LL. D.    | 14                 | 200            | 15,000                     |
| 1841            | Howard College  | East Lake, Ala.      | Baptist.                   | F. M. Roof, A. B., A. M.           | 9                  | 133            | 1,500                      |
| 1890            | Howard Payne Coll.†   | Brownwood, Tex.      | Baptist.                   | J. H. Grove, M. S. D., A. M.       | 10                 | 230            | 2,000                      |
| 1867            | Howard University†  | Washington, D. C.    | Non-Sect.                  | J. E. Rankin, D. D., LL. D.        | 50                 | 700            | 15,000                     |
| 1898            | Huron College   | Huron, S. Dak.       | Presbyter'n                | Rev. C. H. French, M. A.           | 10                 | 167            | 1,500                      |
| 1829            | Illinois College  | Jacksonville, Ill.   | Non-Sect.                  | M. E. Churchill, A. M. (Act. Pr.)  | 15                 | 239            | 10,000                     |
| 1851            | Ill. Wesleyan U.† (g)   | Bloomington, Ill.    | Meth. Epis.                | Edgar M. Smith                     | 41                 | 1,320          | 10,000                     |
| 1820            | Indiana University†   | Bloomington, Ind.    | Non-Sect.                  | Joseph Swain, LL. D.               | 63                 | 1,050          | 33,000                     |
| 1847            | Iowa College  | Grinnell, Iowa.      | Congregat'l                | Rev. George A. Gates, D. D.        | 33                 | 479            | 26,000                     |
| 1868            | Iowa State College†   | Ames, Iowa.          | Non-Sect.                  | W. M. Beardshere, LL. D.           | 70                 | 744            | 12,460                     |
| 1844            | Iowa Wesleyan Univ.†  | Mt. Pleasant, Iowa   | Meth. Epis.                | Rev. F. D. Blakelee, D. D.         | 20                 | 402            | 4,000                      |
| 1883            | John B. Stetson Un.†  | De Land, Fla.        | Baptist.                   | John F. Forbes, A. M., Ph. D.      | 27                 | 300            | 10,000                     |
| 1876            | Johns Hopkins U. (a)  | Baltimore, Md.       | Non-Sect.                  | Daniel C. Gilman, LL. D.           | 126                | 650            | 90,000                     |
| 1855            | Kalamazoo College   | Kalamazoo, Mich.     | Baptist.                   | A. G. Sloum, I. L. D.              | 13                 | 218            | 6,735                      |
| 1886            | Kansas Wesleyan U.†   | Salina, Kan.         | Meth. Epis.                | F. D. Tubbs, A. M. (Act. Pres.)    | 18                 | 580            | 3,000                      |
| 1836            | Kentucky Univ.† (g)   | Lexington, Ky. (g)   | Christian.                 | Rev. Reuben L. Cave, D. D.         | 15                 | 361            | 14,272                     |
| 1360            | Ky. Wesleyan Col.†  | Winchester, Ky.      | Meth. Ep. S.               | Rev. Eugene H. Pearce, D. D.       | 6                  | 125            | 2,000                      |
| 1826            | Kenyon College  | Gambier, O.          | Prot. Epis.                | Rev. W. F. Peirce, M. A. LHD       | 25                 | 204            | 32,000                     |
| 1892            | Keuka College   | Keuka Col., N. Y.    | Free Bapt.                 | Rev. Geo. H. Ball, A. M., D. D.    | 10                 | 150            | 1,600                      |

| ORGAN-<br>IZED. | Colleges—Table One.<br>For explanation of signs, see<br>page 311. | Location.                | Denominational<br>Control. | President or Chairman of Faculty.   | Instru-<br>ctors.* | Stu-<br>dents.* | Vol-<br>umes in<br>Library |
|-----------------|---|--------------------------|----------------------------|-------------------------------------|--------------------|-----------------|----------------------------|
| 1867            | King College.....   | Bristol, Tenn.....       | Presbyter'n                | Rev. A. G. Buckner, A. B..          | 5                  | 75              | 2,000                      |
| 1837            | Knox College.....   | Galesburg, Ill.....      | Non-Sect.                  |                                     | 25                 | 673             | 3,000                      |
| 1881            | La Fayette College.....   | La Fayette, Ala.....     | Non-Sect.                  | Geo. R. McNeill, A. M., Ph. D.      | 8                  | 200             | 200                        |
| 1832            | Lafayette College.....  | Easton, Pa.....          | Presbyter'n                | E. D. Warfield, LL. D.....          | 28                 | 300             | 13,000                     |
| 1858            | La Grange College.....  | La Grange, Mo.....       | Baptist.....               | Jere. F. Muir, LL. D., A. M.....    | 14                 | 150             | 500                        |
| 1857            | Lake Forest Univ. t.....  | Lake Forest, Ill. (p)    | Presbyter'n                | James G. K. McClure, D. D.....      | 125                | 1,389           | 1,426                      |
| 1829            | Lane Theol. Seminary.....   | Cincinnati, O.....       | Presbyter'n                | Rev. David T. Schaff, D. D.....     | 6                  | 30              | 13,000                     |
| 1867            | La Salle College.....   | Philadelphia, Pa.....    | R. Catholic.               | Rev. Bro. Isidore, F. S. C.....     | 15                 | 213             | 6,000                      |
| 1847            | Lawrence Univ. t.....   | Appleton, Wis.....       | Meth. Epis.                | Samuel Plapp, Ph. D., D. D.....     | 22                 | 398             | 16,210                     |
| 1866            | Lebanon Valley Col. t.....  | Annyville, Pa.....       | U. Brethren.               | Rev. H. U. Root, A. M., Ph. D.....  | 21                 | 300             | 10,000                     |
| 1866            | Lehigh University.....  | S. Bethlehem, Pa.....    | Non-Sect.                  | Thomas M. Brown, LL. D.....         | 37                 | 411             | 100,000                    |
| 1891            | Leland Stanford, Jr. t.....                                       | Palo Alto, Cal.....      | Non-Sect.                  | David Starr Jordan, LL. D.....      | 115                | 1,153           | 44,694                     |
| 1870            | Leland University t.....  | New Orleans, La.....     | Non-Sect.                  | Edward C. Mitchell, D. D.....       | 21                 | 688             | 1,500                      |
| 1891            | Lenoir College.....   | Hickory, N. C.....       | Lutheran                   | Rev. R. A. Yoder, D. D.....         | 8                  | 130             | 300                        |
| 1856            | Lenox College.....  | Hopkinton, Iowa.....     | Presbyter'n                | Andrew G. Wilson, A. M.....         | 11                 | 145             | 4,000                      |
| 1874            | Liberty College.....  | Glasgow, Ky.....         | Baptist.....               | Rev. J. H. Burnett, A. M.....       | 11                 | 165             | 1,000                      |
| 1893            | Lima College.....   | Lima, O.....             | Lutheran                   | Rev. S. P. Long, A. M.....          | 10                 | 291             | 1,000                      |
| 1865            | Lincoln University.....   | Lincoln, Ill.....        | Cumb. Pres.                | Archelaus E. Turner, A. M.....      | 11                 | 188             | 2,500                      |
| 1832            | Livingstone College t.....  | Salisbury, N. C.....     | Afric. Meth.               | Wm. H. Goler, D. D.....             | 14                 | 250             | 5,000                      |
| 1851            | Lombard College.....  | Galesburg, Ill.....      | Universalist               | Charles E. Nash, A. M., D. D.....   | 13                 | 173             | 7,000                      |
| 1860            | Louisiana State Univ. t.....                                      | Baton Rouge, La.....     | Non-Sect.                  | Thomas D. Boyd, M. A.....           | 21                 | 326             | 21,000                     |
| 1885            | Macalester College.....   | St. Paul, Minn.....      | Presbyter'n                | James Wallace, Ph. D.....           | 10                 | 135             | 7,000                      |
| 1863            | Manhattan College.....  | Manh'n Boro, N. Y.....   | R. Catholic.               | Rev. Bro. Justin, LL. D.....        | 36                 | 716             | 9,352                      |
| 1835            | Marietta College.....   | Marietta, O.....         | Non-Sect.                  | J. H. Chamberlin, Ph. D. (Dean)     | 20                 | 255             | 65,000                     |
| 1819            | Maryville College.....  | Maryville, Tenn.....     | Presbyter'n                | S. W. Boardman, D. D., LL. D.....   | 16                 | 330             | 11,000                     |
| 1863            | Mass. Agric. Coll. t.....   | Amherst, Mass.....       | Non-Sect.                  | Henry H. Goodell, LL. D.....        | 19                 | 130             | 19,500                     |
| 1865            | Mass. Inst. Techn'gy t.....                                       | Boston, Mass.....        | Non-Sect.                  | James M. Crafts, S. B., LL. D.....  | 128                | 1,209           | 50,149                     |
| 1830            | McCormick Th. S. (g)  | Chicago, Ill.....        | Presbyter'n                | B. L. Hobson, D. D. (Act. Chm.)     | 9                  | 170             | 20,000                     |
| 1828            | McKendree College.....  | Lebanon, Ill.....        | Meth. Epis.                | McK. H. Chamberlin, LL. D.....      | 15                 | 298             | 8,000                      |
| 1858            | McMinnville College.....  | McMinnville, Ore.....    | Baptist.....               | H. L. Boardman, A. M.....           | 7                  | 125             | 2,500                      |
| 1837            | Mercer University.....  | Macon, Ga.....           | Baptist.....               | P. D. Pollock, LL. D.....           | 16                 | 260             | 15,000                     |
| 1824            | Miami University.....   | Oxford, O.....           | Non-Sect.                  | Rev. David S. Tappan, D. D.....     | 15                 | 132             | 15,000                     |
| 1857            | Mich. Agric. College.....   | Lansing, Mich.....       | Non-Sect.                  | J. L. Snyder, M. A., Ph. D.....     | 45                 | 550             | 21,000                     |
| 1800            | Middlebury College.....   | Middlebury, Vt.....      | Non-Sect.                  | Ezra Brainerd, LL. D.....           | 10                 | 122             | 23,383                     |
| 1887            | Midland College.....  | Atchison, Kan.....       | Lutheran                   | Rev. Jacob A. Clutz, D. D.....      | 14                 | 182             | 6,000                      |
| 1882            | Milligan College.....   | Milligan, Tenn.....      | Christian                  | Josephus Hopwood, A. M.....         | 9                  | 193             | 2,000                      |
| 1871            | Mills College.....  | Seminary Park, Cal.....  | Non-Sect.                  | Mrs. C. T. Mills.....               | 26                 | 160             | 6,000                      |
| 1892            | Millsaps College.....   | Jackson, Miss.....       | Meth. Epis.                | Wm. B. Murrah, D. D., LL. D.....    | 13                 | 200             | 5,000                      |
| 1867            | Milton College.....   | Milton, Wis.....         | 7th Day Bap.               | W. C. Whitford, A. M., D. D.....    | 8                  | 132             | 4,750                      |
| 1880            | Miss. Ag. & Mech. Col. t.....                                     | Agric. Col., Miss.....   | Non-Sect.                  | J. M. Stone.....                    | 20                 | 328             | 6,700                      |
| 1850            | Mississippi College.....  | Clinton, Miss.....       | Baptist.....               | Rev. W. T. Lowrey, D. D., A. M..... | 8                  | 193             | 3,000                      |
| 1889            | Missouri Valley Col. t.....                                       | Marshall, Mo.....        | Cumb. Pres.                | William H. Black, D. D.....         | 13                 | 205             | 5,025                      |
| 1856            | Monmouth Coll. t (g)  | Monmouth, Ill.....       | United Pres.               | Samuel R. Lyons, D. D.....          | 20                 | 300             | 6,000                      |
| 1853            | Moore's Hill Col. t.....  | Moore's Hill, Ind.....   | Meth. Epis.                | Chas. W. Lewis, D. D.....           | 8                  | 173             | 5,000                      |
| 1866            | Morgan College t.....   | Baltimore, Md.....       | Meth. Epis.                | Rev. F. J. Wagner, A. M., D. D..... | 9                  | 100             | 5,000                      |
| 1894            | Morningside Coll. t (g)   | Sioux City, Iowa.....    | Methodist                  | W. S. Lewis, D. D.....              | 13                 | 230             | 1,500                      |
| 1881            | Morris Brown College.....   | Atlanta, Ga.....         | Methodist                  | Rev. J. M. Henderson, A. M.....     | 15                 | 422             | 1,500                      |
| 1872            | Morrisville College.....  | Morrisville, Mo.....     | Meth. Epis.                | J. J. Pritchett, A. M., LL. D.....  | 10                 | 146             | 4,200                      |
| 1887            | Mount Angel College.....  | Mount Angel, Ore.....    | R. Catholic.               | F. Dominic, O. S. B.....            | 17                 | 125             | 6,000                      |
| 1837            | Mt. Holyoke College.....  | S. Hadley, Mass.....     | Non-Sect.                  | Mrs. E. Storrs Mead, A. M.....      | 49                 | 540             | 18,600                     |
| 1808            | Mt. St. Mary's College.....                                       | Emmitsburg, Md.....      | R. Catholic.               | Very Rev. W. O'Hara, A. M.....      | 36                 | 200             | 25,000                     |
| 1846            | Mt. Union College.....  | Alliance, O.....         | Meth. Epis.                | Albert B. Riker, D. D., A. M.....   | 23                 | 453             | 4,000                      |
| 1867            | Muhlenberg College.....   | Allentown, Pa.....       | Lutheran                   | Rev. Theo. L. Seip, D. D.....       | 12                 | 155             | 10,500                     |
| 1837            | Muskingum College.....  | New Concord, O.....      | United Pres.               | Rev. Jesse Johnson, D. D.....       | 15                 | 133             | 3,281                      |
| 1887            | Neb. Wesleyan Univ. t.....  | University Pl., Neb..... | Meth. Epis.                | D. W. C. Huntington, D. D.....      | 30                 | 450             | 3,000                      |
| 1886            | Nevada State Univ. t.....   | Reno, Nev.....           | Non-Sect.                  | Joseph E. Stubbs, D. D., LL. D..... | 23                 | 331             | 7,093                      |
| 1856            | Newberry College.....   | Newberry, S. C.....      | Lutheran.                  | Geo. B. Cromer, A. M.....           | 8                  | 165             | 8,000                      |
| 1873            | New Orleans U. t (g)  | New Orleans, La.....     | Meth. Epis.                | L. G. Adkinson, A. M., D. D.....    | 22                 | 364             | 5,000                      |
| 1825            | Newton Theol. Inst.....   | Newton Centre, Mas.....  | Baptist.....               | Rev. Nathan E. Wood, D. D.....      | 9                  | 69              | 23,000                     |
| 1831            | New York Univ. (w)  | New York City (w)        | Non-Sect.                  | H. M. McCracken, D. D., LL. D.....  | 142                | 1,735           | 49,945                     |
| 1856            | Niagara University.....   | Niagara Falls, N. Y..... | R. Catholic.               | Rev. Patrick McHale, C. M.....      | 20                 | 200             | 10,000                     |
| 1859            | North Carolina Col.....   | Mt. Pleasant, N. C.....  | Lutheran.                  | E. Bowers, A. M. (Act. Pres.)       | 4                  | 52              | 4,000                      |
| 1861            | Northern Ill. Col. t.....   | Fulton, Ill.....         | Non Sect.                  | J. E. Bittinger, A. M.....          | 12                 | 180             | 3,400                      |
| 1892            | Nor' west Missouri C. t.....                                      | Albany, Mo.....          | Meth. South                | G. H. Burr, A. M.....               | 6                  | 50              | 1,000                      |
| 1861            | Northwestern Coll. t.....   | Naperville, Ill.....     | Evangelical                | Rev. H. J. Kiekhoefer, A. M.....    | 18                 | 380             | 5,000                      |
| 1855            | Nor' west' n Univ. t (g)  | Evanson, Ill.....        | Meth. Epis.                | Henry W. Rogers, LL. D.....         | 222                | 2,019           | 38,582                     |
| 1865            | Nor' west' n Univ. t (g)  | Watertown, Wis.....      | Lutheran.                  | A. F. Ernst.....                    | 8                  | 136             | 3,709                      |
| 1861            | Norwegian Luth. Coll.....   | Decorah, Iowa.....       | Lutheran.                  | Rev. Laur. Larsen.....              | 9                  | 173             | 9,291                      |
|                 | Notre Dame Univ.....  | See "University of       | Notre Dame                 |                                     |                    |                 |                            |
| 1833            | Oberlin College.....  | Oberlin, O.....          | Non-Sect.                  | John H. Barrows, D. D.....          | 78                 | 1,244           | 52,500                     |
| 1877            | Ogden College.....  | Bowling Gr'n, Ky.....    | Non Sect.                  | Wm. A. Obenchain, A. M.....         | 5                  | 76              | 3,500                      |
| 1870            | Ohio State Univ. t.....   | Columbus, O.....         | Non-Sect.                  | W. O. Thompson, D. D., LL. D.....   | 114                | 1,125           | 28,842                     |
| 1804            | Ohio University.....  | Athens, O.....           | Non-Sect.                  | Chas. W. Super, Ph. D., LL. D.....  | 20                 | 350             | 16,000                     |
| 1844            | Ohio Wesleyan Univ. t.....  | Delaware, O.....         | Meth. Epis.                | J. W. Bashford, Ph. D., D. D.....   | 94                 | 1,315           | 35,000                     |
| 1844            | Olivet College (g).....   | Olivet, Mich.....        | Congregat' l               | Rev. Willard G. Sperry, D. D.....   | 23                 | 250             | 26,000                     |
| 1865            | Ottawa University.....  | Ottawa, Kan.....         | Baptist.....               | J. D. S. Riggs, A. M., Ph. D.....   | 20                 | 501             | 3,500                      |
| 1847            | Otterbein Univ. t.....  | Westerville, O.....      | U. Brethren.               | T. J. Sanders, A. M., Ph. D.....    | 20                 | 258             | 9,000                      |
| 1886            | Ouachita Bapt. Coll. t.....                                       | Arkadelphia, Ark.....    | Baptist.....               | John W. Conger, A. B., A. M.....    | 24                 | 401             | 3,500                      |
| 1847            | Oxford College.....   | Oxford, O.....           | Presbyter'n                | Rev. Faye Walker, D. D., A. M.....  | 25                 | 140             | 4,000                      |
| 1891            | Pacific College.....  | Newberg, Ore.....        | Friends.....               | Thomas Newlin, A. M.....            | 8                  | 125             | 506                        |
| 1848            | Pacific University t (g)  | Forest Grove, Ore.....   | Congregat' l               | Thomas McClelland, D. D.....        | 13                 | 216             | 9,300                      |
| 1875            | Park College.....   | Parkville, Mo.....       | Presbyter'n                | L. M. McAfee (Act. Pres.).....      | 23                 | 378             | 12,000                     |
| 1875            | Parsons College.....  | Fairfield, Iowa.....     | Presbyter'n                | Rev. D. E. Jenkins, Ph. D.....      | 13                 | 200             | 5,000                      |

| ORGAN-<br>IZED. | Colleges—Table One.<br>For explanation of signs, see<br>page 311. | Location.           | Denominations<br>Control. | President or Chairman of Faculty. | Instruc-<br>tors.* | Stu-<br>dents* | Vol-<br>umes<br>in<br>Library |
|-----------------|---|---------------------|---------------------------|-----------------------------------|--------------------|----------------|-------------------------------|
| 1873            | Penn College†   | Oskaloosa, Iowa.    | Friends                   | A. Rosenberger, A. B., LL. D.     | 12                 | 357            | 5,000                         |
| 1832            | Pennsylvania Coll. †  | Gettysburg, Pa.     | Lutheran.                 | H. W. McKnight, D. D., LL. D.     | 16                 | 253            | 24,000                        |
| 1862            | Penna Military Col.   | Chester Pa.         | Non-Sect.                 | Col. Chas E. Hyatt, C. E.         | 15                 | 137            | 1,500                         |
| 1859            | Penna. State Coll. †  | State College, Pa.  | Non-Sect.                 | Geo. W Atherton, LL. D.           | 38                 | 324            | 15,800                        |
| 1876            | Philander Smith Coll. †   | Little Rock, Ark.   | Meth. Epis.               | Rev James M. Cox, A. M.           | 15                 | 324            | 1,000                         |
| 1866            | Philomath Colleget.   | Philomath, Ore.     | U. Brethren               | P. O. Bonebrake, A. M.            | 7                  | 121            | 2,500                         |
| 1881            | Pike Colleget (q)   | Bowling Green, Mo   | Non-Sect.                 | R. E. Downing, A. M.              | 9                  | 165            | 600                           |
| 1891            | Polytechnic Colleget  | Fort Worth, Tex.    | Meth. Ep. S               | Henry S. Snow, LL. M.             | 12                 | 361            | 1,800                         |
| 1854            | Polytechnic Institute.  | Brooklyn, N. Y.     | Non-Sect.                 | Geo. Whitaker, A. M., D. D.       | 47                 | 700            | 9,000                         |
| 1891            | Portland University†  | Portland Ore.       | Meth. Epis.               | Charles M. Pratt.                 | 22                 | 340            | 1,100                         |
| 1887            | Pratt Institutet.   | Brooklyn, N. Y.     | Non-Sect.                 | Almon E. Spencer, B. A., M. A.    | 134                | 2,874          | 67,906                        |
| 1880            | Presbyterian Col. S. C.†  | Clinton, S. C.      | Presbyter'n               | W. H. Green, D. D. (Act. Pres.)   | 6                  | 55             | 1,500                         |
| 1812            | Princeton Theol. Sem.   | Princeton, N. J.    | Presbyter'n               | F. L. Patton, D. D., LL. D.       | 12                 | 192            | 63,000                        |
| 1746            | Princeton University  | Princeton, N. J.    | Non-Sect.                 | Rev. D. I. Irlan                  | 85                 | 1,100          | 140,000                       |
| 1871            | Proseminar College  | Elmhurst, Ill.      | Evangelical               | James H. Smart, A. M., LL. D.     | 8                  | 90             | 3,500                         |
| 1874            | Purdue University†  | Lafayette, Ind.     | Non-Sect.                 | Henry D. Robinson, M. A.          | 66                 | 751            | 9,000                         |
| 1852            | Racine College.   | Racine, Wis.        | Prot. Epis.               | Mrs. Elizabeth C. Agassiz.        | 6                  | 67             | 10,000                        |
| 1879            | Radcliffe Colleget.   | Cambridge, Mass.    | Non-Sect.                 | Rev. Wm. G. Starr, A. M., D. D.   | 100                | 420            | 14,000                        |
| 1832            | Randolph-Macon Col  | Ashland, Va. (l.)   | Meth. Epis.               | Rev. E. P. Robertson              | 12                 | 127            | 8,500                         |
| 1891            | Red River Val. Univ.†   | Wahpeton, N. Dak    | Meth. Epis.               | John Hudson Peck, LL. D.          | 7                  | 152            | 1,600                         |
| 1824            | Rensselaer Poly. Inst.  | Troy, N. Y.         | Non-Sect.                 | G. W. MacMillan, D. D., Ph. D.    | 17                 | 165            | 6,000                         |
| 1835            | Richmond Colleget.  | Richmond, O.        | Non-Sect.                 | F. W. Boatwright, M. A.           | 7                  | 100            | 2,000                         |
| 1832            | Richmond Colleget.  | Richmond, Va.       | Baptist.                  | Rev. J. M. Davis, A. M., D. D.    | 18                 | 269            | 13,900                        |
| 1876            | Rio Grande Colleget.  | Rio Grande, O.      | Free Bapt                 | Rev. Rufus C. Flagg, D. D.        | 7                  | 150            | 1,200                         |
| 1851            | Ripon Colleget  | Ripon, Wis.         | Non-Sect.                 | J. D. Dreher, A. M., Ph. D.       | 16                 | 163            | 10,000                        |
| 1853            | Roanoke College.  | Salem, Va.          | Lutheran.                 | Rev. Brother Abraham              | 11                 | 120            | 22,400                        |
| 1856            | Rock Hill College.  | Ellicott City, Md   | R. Catholic               | Rev. P. B. Gurnsey, A. M.         | 20                 | 150            | 6,000                         |
| 1863            | Roger Williams U. †   | Nashville, Tenn     | Baptist                   | Rev. G. M. Ward, A. M., LL. B.    | 14                 | 220            | 5,000                         |
| 1885            | Rollins Colleget.   | Winter Park, Fla    | Non-Sect.                 | C. Leo Mees, Ph. D.               | 20                 | 200            | 5,000                         |
| 1883            | Rose Polytechnic Inst   | Terre Haute, Ind    | Non-Sect.                 | Austin Scott, Ph. D., LL. D.      | 20                 | 120            | 10,000                        |
| 1766            | Rutgers College   | N Brunswick, N. J   | Dutch Ref d               | See note "e," on page 311.        | 28                 | 185            | 40,000                        |
| 1853            | Rutherford Col. † (c)   | Ruth'f'd Col., N C  | Non-Sect.                 | See note "k," on page 311.        | 7                  | 33             | 19,000                        |
| 1871            | San Fran. Theol. Sem  | San Anselmo, Cal    | Presbyter'n               | J. H. Beal, Sc. D., Ph. B.        | 17                 | 406            | 5,000                         |
| 1866            | Scio Colleget.  | Scio, O.            | Meth. Epis                | Rev. D. J. Satterfield, D. D.     | 18                 | 291            | 1,800                         |
| 1870            | Scotia Seminary†  | Concord, N. C.      | Presbyter'n               | Rev. John A. Stafford, S. T. L.   | 15                 | 160            | 40,000                        |
| 1856            | Seton Hall College.   | South Orange, N. J  | R. Catholic               | Charles F. Meserve, LL. D.        | 24                 | 373            | 15,500                        |
| 1865            | Shaw University†  | Raleigh, N. C.      | Baptist.                  | Rev. A. Kendrick (Act. Pr.)       | 12                 | 200            | 10,000                        |
| 1827            | Shurtleff Colleget.   | Upper Alton, Ill    | Baptist.                  | Charles E. Shelton, A. M.         | 18                 | 432            | 2,000                         |
| 1867            | Simpson Colleget  | Indianola, Iowa     | Meth. Epis                | L. Clark Seelye, D. D., LL. D.    | 66                 | 1,122          | 37,000                        |
| 1871            | Smith College.  | Northampton, Mass   | Non-Sect.                 | F. C. Woodward, Litt. D.          | 12                 | 185            | 3,000                         |
| 1801            | South Carolina Coll. †  | Columbia, S. C.     | Non-Sect.                 | Rev. W. I. Graham, D. D.          | 13                 | 264            | 2,000                         |
| 1833            | South Dakota U. (q)   | Mitchell, S. Dak.   | Meth. Epis.               | Wm. H. Whitsett, D. D., LL. D.    | 11                 | 280            | 25,000                        |
| 1859            | S'th'n Bap. Theo. S. (q)  | Louisville, Ky.     | Baptist.                  | Rev. S. M. Hosmer, D. D.          | 9                  | 154            | 9,000                         |
| 1856            | Southern University†  | Greensboro, Ala.    | Meth. Ep. S.              | Saml. S. Woolwine                 | 8                  | 190            | 600                           |
| 1849            | So Kentucky Coll. (q)   | Hopkinstown, Ky.    | Christian                 | G. M. Savage, A. M., LL. D.       | 21                 | 273            | .....                         |
| 1847            | Southwe'n Bap. Un. †  | Jackson, Tenn.      | Baptist.                  | George Summey, D. D.              | 13                 | 140            | 8,000                         |
| 1875            | Southwe'n Pres. Univ.   | Clarksville, Tenn   | Presbyter'n               | Robert S. Hyer, A. M.             | 22                 | 426            | 2,000                         |
| 1873            | Southwestern Univ. †  | Georgetown, Tex     | Meth. Ep. S.              | Wm. H. Rose, A. M., D. D.         | 18                 | 330            | 2,000                         |
| 1886            | Southwest Kansas C. †   | Winfield, Kan.      | Meth. Epis.               | Very Rev. Wm. Tyrrell, S. J.      | 26                 | 140            | 50,000                        |
| 1830            | Spring Hill College.  | Spring Hill, Ala.   | R. Catholic               | George E. MacLean, LL. D.         | 102                | 1,351          | 20,000                        |
| 1847            | State Univ. of Iowa†  | Iowa City, Iowa     | Non-Sect.                 | Rev. Chas. L. Purce, D. D.        | 20                 | 195            | 500                           |
| 1879            | State Univ. of Ky. †  | Louisville, Ky.     | Baptist.                  | Rt. Rev. I. Wolf, D. D.           | 29                 | 130            | 14,000                        |
| 1852            | St. Benedict's College.   | Atchison, Kan.      | R. Catholic.              | Rev. C. B. Schrantz, S. S. A. M.  | 18                 | 240            | 13,400                        |
| 1848            | St. Charles College.  | Ellicott City, Md.  | R. Catholic.              | Rev. John T. Boland, C. S. C.     | 15                 | 150            | 10,000                        |
| 1888            | St. Edward's College.   | Austin, Tex.        | R. Catholic.              | Rev. T. E. Murphy, S. J.          | 31                 | 736            | 50,000                        |
| 1847            | St. Francis Xavier C.   | Manh'n Boro, N. Y.  | R. Catholic.              | Henry Morton, Ph. D., LL. D.      | 21                 | 229            | 9,800                         |
| 1871            | Stevens Inst. of Tech.  | Hoboken, N. J.      | Non-Sect.                 | Thomas Fell, Ph. D., LL. D.       | 13                 | 149            | 9,000                         |
| 1789            | St. John's College.   | Annapolis, Md.      | Non-Sect.                 | Rev. Bro. Obdas, F. S. C.         | 14                 | 160            | 4,000                         |
| 1868            | St. John's College.   | Washington, D. C.   | R. Catholic.              | Rev. T. J. Campbell, S. J.        | 29                 | 222            | 37,000                        |
| 1841            | St. John's College.   | Fordham, N. Y. C.   | R. Catholic.              | Rt. Rev. Peter Engel, Ph. D.      | 23                 | 239            | 14,000                        |
| 1857            | St. John's University.  | Collegeville, Minn. | R. Catholic.              | Rev. Almon Gunnison, D. D.        | 13                 | 140            | 12,353                        |
| 1856            | St. Lawrence Univ. †  | Canton, N. Y.       | Universalist              | Rev. J. F. X. Hoefler, S. J.      | 27                 | 463            | 40,000                        |
| 1829            | St. Louis University.   | St. Louis, Mo.      | R. Catholic               | Rev. James McCabe, S. J.          | 30                 | 270            | 9,000                         |
| 1869            | St. Mary's College.   | St. Mary's, Kan.    | R. Catholic.              | Rev. John Fehrenbach, D. D.       | 10                 | 90             | 4,000                         |
| 1821            | St. Mary's College.   | St. Mary's, Ky.     | R. Catholic.              | Rev. Th. N. Mohr                  | 12                 | 125            | 2,500                         |
| 1874            | St. Olaf Colleget (q)   | Northfield, Minn    | Lutheran                  | Rev. C. W. Hertzler, A. M.        | 6                  | 89             | 1,200                         |
| 1889            | St. Paul's Colleget   | St. Paul Park, Min. | Meth. Epis.               | Rev. Lawrence T. Cole, Ph. D.     | 8                  | 51             | 16,768                        |
| 1860            | St. Stephen's College.  | Annandale, N. Y.    | Prot. Epis.               | Rev. J. A. Linn, C. M.            | 15                 | 100            | 3,000                         |
| 1868            | St. Vincent's College.  | Los Angeles, Cal    | R. Catholic.              | Wm. W. Birdsall, A. M.            | 23                 | 207            | 18,700                        |
| 1869            | Swarthmore Colleget   | Swarthmore, Pa.     | Friends.                  | Rev. J. R. Day, S. T. D., LL. D.  | 130                | 1,250          | 47,000                        |
| 1871            | Syracuse University†  | Syracuse, N. Y.     | Meth. Epis.               | Rev. Rich'd C. Hughes, A. M.      | 15                 | 186            | 8,277                         |
| 1866            | Tabor Colleget.   | Tabor, Iowa.        | Congregat'l               | G. W. Andrews (Act. Pres.)        | 22                 | 572            | 6,000                         |
| 1867            | Talladega Colleget (c)  | Talladega, Ala.     | Congregat' l              | Rev. J. A. Thompson, D. D.        | 14                 | 251            | 1,094                         |
| 1883            | Tarkio Colleget.  | Tarkio, Mo.         | Un. Presb.                | Rev. T. C. Reade, A. M., D. D.    | 23                 | 475            | 3,000                         |
| 1847            | Taylor University†  | Upland, Ind.        | Meth. Epis.               | Seth Low, LL. D.                  | 78                 | 2,042          | 12,200                        |
| 1889            | Teachers' Colleget †  | Manh'n Boro, N. Y.  | Non-Sect.                 | Theophilus B. Roth, D. D.         | 10                 | 136            | 8,000                         |
| 1870            | Thiel Colleget  | Greenville, Pa.     | Lutheran                  | Walter A. Edwards, A. M.          | 21                 | 300            | 1,700                         |
| 1891            | Throop Poly. Inst. †  | Pasadena, Cal.      | Non-Sect.                 | John C. Kilgo, D. D., A. M.       | 25                 | 233            | 13,000                        |
| 1854            | Trinity Colleget.   | Durham, N. C.       | Meth. Ep. S.              | Geo. W. Smith, D. D., LL. D.      | 20                 | 125            | 40,000                        |
| 1823            | Trinity College.  | Hartford, Ct.       | Prot. Epis.               | L. A. Johnson (Chm. of Fac.)      | 1                  | 245            | 3,000                         |
| 1869            | Trinity University (q)  | Huachuca, Tex       | Cumb. Pres.               | Elmer Hewitt Capen, D. D.         | 123                | 600            | 43,000                        |
| 1855            | Tufts Colleget.   | Tufts Coll., Mass.  | Universalist              | W. O. Rogers, LL. D. (Act. Pr.)   | 77                 | 970            | 25,000                        |
| 1834            | Tulane University (n)   | New Orleans, La.    | Non-Sect.                 |                                   |                    |                |                               |



| Original<br>Entry | Colleges—Table One.<br>For explanation of signs, see<br>page 311. | Location.             | Denominational<br>Control. | President or Chairman of Faculty. | Instruc-<br>tors.* | Stu-<br>dents.* | Vol-<br>umes in<br>Library |
|-------------------|---|-----------------------|----------------------------|-----------------------------------|--------------------|-----------------|----------------------------|
| 1859              | Union Christ'n Coll. †  | Merom, Ind. ....      | Christian                  | Rev. L. J. Aldrich, A. M., D. D.  | 13                 | 210             | 2,900                      |
| 1886              | Union Colleger. ....  | Barbourville, Ky.     | Meth. Epis.                | James P. Faulkner, A. M.,         | 7                  | 120             | 1,061                      |
| 1891              | Union Colleger. ....  | College View, Neb.    | Non-Sect.                  | W. T. Bland.                      | 27                 | 425             | 5,000                      |
| 1795              | Union College. ....   | Schenectady, N. Y.    | Non-Sect.                  | Rev. A. V. V. Raymond, D. D.      | 21                 | 186             | 82,608                     |
| 1836              | Union Theol. Sem. †   | Manh'n Bor'o, N. Y.   | Independ't.                | Rev. Chas. Outbert Hall.          | 14                 | 119             | 75,000                     |
| 1831              | Univ. of Alabamat.  | Tuscaloosa, Ala. †    | Non-Sect.                  | James K. Powers, LL. D.           | 38                 | 355             | 25,000                     |
| 1891              | Univ. of Arizona†   | Tucson, Ariz.         | Non-Sect.                  | Millard M. Parker, A. M.          | 13                 | 150             | 4,000                      |
| 1872              | Univ. of Arkansas†  | Fay'leville, Ark. (g) | Non-Sect.                  | J. L. Buchanan, A. M., LL. D.     | 65                 | 882             | 10,000                     |
| 1868              | Univ. of Californiat.   | Berkeley, Cal.        | Non-Sect.                  | Benj. Ide Wheeler, LL. D.         | 301                | 2,525           | 79,124                     |
| 1890              | Univ. of Chicagof.  | Chicago, Ill. ....    | Non-Sect.                  | Wm. R. Harper, Ph. D., D. D.      | 235                | 2,959           | 340,000                    |
| 1819              | Univ. of Cincinnati†  | Cincinnati, O. ....   | Non-Sect.                  | Howard Ayers, LL. D.              | 90                 | (2) 487         | 20,000                     |
| 1877              | Univ. of Coloradof.   | Boulder, Col.         | Non-Sect.                  | Jas. H. Baker, M. A., LL. D.      | 105                | 775             | 21,107                     |
| 1864              | Univ. of Denver†  | Denver, Col.          | Meth. Epis.                | Wm. F. McDowell, S. T. D.         | 105                | 607             | 11,000                     |
| 1785              | Univ. of Georgia †  | Athens, Ga. †         | Non-Sect.                  | Walter B. Hill, A. M., Chan.      | \$524              | \$5268          | 30,000                     |
| 1889              | Univ. of Idaho†   | Moscow, Idaho.        | Non-Sect.                  | Jos. P. Blanton, A. M., LL. D.    | 22                 | 200             | 4,000                      |
| 1868              | Univ. of Illinois†  | Urbana, Ill. (g)      | Non-Sect.                  | Andrew S. Draper, LL. D.          | 252                | 2,850           | 50,000                     |
| 1866              | Univ. of Kansas†  | Lawrence, Kan.        | Non-Sect.                  | F. H. Snow, Ph. D., LL. D.        | 70                 | 1,087           | 31,000                     |
| 1865              | Univ. of Maine†   | Orono, Me.            | Non-Sect.                  | Abraham W. Harris, Sc. D.         | 50                 | 855             | 15,233                     |
| 1837              | Univ. of Michigant.   | Ann Arbor, Mich.      | Non-Sect.                  | James B. Angell, LL. D.           | 197                | 3,192           | 133,206                    |
| 1869              | Univ. of Minnesotaf.  | Minneapolis, Minn.    | Non-Sect.                  | Cyrus Northrop, LL. D.            | 245                | 3,200           | 62,000                     |
| 1848              | Univ. of Mississipit (g)  | University, Miss.     | Non-Sect.                  | Robert E. Fulton, LL. D.          | 19                 | 274             | 15,000                     |
| 1840              | Univ. of Missouri†  | Columbia, Mo. (u.)    | Non-Sect.                  | Richard Henry Jesse, LL. D.       | 70                 | 1,086           | 30,000                     |
| 1895              | Univ. of Montanaf.  | Missoula, Mont.       | Non-Sect.                  | Oscar J. Craig, A. M., Ph. D.     | 13                 | 206             | 4,000                      |
| 1785              | Univ. of Nashvillet (g)   | Nashville, Tenn.      | Non-Sect.                  | W. H. Payne, LL. D., Ph. D.       | 72                 | 1,420           | 12,000                     |
| 1869              | Univ. of Nebraskaf.   | Lincoln, Neb.         | Non-Sect.                  | C. E. Bessey, LL. D. (Act. Chan.) | 229                | 1,946           | 41,000                     |
| 1889              | Univ. of N. Mexicot.  | Albuquerque, N. M.    | Non-Sect.                  | E. L. Herrick, Ph. D.             | 16                 | 150             | 4,500                      |
| 1795              | Univ. of N. Carolinat.  | Chapel Hill, N. C.    | Non-Sect.                  | Edwin A. Alderman, D. C. L.       | 47                 | 623             | 35,000                     |
| 1884              | Univ. of N. Dakotaf.  | Grand Forks, N. Dk.   | Non-Sect.                  | Webster Merrifield, M. A.         | 38                 | 306             | 6,540                      |
| 1842              | Univ. of Notre Dame.  | Notre Dame, Ind.      | R. Catholic.               | Rev. A. Morrissey, C. S. C.       | 66                 | 682             | 50,000                     |
| 1892              | Univ. of Oklahomat.   | Norman, Okla.         | Non-Sect.                  | David R. Boyd, A. M.              | 15                 | 336             | 6,000                      |
| 1880              | Univ. of Omahaf.  | Omaha, Neb. (i)       | Presbyter'n                | David R. Kerr, D. D., Ph. D.      | 75                 | 800             | 5,000                      |
| 1872              | Univ. of Oregon†  | Eugene, Ore.          | Non-Sect.                  | Frank Strong, A. M., Ph. D.       | 40                 | 266             | 8,000                      |
| 1852              | Univ. of the Pacific†   | San José, Cal.        | Meth. Epis.                | Eli McClish, A. M., D. D.         | 1                  | 254             | 4,000                      |
| 1740              | Univ. of Pennsylvaniam.   | Philadelphia, Pa.     | Non-Sect.                  | C. C. Harrison, LL. D. (Prov.)    | 264                | 2,641           | 150,000                    |
| 1850              | Univ. of Rochester  | Rochester, N. Y.      | Baptist                    | H. F. Burton (Act. Pres.)         | 16                 | 213             | 35,300                     |
| 1880              | Univ. of S. Californiat.  | Los Angeles, Cal.     | Meth. Epis.                | Garrett Droppers, A. B.           | 60                 | 800             | 2,000                      |
| 1882              | Univ. of S. Dakotaf.  | Vermillion, S. Dak.   | Non-Sect.                  | 22                                | 245                | 5,000           |                            |
| 1868              | Univ. of the South  | Sewanee, Tenn.        | Prot. Epis.                | B. L. Wiggins, M. A., LL. D.      | 59                 | 612             | 42,100                     |
| 1794              | Univ. of Tennessee (c)  | Knoxville, Tenn.      | Non-Sect.                  | C. W. Dabney, Ph. D., LL. D.      | 54                 | 664             | 16,000                     |
| 1883              | Univ. of Texast.  | Austin, Tex. (s)      | Non-Sect.                  | Wm. L. Prather (Act. Pres.)       | 83                 | 800             | 35,000                     |
| 1850              | Univ. of Utah†  | Salt Lake City, U.    | Non-Sect.                  | Jos. T. Kingsbury, Ph. D.         | 24                 | 590             | 16,000                     |
| 1791              | Univ. of Vermont†   | Burlington, Vt.       | Non-Sect.                  | Mat. H. Buckham, D. D.            | 61                 | 550             | 55,600                     |
| 1825              | Univ. of Virginia.  | Charlottesville, Va.  | Non-Sect.                  | P. B. Barringer, M. D. (Ch. Fc)   | 47                 | 645             | 47,728                     |
| 1862              | Univ. of Washington†  | Seattle, Wash.        | Non-Sect.                  | P. P. Graves, Ph. D., LL. D.      | 31                 | 450             | 13,600                     |
| 1848              | Univ. of Wisconsin†   | Madison, Wis.         | Non-Sect.                  | Charles K. Adams, LL. D.          | 125                | 1,923           | 55,000                     |
| 1868              | Univ. of Woostert.  | Wooster, C.           | Presbyter'n                | Rev. Louis E. Holden.             | 23                 | 450             | 19,000                     |
| 1887              | Univ. of Wyoming†   | Laramie, Wyo.         | Non-Sect.                  | Rev. Elmer E. Smiley, A. B.       | 15                 | 142             | 8,000                      |
| 1857              | Upper Iowa Univ. †  | Fayette, Iowa.        | Meth. Epis.                | Rev. Guy P. Benton, A. M.         | 23                 | 393             | 5,000                      |
| 1850              | Urbana University†  | Urbana, O.            | Swedenbor'                 | John H. Williams, B. S.           | 6                  | 56              | 5,000                      |
| 1869              | Ursinus Colleger. †   | Collegeville, Pa.     | German Ref.                | Rev. H. T. Spangler, D. D.        | 25                 | 189             | 7,500                      |
| 1802              | U. S. Military Acad.  | West Point, N. Y.     | Non-Sect.                  | Col. A. L. Mills, U. S. A. Supt.  | 55                 | 856             | 49,000                     |
| 1845              | U. S. Naval Academy   | Annapolis, Md.        | Non-Sect.                  | F. V. McNair, R. A., U. S. N.     | 66                 | 265             | 39,615                     |
| 1872              | Vanderbilt Univ. †  | Nashville, Tenn.      | Meth. Ep. S.               | J. H. Kirkland, LL. D., Ph. D.    | 90                 | 766             | 18,000                     |
| 1892              | Vashon Colleger. (g).   | Burton, Wash.         | Non-Sect.                  | A. C. Jones, Ph. D.               | 13                 | 127             | 1,138                      |
| 1861              | Vassar Colleger. ....   | Poughkeepsie, N. Y.   | Non-Sect.                  | Jas. M. Taylor, D. D., LL. D.     | 62                 | 655             | 31,800                     |
| 1842              | Villanova College.  | Villanova, Pa.        | R. Catholic.               | Rev. L. A. Delurey, A. M.         | 17                 | 157             | 7,000                      |
| 1866              | Vincennes Univ. †   | Vincennes, Ind.       | Non-Sect.                  | Albert H. Yoder, A. B.            | 16                 | 200             | 5,500                      |
| 1839              | Virginia Mil. Inst.   | Lexington, Va.        | Non-Sect.                  | Scott Shipp, LL. D., Litt. D.     | 15                 | 257             | 10,840                     |
| 1872              | Virginia Poly. Inst.  | Blacksburg, Va.       | Non-Sect.                  | J. M. McBryde, Ph. D., LL. D.     | 34                 | 303             | 5,000                      |
| 1832              | Wabash College.   | Crawfordsville, Ind.  | Non-Sect.                  | Rev. Wm. F. Kane, D. D.           | 18                 | 200             | 36,000                     |
| 1833              | Wake Forest College.  | Wake Forest, N. C.    | Baptist                    | C. E. Taylor, D. D., LL. D.       | 14                 | 273             | 13,500                     |
| 1855              | Washburn Colleger.  | Topeka, Kan.          | Congregat'l.               | George M. Herrick, Litt. D.       | 17                 | 270             | 8,000                      |
| 1802              | Wash. & Jefferson Col.  | Washington, Pa.       | Non-Sect. (i)              | Rev. Jas. D. Moffat, D. D.        | 16                 | 350             | 14,000                     |
| 1749              | Wash. & Lee Univ.   | Lexington, Va.        | Non-Sect.                  | William L. Wilson, LL. D.         | 25                 | 200             | 40,000                     |
| 1783              | Washington Coll. † (g)  | Chestertown, Md.      | Non-Sect.                  | C. W. Reid, Ph. D.                | 9                  | 110             | 2,500                      |
| 1795              | Washington Colleger.  | Wash'n Col., Tenn.    | Non-Sect. (i)              | Rev. Jas. T. Coater, M. A.        | 9                  | 150             | 2,300                      |
| 1853              | Washington Univ. †  | St. Louis, Mo.        | Non-Sect.                  | W. S. Chaplin, LL. D., Chan.      | 163                | 1,846           | 5,000                      |
| 1875              | Wellesley Colleger.   | Wellesley, Mass.      | Non-Sect.                  | Caroline Hazard, M. A.            | 78                 | 655             | 49,000                     |
| 1868              | Wells Colleger.   | Aurora, N. Y.         | Non-Sect.                  | W. E. Waters, B. A., Ph. D.       | 21                 | 104             | 7,200                      |
| 1831              | Wesleyan Univ. †  | Middletown, Ct.       | Meth. Epis.                | B. P. Raymond, D. D., LL. D.      | 36                 | 335             | 55,000                     |
| 1856              | Western Colleger.   | Toledo, Iowa.         | U. Brethren                | L. Bookwalter, A. M., D. D.       | 13                 | 195             | 3,000                      |
| 1867              | West. Maryland Col. †   | Westminster, Md.      | Meth. Prot.                | Rev. T. H. Lewis, D. D., A. M.    | 20                 | 278             | 5,000                      |
| 1826              | West. Reserve Univ. (o)   | Cleveland, O.         | Non-Sect.                  | Charles F. Thwing, D. D.          | 147                | 800             | 52,000                     |
| 1787              | West. Un. of Penn. †  | Pittsburgh, Pa. (m)   | Non-Sect.                  | W. J. Hoiland, Ph. D., D. D.      | 103                | 775             | 20,000                     |
| 1865              | Westfield Colleger.   | Westfield, Ill.       | U. Brethren                | William S. Reese, Ph. M.          | 15                 | 170             | 3,000                      |
| 1853              | Westminster College.  | Fulton, Mo.           | Presbyter'n                | John H. MacCracken, Ph. D.        | 6                  | 98              | 4,000                      |
| 1852              | Westminster Col. †  | N. Wilmington, Pa.    | Unit. Presb.               | Rev. R. G. Ferguson, D. D.        | 12                 | 270             | 5,000                      |
| 1867              | W. Virginia Univ. †   | Morgant'n, W. Va.     | Non-Sect.                  | Jerome H. Raymond, Ph. D.         | 63                 | 1,000           | 13,000                     |
| 1860              | Wheaton Colleger.   | Wheaton, Ill.         | Congregat'l.               | Charles A. Blanchard, D. D.       | 18                 | 210             | 7,000                      |
| 1859              | Whitman Colleger.   | WallaWalla, Wn.       | Congregat'l.               | Rev. S. B. L. Penrose, A. B.      | 18                 | 305             | 5,000                      |
| 1856              | Wilberforce Univ. †   | Wilberforce, O.       | Meth. Epis.                | S. T. Mitchell, A. M., LL. D.     | 20                 | 266             | 5,000                      |
| 1873              | Wiley University†   | Marshall, Tex.        | Meth. Epis.                | Rev. M. W. Dogan, A. M.,          | 11                 | 405             | 3,200                      |

| ORGANIZED. | Colleges—Table One.<br>For explanation of signs, see page 311. | Location.          | Denominational Control. | President or Chairman of Faculty. | Instructors. | Students. | Volumes in Library. |
|------------|--|--------------------|-------------------------|-----------------------------------|--------------|-----------|---------------------|
| 1844       | Willamette Univ. †   | Salem, Ore. ....   | Meth Epis               | Willis C. Hawley, A. M.           | 49           | 333       | 4,575               |
| 1893       | William & Mary Col.  | Williamsburg, Va.  | Non Sect.               | Lyon G. Tyler, M. A., LL. D.      | 14           | 194       | 14,000              |
| 1849       | William Jewell Col.  | Liberty Mo. ....   | Baptist ..              | John P. Greene, D. D., LL. D.     | 23           | 330       | 12,000              |
| 1793       | Williams College   | Williamstn n Mass  | Non Sect                | Franklin Carter, Ph. D., LL. D.   | 31           | 355       | 42,850              |
| 1870       | Wilmington College   | Wilmington, O. ... | Friends ..              | James B. Unthank, M. Sc. ...      | 8            | 150       | 2,500               |
| 1870       | Wilson College   | Chambersburg, Pa   | Presbyter'n             | Rev. S. A. Martin, D. D. ....     | 30           | 306       | 6,000               |
| 1845       | Wittenberg College   | Springfield, O.    | Lutheran                | .....                             | .....        | .....     | .....               |
| 1854       | Wofford College  | Spartanburg, S. C. | Meth Ep S.              | James H. Carlisle, LL. D.         | 10           | 171       | 8,000               |
| 1865       | Worcester Poly Inst  | Worcester, Mass.   | Non-Sect.               | T. C. Menendhall, Ph. D., LL. D.  | 31           | 252       | 5,500               |
| 1701       | Yale University (v)  | New Haven, Ct. ... | Congregat'l             | Arthur T. Hadley, LL. D.          | 275          | 2,700     | 300,000             |
| 1882       | Yankton College  | Yankton, S. Dak.   | Congregat'l             | Rev. Henry K. Warren, M. A.       | 14           | 251       | 6,700               |
| 1890       | York College   | York, Neb. ....    | U Brethren              | Wm. E. Schell, A. M. ....         | 11           | 253       | 1,000               |

TABLE TWO—COMMENCEMENT DAYS, GRADUATES, ETC.

| COLLEGES.<br>Forexplanation of signs, see page 311. | Com-<br>mencement<br>Day, 1900 | Gradu-<br>ates since<br>Organ-<br>ization.* | Alumni<br>Living.* | Earliest Graduate Living        | Gradu-<br>ated. | Present Address.         |
|---|--------------------------------|---|--------------------|---------------------------------|-----------------|--------------------------|
| Add-Ran Christ. U. †                                | June 5                         | 200   | 150                | .....                           | .....           | .....                    |
| Adelphi College                                     | June 8                         | 25  | 25                 | Rudolph Seldner                 | 1897            | Brooklyn, N. Y.          |
| Adrian College                                      | June 21                        | 453   | .....              | .....                           | .....           | .....                    |
| Alabama Poly. Inst. †                               | June 13                        | 522   | .....              | L. V. Rosser                    | 1872            | Carrollton, Ala.         |
| Albion College                                      | June 17                        | 885   | .....              | .....                           | .....           | .....                    |
| Alfred University †                                 | June 21                        | 751   | .....              | Harriet N. M. Greene            | 1844            | Alfred Station, N. Y.    |
| Allegheny College                                   | June 28                        | 1,170                                       | 956                | William Reynolds                | 1837            | Meadville, Pa.           |
| Alma College  | June 28                        | 213   | 212                | .....                           | .....           | .....                    |
| Am. Temperance Un.                                  | May 23                         | 152   | 150                | Gus. Neblett                    | 1824            | Chattanooga, Tenn.       |
| Amherst College                                     | June 27                        | 4,000                                       | 3,000              | Rev. Elias Riggs                | 1839            | Constantinople, T'k y    |
| Andover Theo. Sem                                   | June 14                        | 2,116                                       | .....              | Prof. E. A. Park, D. D., LL. D. | 1831            | Andover, Mass.           |
| Antioch College                                     | June 20                        | 220   | 192                | J. B. Weston, D. D.             | 1857            | Staufordville, N. Y.     |
| Arkansas College                                    | June 13                        | 129   | 119                | Class of '76 8 graduates living | by              | last report.             |
| Armour Inst. Tech. †                                | June 20                        | 68  | .....              | .....                           | .....           | .....                    |
| Atlanta University †                                | May 31                         | 354   | 312                | Class of '76, several graduates | liv             | ing by last report       |
| Auburn Theol. Sem.                                  | May 10                         | 1,500                                       | 900                | Rev. I. Brayton, D. D., LL. D.  | 1836            | Poughkeepsie, N. Y.      |
| Augsburg Seminary                                   | May 4                          | 374   | .....              | Rev. N. C. Brun                 | 1870            | Lake Mills, Iowa.        |
| Augustana College †                                 | May 31                         | 881   | 842                | Andrew Jackson                  | 1861            | Rush Point, Minn.        |
| Baker University †                                  | June 7                         | 400   | .....              | See note "m," on page 311.      | .....           | .....                    |
| Baldwin University †                                | June 14                        | (x) 465                                     | 415                | Rosanna Walker                  | 1851            | Needham Mass.            |
| Barnard College                                     | June 13                        | 104   | 101                | .....                           | .....           | .....                    |
| Bates College                                       | June 28                        | 904   | 843                | J. H. Rand                      | 1887            | Lewiston, Me.            |
| Baylor University †                                 | June 13                        | 525   | 466                | Stephen D. Rowe                 | 1854            | Galveston, Tex.          |
| Beloit College                                      | June 20                        | 605   | 529                | Rev. Joseph Collie, D. D.       | 1851            | Williams Bay, Wis.       |
| Berea College                                       | June 6                         | 100   | 90                 | George L. Pigg                  | 1873            | Anadarko, Ind. Ter.      |
| Bethany Coll. (Kan.) †                              | May 31                         | 300   | 290                | Rev. Eric Glad                  | 1891            | Kansas City, Kan.        |
| Bethel Coll. (Ky.)                                  | June 14                        | 236   | 200                | Rev. C. P. Shields, A. M.       | 1857            | Russellville, Ky.        |
| Bethel Coll. (Tenn.)                                | June 21                        | 256   | .....              | W. P. Hart                      | 1851            | .....                    |
| Biddle University                                   | June 6                         | 457   | .....              | D. W. Culp, D. D., M. D.        | 1876            | Palatka, Fla.            |
| Boston University †                                 | June 6                         | 4,162                                       | .....              | Rev. John B. Foote, D. D.       | 1850            | Sodus, N. Y.             |
| Bowdoin College                                     | June 28                        | 4,676                                       | 2,712              | J. W. Bradbury, LL. D.          | 1825            | Augusta, Me.             |
| Brigham Young Coll.                                 | June 15                        | .....                                       | .....              | .....                           | .....           | .....                    |
| Brown University †                                  | June 20                        | 5,114                                       | 2,571              | Rev. E. A. Park, D. D., LL. D.  | 1826            | Andover, Mass.           |
| Bryn Mawr Coll. †                                   | June 7                         | 331   | 326                | .....                           | .....           | .....                    |
| Buchtel College                                     | June 20                        | 261   | 244                | See note "e," on page 311.      | .....           | .....                    |
| Bucknell Univ. †                                    | June 20                        | .....                                       | .....              | .....                           | .....           | .....                    |
| Burrill College                                     | May 18                         | 165   | 140                | Mrs. M. M. Hill                 | 1853            | Chattanooga, Tenn.       |
| Carleton College                                    | June 13                        | 353   | 311                | James J. Dow                    | 1874            | Faribault, Minn.         |
| Carson & Newmant                                    | June 1                         | 206   | 170                | N. J. Langford, M. D.           | 1857            | Mossy Creek, Tenn.       |
| Carthage College                                    | May 31                         | 179   | 169                | Rev. J. M. Cromer               | 1875            | Kansas City, Mo.         |
| Case Sc. Ap'l. Science                              | June 7                         | 19*   | .....              | .....                           | .....           | .....                    |
| Catawba College                                     | May 17                         | 24  | 22                 | See note "i," on page 311.      | .....           | .....                    |
| Catholic Un. Am. (c).                               | June 6                         | 150   | .....              | .....                           | .....           | .....                    |
| Central Penna. Col. †                               | June 14                        | .....                                       | 155                | Miss Kate Swineford             | 1859            | Philadelphia, Pa.        |
| Central Tenn. Col. †(d)                             | May 31                         | 733   | 670                | George Bryant                   | 1870            | Nashville, Tenn.         |
| Central Univ. † (Ia.)                               | June 20                        | 562   | .....              | H. F. Bousquet                  | 1860            | Pella, Iowa.             |
| Cen. Wesleyan Coll. †                               | June 14                        | 250   | .....              | Prof. J. H. Frick, A. B., A. M. | 1866            | Warrenton, Mo.           |
| Centre Coll. of Ky.                                 | June 13                        | 1,239                                       | .....              | David I. Caldwell               | 1832            | Richmond, Mo.            |
| Chaddock College                                    | June 7                         | 500   | 200                | .....                           | .....           | .....                    |
| Charles City College                                | June 14                        | 95  | .....              | .....                           | .....           | .....                    |
| Christian Univ. †                                   | June 7                         | 227   | 204                | John Shanks                     | 1857            | Bunker Hill, Mo.         |
| Claflin University †                                | May 17                         | 600   | .....              | Wm. L. Bulkeley, A. M., Ph. D.  | 1882            | Brooklyn, N. Y.          |
| Clemson Agr. Coll.                                  | June 7-10                      | 78  | 78                 | L. A. Sease                     | 1886            | Lewisdale, S. C.         |
| Coe College   | June 6                         | 98  | 98                 | S. W. Stooke; Mrs. C. McKee     | 1894            | Marion, Ia. :S Diego Cal |
| Colby College                                       | June 27                        | 1,254                                       | 792                | Albert W. Paine                 | 1832            | Bangor, Me.              |
| Colgate University                                  | June 21                        | 2,000                                       | 1,545              | Philetus B. Spear, D. D.        | 1839            | Hamilton, N. Y.          |
| College of Charleston                               | June 26                        | 448   | 215                | Henry L. Pinkney                | 1840            | Sumter County, S. C.     |
| College City of N. Y.                               | June 24                        | 2,075                                       | .....              | George W. Birdsall              | 1853            | New York City, N. Y.     |
| Colorado College                                    | June 13                        | 75  | .....              | F. W. Tuckerman                 | .....           | Washington, D. C.        |
| Columbia University                                 | June 13                        | 16,483                                      | .....              | John Fletcher Smith             | 1825            | .....                    |
| Columbian Univ.                                     | May 30                         | 3,875                                       | 2,700              | Fred'k Perry Stanton            | 1833            | Stanton, Fla.            |
| Concordia College                                   | June 27                        | 754   | .....              | J. A. F. W. Mueller             | 1844            | Chester, Ill.            |

| COLLEGES—TABLE TWO.<br>Forexplanation of signs, see<br>page 311. | Commencement<br>Day, 1900. | Gradu-<br>ates since<br>Organi-<br>zation.* | Alumni<br>Living*<br>743 | Earliest Graduate Living.         | Gradu-<br>ated. | Present Address.      |
|--|----------------------------|---|--------------------------|-----------------------------------|-----------------|-----------------------|
| Cornell College†   | June 14.                   | 794   | 743                      | Matthew Cavanaugh.....            | 1858            | Iowa City, Iowa.      |
| Cornell University†  | June 21.                   | 5,167                                       |                          |                                   |                 |                       |
| Cotner University†   | June 6.                    | (x) 43                                      | 43                       | Ellen B. Atwater.....             | 1895            | Bethany, Neb.         |
| Cumberland Univ.   | June 7.                    | 2,638                                       |                          | Nathan Green.....                 | 1845            | Lebanon, Tenn.        |
| Dartmouth College.   | June 27.                   | 8,068                                       | 3,200                    | Mark W. Fletcher.....             | 1825            | Wayne, Ill.           |
| Davidson College   | May 30                     | 803   | 460                      | H. H. Kimmons, M. D.....          | 1840            | Oxford, Miss.         |
| Defiance College.....  | June 8.                    | 160   | 150                      |                                   |                 |                       |
| Delaware College.....  | June 20.                   | 352   |                          |                                   |                 |                       |
| Denison University.  | June 14.                   | 510   | 412                      |                                   |                 |                       |
| De Pauw Univ. †  | June 13.                   | 2,110                                       | 1,498                    | Rev. T. A. Goodwin, D. D.         | 1840            | Indianapolis, Ind.    |
| Des Moines Coll. †   | June 20.                   | 111   | 108                      | James M. Miller.....              | 1875            | Seattle, Wash.        |
| Dickinson College.   | June 6.                    | 3,896                                       |                          | Thos. Bowman, D. D., LL.D.        | 1837            | St. Louis, Mo.        |
| Doane College  | June 14.                   | 154   | 149                      |                                   |                 |                       |
| Drake University.  | June 14.                   | 1,000                                       |                          |                                   |                 |                       |
| Drew Theolog. Sem.   | Apr. 26.                   | 900   | 750                      |                                   |                 |                       |
| Earlham College  | June 13.                   | 482   | 435                      | Iuzena Thornburg.....             | 1852            | Carthage, Ind.        |
| Elon College.....  | June 8.                    | 57  | 57                       | Rev. C. C. Peele.....             | 1890            | Asheboro, N. C.       |
| Emory and H' y Col.  | June 12.                   | 600   |                          | William N. Harmon.....            | 1843            | Hollybrook, Va.       |
| Emory College.....   | June 13.                   | 1,219                                       |                          | Francis A. Hill.....              | 1842            | Americus, Ga.         |
| Emporia College †.   | June 6.                    | 90  |                          |                                   |                 |                       |
| Erskine College.....   | June 19.                   | 740   |                          | Rev. J. O. Lindsay.....           | 1843            | Due West, S. C.       |
| Eureka College.....  | June 14.                   |   |                          | Elijah W. Dickinson.....          | 1860            | Eureka, Ill.          |
| Fairmount College.   | June 6.                    | 8   |                          | All graduated in 1899.            |                 |                       |
| Fargo College.....   | June 13.                   | 4   | 4                        | See note "v," on page 311.        |                 |                       |
| Findlay College.....   | June 16.                   | 54  | 53                       | Rev. John P. Shelley.....         | 1889            | Warren, Pa.           |
| Fisk University†(d).   | June 13.                   | 406   | 378                      | James D. Burrus, M. A.....        | 1875            | Nashville, Tenn.      |
| Fort Worth Univ. †   | May 24.                    |   |                          |                                   |                 |                       |
| Franklin & Marshall  | June 14.                   | 1,121                                       | 881                      | E. V. Gerhart, D. D., LL. D.      | 1838            | Lancaster, Pa.        |
| Franklin Col. † (Ind.)   | June 14.                   | 285   | 237                      | Timothy H. Ball.....              | 1850            | Crown Point, Ind.     |
| Franklin Col. † (Ohio)   | June 27.                   | 500   | 300                      | J. M. Kühn, M. D.....             | 1836            | Omaha, Neb.           |
| Furman University†   | June 10-14                 | 300   |                          |                                   |                 |                       |
| Gale College.....  | June 5-8.                  | 1,000                                       | 790                      |                                   |                 |                       |
| General Theol. Sem.  | May 30.                    | 1,441                                       | 944                      | Rev. Samuel Cooke, D. D.....      | 1838            | Stamford, Ct.         |
| Geneva College.....  | May 31.                    |   |                          | J. S. T. Milligan.....            | 1852            | Allgheny City, Pa.    |
| Georgetown College†  | June 13.                   | 568   | 465                      | W. R. Burch.....                  | 1843            | Yates, Mo.            |
| Georgetown Univ.   | May 14 †                   | 3,165                                       |                          | John T. Doyle.....                | 1838            | Menlo Park, Cal.      |
| Girard College.....  | None.                      | 4,554                                       |                          | Theo. DeBow.....                  | 1855            | Philadelphia, Pa.     |
| Grant University†  | Apr. 24 (p)                | 646   |                          | Rev. John J. Manker, D. D.        | 1871            | Chattanooga, Tenn.    |
| Greensboro College.  | May 30.                    | 685   |                          |                                   |                 |                       |
| Greer College.....   | July 27.                   | 123   | 120                      | Adam Pickett.....                 | 1892            | Dexter, Iowa.         |
| Grove City College.  | June 20.                   | 640   | 618                      | Samuel Dodds, Ph. D.....          | 1881            | Grove City, Pa.       |
| Guilford College.....  | May 23.                    | 90  | 87                       | Robert C. Root.....               | 1889            | Ontario, Cal.         |
| Gustavus Adolphus†   | May 23.                    | 265   | 265                      | Rev. L. P. Lundgren.....          | 1890            | Hallock, Minn.        |
| Hamilton College.  | June 28.                   | 2,302                                       | 1,474                    | Dr. Samuel P. Bishop.....         | 1826            | Cincinnati, Ohio.     |
| Hamline Univ. †(x)   | June 7.                    | 250   | 200                      |                                   |                 |                       |
| Hampden-Sidney C.  | June 13.                   |   |                          | See note "u," on page 311.        |                 |                       |
| Hampton Inst. †(f)   | June 6.                    | 1,021                                       | 832                      | Class of '71, 12 graduates living | by              | last report.          |
| Hanover College.....   | June 6.                    | 838   | 592                      | Rev. Thomas W. Hynes, D. D.       | 1836            | Greenville, Ill.      |
| Hartford Theol. Sem†   | May 30.                    | 470   |                          | Rev. A. C. Thompson, D. D.        | 1838            | Boston, Mass.         |
| Harvard University.  | June 27.                   | 22,781                                      | 12,777                   | Samuel Ward Chandler.....         | 1822            | Philadelphia, Pa.     |
| Haverford College.   | June 15.                   | 677   | 550                      | Thomas P. Coke.....               | 1839            | Germanstown, Pa.      |
| Heidelberg Univ. †.  | June 21.                   | 493   | 401                      | Rev. Geo. Z. Mechling, A. M.      | 1854            | Hamilton, Ohio.       |
| Hendrix College.....   | June 20.                   | 61  | 60                       |                                   |                 |                       |
| Henry College.....   | May 30.                    | 32  | 31                       | J. A. Adams.....                  | 1894            | Celeste, Tex.         |
| Highland Univ. †.  | June 7.                    | 72  |                          |                                   |                 |                       |
| Hillsdale College.   | June 21.                   | 950   | 830                      | Mrs. Eliza Scott Potter.....      | 1856            | Grinnell, Iowa.       |
| Hiram College.....   | June 21.                   | 375   | 360                      | See note "v," on page 311.        |                 |                       |
| Hiwassee College.  | May 22.                    | 232   |                          | Judge D. M. Key.....              | 1850            | Chattanooga, Tenn.    |
| Hobart College.....  | June 20.                   | 1,415                                       | 950                      | Sam. Percy McDonald, M. A.        | 1829            | Mansfield, Ohio.      |
| Holy Cross College.  | June 21.                   | 719   |                          | Rt. Rev. J. A. Healy, Bishop.     | 1849            | Portland, Me.         |
| Hope College.....  | June 20.                   |   |                          | Rev. A. Bursma.....               | 1866            | Grand Rapids, Mich.   |
| Howard College.....  | June 6.                    | 396   | 334                      | G. D. Johnston.....               | 1849            | Washington, D. C.     |
| Howard Payne Col. †  | May 30.                    | 14  | 14                       | J. D. Robnett.....                | 1895            | Washington, D. C.     |
| Howard University†   | June 1.                    | 1,654                                       | 1,210                    | D. B. Nichols, D. D.....          | 1871            | Mission Hill, S. Dak. |
| Illinois College.....  | June 14.                   | 683   |                          | Rev. Charles B. Barton.....       | 1836            | Jacksonville, Ill.    |
| Indiana University †   | June 20.                   | 2,146                                       | 1,465                    | Andrew Wylie.....                 | 1832            | Washington, D. C.     |
| Iowa College.....  | June 13.                   | 779   | 730                      | Rev. John H. Windsor.....         | 1854            | La Grange, Ill.       |
| Iowa State College.  | June 13.                   | 1,000                                       | 953                      | E. W. Stanton, M. A.....          | 1872            | Ames, Iowa.           |
| Iowa Wesley. Univ. †   | June 14.                   | 547   |                          | W. S. Mayne.....                  | 1856            | Council Bluffs, Iowa. |
| John B. Stetson U †  | May 22.                    | 117   | 115                      | Harlan P. De Land.....            | 1886            | Fairport, N. Y.       |
| Johns Hopkins Un. (g)  | June 12.                   | 1,087                                       | 1,052                    |                                   |                 |                       |
| Kalamazoo College.   | June 30.                   | 259   |                          |                                   |                 |                       |
| Kansas West Univ. †  | June 14.                   | 200   |                          | Rev. H. M. Mayo.....              | 1887            | Rocky Ford, Col.      |
| Kent' y West n Col. †  | May 31.                    | 154   | 142                      | Ben. D. Best, B. S.....           | 1868            | Covington, Ky.        |
| Kenyon College.....  | June 27.                   | 709   | 400                      | Rev. James C. Wheat, D. D.        | 1831            | Lynnwood, Va.         |
| King College.....  | June 7.                    | 200   | 93                       | Rev. J. C. Cowan.....             | 1870            | Morristown, Tenn.     |
| Knox College.....  | June                       | 1,272                                       |                          | Class of 46, 3 graduates living   | by              | last report.          |
| La Fayette Coll. (Ala)   | May 30.                    | 60  | 35                       |                                   |                 |                       |
| Lafayette Coll. (Pa.)  | June 20.                   | 1,759                                       | 1,453                    | Geo. W. Kidd, A. M.....           | 1836            | Houston, Tex.         |
| La Grange College.   | May 31.                    | 222   | 195                      | Rev. E. H. Sawyer.....            | 1870            | St. Louis, Mo.        |
| Lake Forest Univ. †.   | June 13.                   |   |                          | Rev. E. Fay Mills.....            | 1879            | Providence, R. I.     |
| Lane Theol. Sem.....   | May 3.                     | 1,020                                       | 645                      | Rev. Huntington Lyman.....        | 1836            | Cortland, N. Y.       |
| Lawrence Univ. †.  | June 21.                   | 527   |                          | Henry Coleman, D. D.....          | 1857            | Milwaukee, Wis.       |

| COLLEGES—TABLE TWO.<br>Forexplanation of signs, see<br>page 311. | Com-<br>mencement<br>Day, 1900. | Gradu-<br>ates since<br>Organi-<br>zation.* | Alumni<br>Living*<br>Living* | Earliest Graduate Living.        | Gradu-<br>ated. | Present Address.           |
|--|---------------------------------|---|------------------------------|----------------------------------|-----------------|----------------------------|
| Lebanon Valley Col.†   | June 14...                      | 284   | 260                          | Albert C. Rigler.....            | 1870            | Annville, Pa.              |
| Lehigh University...   | June 20...                      | 1,074                                       | 1,023                        | Miles Rock, C. E.....            | 1869            | Guatemala City, C. A.      |
| Leland Stanford, Jr.†  | May 30...                       | 952   |                              |                                  |                 |                            |
| Lenoir College.....  | May 17.....                     |   | 34                           | Rev. R. L. Fritz.....            | 1892            | Charlotte, N. C.           |
| Lenox College.....   | June 14.....                    | 239   | 225                          | Ralph H. Kirke.....              | 1868            | Cedar Rapids, Iowa.        |
| Lima College.....  | June 13.....                    | 20  | 20                           |                                  |                 |                            |
| Lincoln Univ.†(Ill.)   | June 14.....                    | 286   | 251                          | A. J. Wallace, M. D.....         | 1868            | Decatur, Ill.              |
| Livingstone Coll.†S.   | Apr. 25.....                    | 189   | 183                          | John A. D. Bloice, A. M., D. D.  | 1887            | Philadelphia, Pa.          |
| Lombard College.....   | June 7.....                     | 360   | 317                          | Wm. R. Cole, A. M.....           | 1856            | Mount Pleasant, Iowa.      |
| Louisiana State Univ.  | June 27.....                    | 207   | 180                          | Tilman L. Grimes.....            | 1869            | Poland, La.                |
| Macalester College.  | June 6.....                     | 88  | 77                           | J. K. Hall.....                  | 1890            | Clarence, Iowa.            |
| Manhattan College.   | June 21.....                    | 904   | 812                          | Rev. J. P. McClancy.....         | 1866            | Middletown, N. Y.          |
| Marietta College.....  | June 13.....                    | 799   | 603                          | Dr. John T. Cotton.....          | 1838            | Charleston, W. Va.         |
| Maryville College.   | May 31.....                     | 500   |                              | Jesse Wallace.....               | 1842            | Franklin, Tenn.            |
| Mass. Ag. College.   | June 20.....                    | 523   | 501                          |                                  |                 |                            |
| Mass. Inst. Tech.†   | June 5.....                     | 2,124                                       | 2,044                        |                                  |                 |                            |
| McKendree College.   | June 14.....                    | 820   |                              | H. H. Horner, Johns'n Pierson    | 1841            | Lebanon Ill., Burlington   |
| McMinnville Col.†  | June 12.....                    | 105   |                              | John H. Smith.....               | 1884            | Astoria, Ore.              |
| Mercer University.....   | June 6.....                     | 850   | 650                          | B. F. Thorpe, D. D.....          | 1841            | Perry, Ga.                 |
| Miami University.....  | June 21.....                    | 1,139                                       | 561                          | Rev. J. G. Montfort, D. D.....   | 1834            | Cincinnati, Ohio.          |
| Mich. Agric. Col.†   | June 15.....                    | 763   | 679                          |                                  |                 |                            |
| Middlebury College.  | July 3.....                     | 1,500                                       | 564                          | Dr. Wm. M. Bass.....             | 1832            | Neponset, Mass.            |
| Middland College.  | June 7.....                     | 59  | 58                           | Le Roy H. Kelsey, B. S.....      | 1891            | St. Joseph, Mo.            |
| Milligan College.....  | June 13.....                    | 109   | 106                          | James H. Smith.....              | 1882            | Butler, Tenn.              |
| Mills College.....   | May 23.....                     | 520   | 492                          | Mrs. M. E. Carpenter Vincent.    | 1866            | New York City, N. Y.       |
| Millsaps College.....  | June 12.....                    | 75  | 75                           | Alex. H. Shannon.....            | 1898            | Nashville, Tenn.           |
| Milton College.....  | June 27.....                    | 286   | 220                          | Nathan C. Twining.....           | 1867            | Riverside, Cal.            |
| Miss. Agric. Coll.†  | June 20.....                    | 243   | 233                          | H. H. Harrington, Prof. Ch.      | 1883            | College Station, Tex.      |
| Mississippi College.   | May 31.....                     | 290   |                              | Rev. A. C. Carpenter.....        | 1856            | Louisville, Ky.            |
| Missouri Valley Col.†  | June 7.....                     | 285   |                              | Mrs. Mary Ann Orr, B. L.....     | 1890            | St. Louis, Mo.             |
| Monmouth College.  | June —.....                     | 1,036                                       | 914                          | Mrs. M. Findley Thompson.        | 1858            | Monmouth, Ill.             |
| Moore's Hill College.  | June 14.....                    | 264   | 234                          | Mrs. Jane Kahler.....            | 1858            | San Fernando, Cal.         |
| Morgan College†S.  | May 31.....                     | 350   | 235                          | Rev. J. H. Griffin.....          | 1877            | Washington, D. C.          |
| Morris Brown Col.†   | June 1.....                     | 34  | 33                           | Laurin C. Simmons.....           | 1890            | New York City, N. Y.       |
| Morrisville College.   | June 6.....                     | 125   |                              | H. Carr Pritchett, A. M.....     | 1876            | Austin, Tex.               |
| Mt. Holyoke Coll.†   | June 20.....                    | 2,671                                       |                              | Mrs. Persis Woods Curtis.....    | 1838            | Rochester, N. Y.           |
| Mt. St. Mary's Coll.   | June 27.....                    | 563   |                              | Rev. Wm. H. Elder, D. D.....     | 1837            | Cincinnati, Ohio.          |
| Mt. Union College.   | July 21.....                    | 2,286                                       |                              | See note "n," on page 311.       |                 |                            |
| Muhlenberg College.  | June 21.....                    | 463   | 430                          | Wm. F. Muhlenberg, M. D.....     | 1868            | Reading, Pa.               |
| Muskingum College.   | June 21.....                    | 435   | 374                          | Rev. William Wilson, A. M.....   | 1846            | Leavenworth, Kan.          |
| Neb. Wesleyan Univ.  | June 6.....                     | 250   | 249                          | Mrs. May Bliss.....              | 1890            | Saginaw, Mich.             |
| Newberry College.....  | June 20.....                    | 197   | 189                          | Jas. E. Houseal.....             | 1869            | Cedartown, Ga.             |
| New York Univ.....   | June 9.....                     | 15,325                                      |                              | Joseph A. Saxton.....            | 1835            | New York City, N. Y.       |
| Niagara University.....  | June 19.....                    |   |                              | Rev. Edward W. McCarthy.....     | 1867            | Brooklyn, N. Y.            |
| North Carolina Coll.   | May 30.....                     | 63  | 55                           | Prof. H. J. T. Ludwig, Ph. D.    | 1871            | Mt. Pleasant, N. C.        |
| North. Illinois Col.†  | June 6.....                     | 635   |                              |                                  |                 |                            |
| Northwestern Col.†   | June 21.....                    | 446   | 419                          | B. F. Dreisbach.....             | 1866            | Circleville, Ohio.         |
| North'w'n Un.†(Ill.)   | June —.....                     | 5,719                                       |                              | Samuel L. Eastman.....           | 1859            | Algona, Iowa.              |
| North'w'n Un.†(Wis.)   | June —.....                     | 175   | 166                          | Prof. F. Pieper.....             | 1872            | St. Louis, Mo.             |
| Norwegian Luth. Col.   | June 20.....                    | 225   | 294                          | R. B. Anderson.....              | 1866            | Madison, Wis.              |
| Oberlin College.....   | June 20.....                    | 3,532                                       | 2,888                        | Rev. Huntington Lyman.....       | 1836            | Cortland, N. Y.            |
| Ogden College.....   | June 14.....                    | 45  | 43                           | Loving W. Gaines.....            | 1881            | Elkton, Ky.                |
| Ohio State Univ.†  | June 13.....                    | 972   | 959                          | Arthur B. Townshend.....         | 1878            | New York City, N. Y.       |
| Ohio University.....   | June 22.....                    | 502   |                              |                                  |                 |                            |
| Ohio Wesleyan Un.†   | June 20.....                    | 2,671                                       | 2,426                        | Rev. W. D. Godman, D. D.....     | 1846            | Winsted, La.               |
| Ottawa College.....  | June —.....                     | 500   | 450                          | Mrs. Cossar, Mrs. Griswold.....  | 1863            | Vermontville, Mich.        |
| Ottawa University†   | June 6.....                     | 165   | 158                          | Alice Boomer, Jen. Sherman       | 1838            | Grand Island, Neb., India. |
| Otterbein Univ.†   | June 13.....                    | 650   | 425                          | Kate Winter Hanby.....           | 1857            | Los Angeles, Cal.          |
| Ouachita Bapt. Col.†   | May 30.....                     | 202   | 198                          | Rev. Frank P. Turner, A. B.....  | 1898            | Harrisburg, Ill.           |
| Oxford College.....  | June 7.....                     | 780   |                              |                                  |                 |                            |
| Pacific College.....   | June 13.....                    | 124   | 117                          | C. J. Edwards, A. C. Stanbro     | 1893            | Newberg, Ore.              |
| Pacific University†  | June —.....                     | 243   | 334                          | Harvey W. Scott.....             | 1863            | Portland, Ore.             |
| Park College.....  | June 28.....                    | 334   | 334                          | Rev. W. T. Scott.....            | 1879            | Cleone, Ore.               |
| Penn. College.....   | June 13.....                    | 203   | 197                          | Linda Ninde (Dorland).....       | 1875            | Los Angeles, Cal.          |
| Pennsylvania Col.†   | June 14.....                    | 1,075                                       | 843                          | Rev. W. F. Eyster, D. D.....     | 1839            | Crete, Neb.                |
| Penn. Military Col.  | June 13.....                    | 346   | 314                          | Thos. H. Larkin.....             | 1867            | St. Louis, Mo.             |
| Penn. State Col.†  | June 13.....                    | 460   |                              |                                  |                 |                            |
| Pillard-Smith Coll.  | May 13.....                     | 61  | 59                           | Rufus C. Childress.....          | 1838            | Little Rock, Ark.          |
| Polytechnic College.   | June 6.....                     | 48  | 48                           | Rev. C. L. Browning.....         | 1892            | Itasca, Tex.               |
| Polytechnic Inst.....  | June 12.....                    | 685   |                              | R. W. Raymond, Ph. D.....        | 1856            | Brooklyn, N. Y.            |
| Portland University.   | June 7.....                     | 150   | 149                          | Wm. L. VanScoy, A. M.....        | 1892            | Ashland, Ore.              |
| Pratt Institute.....   | June 21.....                    | 1,345                                       |                              |                                  |                 |                            |
| Presby'n Col.†(S. C.)  | June 5.....                     | 54  | 51                           | Mrs. Rebecca Thompson.....       | 1838            | Summerville, S. C.         |
| Princet'n Theol. Sem.  | May 8.....                      | (k) 4,957                                   | 2,859                        | Rev. J. C. Lowrie, D. D., LL. D. | 1833            | New York City, N. Y.       |
| Princeton University.  | June 13.....                    | 3,816                                       |                              | See note "v," on page 311.       |                 |                            |
| Proseminer College.  | June 22.....                    | 800   | 700                          | Rev. J. H. Dinkmeyer.....        | 1872            | Alhambra, Ill.             |
| Purdue University.....   | June 6.....                     | 1,045                                       |                              | John Bradford Harper.....        | 1875            | Durango, Col.              |
| Racine College.....  | June 14.....                    | 250   | 200                          | Sayres G. Knight, B. S.....      | 1854            | Racine, Wis.               |
| Radcliffe College.....   | June 26.....                    | 278   |                              | See note "s," on page 311.       |                 |                            |
| Randolph-Macon C.  | June 15.....                    | 2,000                                       |                              | Dr. Theo. S. Stewart.....        | 1836            | Marietta, Ga.              |
| Red River Valley U.†   | June 14.....                    | 29  | 29                           | James A. Kesler.....             | 1895            | Edgeley, N. Dak.           |
| Rensselaer Poly. Ins.  | June 13.....                    | 1,280                                       | 893                          | Abel Storrs.....                 | 1831            | Lebanon, N. H.             |
| Richmond Col. (Va.)  | June 21.....                    |   |                              | Rev. P. S. Henson.....           | 1849            | Chicago, Ill.              |

| COLLEGE—TABLE TWO.<br>Forexplanation of signs, see<br>page 311. | Com-<br>mencement<br>Day, 1900. | Gradu-<br>ates since<br>Organ-<br>ization.* | Alumni<br>Living.* | Earliest Graduate Living.        | Gradu-<br>ated. | Present Address.         |
|---|---------------------------------|---|--------------------|----------------------------------|-----------------|--------------------------|
| Rio Grande College†   | June 14                         | 54  | 52                 | Rev. Thomas D. Davis, A. M.      | 1883            | Tecumseh, Neb.           |
| Ripon College.....  | June 20                         | 231   | 215                | Luthera H. Adams.....            | 1867            | Omro, Wis.               |
| Roanoke College.....  | June 13                         | 467   | 418                | Thomas E. Kizer, A. M.....       | 1855            | Richmond, Va.            |
| Rock Hill College.....  | June 14                         | 175   | 160                | Thomas A. Whelan.....            | 1871            | Baltimore, Md.           |
| Rose Poly. Institute.   | June 19                         | 260   | 257                | S. S. Early and Ben. McKeen      | 1885            | Terre Haute, Ind.        |
| Rutgers College.....  | June 20                         | 1,969                                       | 1,153              | John M. Brown.....               | 1830            | Pluckemin, N. J.         |
| Scotia Seminary †§.   | June 13                         | 456   | .....              | John D. Kernan.....              | .....           | Utica, N. Y.             |
| Seton Hall College.....   | June 13                         | .....                                       | .....              | Cæsar Johnson; N. F. Roberts.    | 1862            | Raleigh, N. C.           |
| Shaw University†§.  | May 11                          | 318   | 230                | Louise Anderson Burke.....       | 1870            | Newkirk, Okla. Ter       |
| Simpson College.....  | June 14                         | .....                                       | .....              | .....                            | .....           | .....                    |
| Smith College.....  | June 1                          | 1,679                                       | .....              | .....                            | .....           | .....                    |
| South Carolina Col. †   | June 12                         | 2,115                                       | .....              | .....                            | 1831            | Birmingham; Marion.      |
| Southern Univ. †  | June 13                         | .....                                       | 300                | Thomas M. Lyles.....             | 1860            | .....                    |
| Southwestern Kan. Col. †  | June 13                         | 190   | 185                | J. V. Glass; B. M. Huey.....     | .....           | .....                    |
| Southw. n. Bapt. Un. †  | June 6                          | 272   | .....              | See note "w." on page 311.       | .....           | .....                    |
| Southw. n. Pres. Un.  | June 13                         | 357   | .....              | .....                            | .....           | .....                    |
| Southwestern Univ. †  | May 21                          | 301   | .....              | .....                            | 1876            | Georgetown, Tex.         |
| Spring Hill College.....  | June 21                         | 450   | 308                | E. James Campbell, D. D.....     | 1853            | New Orleans, La.         |
| State Univ. of Iowa†  | June 7                          | 5,266                                       | .....              | Dexter E. Smith.....             | 1858            | Santa Ana, Cal.          |
| State Univ. † (Ky.)   | May 17                          | 125   | 115                | A. H. Payne, A. B.....           | 1883            | Louisville, Ky.          |
| St. Edward's College  | June 14                         | 90  | 87                 | David J. Shall.....              | 1886            | Yoakum, Tex.             |
| Stevens Inst. Tech  | June 14                         | 833   | 795                | J. Augustus Henderson.....       | 1873            | Lemont, Pa.              |
| St. Francis Xavier C.   | June 25                         | 775   | 626                | T. M. Killen; J. W. O'Brien      | 1855            | St. Elizabeth; Bklyn.    |
| St. John's Col. (D. C.)   | June 19                         | 120   | .....              | Joseph H. Benson, D. D. S.       | 1872            | Washington, D. C.        |
| St. John's Col. (Md.)   | June 20                         | 586   | 387                | Win. Harwood, B. A., M. A.       | 1827            | Annapolis, Md.           |
| St. John's Col. (N. Y.)   | June 20                         | 924   | 739                | Augustine M. O'Neil, M. A.       | 1849            | Brooklyn, N. Y.          |
| St. John's Un. (Minn.)  | June 24                         | 717   | .....              | Boniface Molt, A. M.....         | 1870            | St. Paul, Minn.          |
| St. Lawrence Univ. †  | June 27                         | 713   | 650                | Rev. Daniel Ballou.....          | 1861            | Utica, N. Y.             |
| St. Louis University  | June 27                         | 1,086                                       | .....              | Rev. J. G. H. Kernion, A. B.     | 1840            | St. Louis, Mo.           |
| St. Mary's Col. (Kan.)  | June 20                         | 280   | .....              | Rev. R. Dunne.....               | 1862            | Chicago, Ill.            |
| St. Mary's Col. (Ky.)   | June 20                         | 45  | 43                 | Samuel Spalding.....             | 1828            | Lebanon, Ky.             |
| St. Olaf College.....   | June 6                          | 167   | .....              | C. J. Rollefson.....             | 1890            | Grand Forks, N. Dak.     |
| St. Paul's College.....   | June 14                         | 305   | 266                | See note "h." on page 311.       | .....           | .....                    |
| St. Stephen's College   | June 23                         | 125   | 101                | Rev. Joseph Carey, D. D.....     | 1861            | Saratoga Springs, N. Y.  |
| St. Vincent's College   | June 15                         | 520   | 499                | Isidore B. Dockweiler, A. M.     | 1867            | Los Angeles, Cal.        |
| Swarthmore College  | June 15                         | 2,636                                       | 2,000              | W. Krentzer; R. C. Welch.....    | 1852            | Lyons N. Y.; Albion.     |
| Syracuse University†  | June 20                         | 176   | 174                | B. I. Cummings.....              | 1870            | Tabor, Iowa.             |
| Tabor College.....  | June 12                         | 160   | 146                | Rev. T. T. Benson.....           | 1876            | Brazoria, Tex.           |
| Talladega College†(d)   | June 7                          | 141   | 139                | William R. Littell.....          | 1887            | Tarkio, Mo.              |
| Tarkio College.....   | June 7                          | 556   | .....              | .....                            | .....           | .....                    |
| Teachers' College†  | June 21                         | 220   | 200                | Class of '74, 6 graduates living | by              | last report.             |
| Thiel College.....  | June 14                         | 86  | 85                 | Class of '95, 9 graduates living | by              | last report.             |
| Throop Poly. Inst. †  | June 27                         | 1,275                                       | 836                | Dr. Gurdon W. Russell.....       | 1834            | Hartford, Ct.            |
| Trinity College (Ct.)   | June 6                          | .....                                       | .....              | L. Johnson.....                  | .....           | Trinity, N. C.           |
| Trinity Col. (N. C.)  | May 1                           | .....                                       | 870                | Rev. J. S. Groves.....           | 1870            | Mexia, Tex.              |
| Trinity Univ. †(Tex.)   | June 19                         | 1,080                                       | .....              | Silas Bundy Rawson.....          | 1860            | Old Town, Me.            |
| Tufts College.....  | June 21                         | 4,881                                       | .....              | .....                            | .....           | .....                    |
| Tulane University.....  | June 11                         | 218   | 203                | J. J. Sumnerbell, D. D.....      | 1864            | Dayton, Ohio.            |
| Union Christ'n Col. †   | June 7                          | 19  | 19                 | I. P. Faulkner; J. E. Thomas.    | 1893            | Barb'r 17, Ky.; N. B. †d |
| Union Col. † (Ky.).....   | May 29                          | 78  | 78                 | Miles W. Lewis.....              | 1896            | Atlanta, Ga.             |
| Union Col. † (N. Y.).....                                       | June 27                         | 5,092                                       | 2,500              | Joseph D. Husbands.....          | 1828            | Rochester, N. Y.         |
| Union Theol. Sem.....   | May 15                          | 3,011                                       | 2,130              | Joseph A. Saxton.....            | 1839            | New York City, N. Y.     |
| Univ. of Alabama.....   | June 20                         | 1,553                                       | .....              | James C. Foster.....             | 1858            | Tuscaloosa, Ala.         |
| Univ. of Arizona.....   | June 31                         | 11  | 10                 | .....                            | .....           | .....                    |
| Univ. of Arkansas†  | June 21                         | 631   | 600                | Class of '75, 7 graduates living | by              | last report.             |
| Univ. of California†  | May 16                          | 3,774                                       | 1,637              | .....                            | .....           | .....                    |
| Univ. of Chicago.....   | (b)                             | 1,950                                       | 1,875              | Thomas W. Hyde.....              | 1861            | Bath, Me.                |
| Univ. of Cincinnati†  | June 12                         | (y) 429                                     | (y) 420            | Rev. Frank McFarland.....        | 1877            | Cincinnati, Ohio.        |
| Univ. of Colorado†  | June 7                          | 612   | 594                | Rich. H. Whiteley.....           | 1882            | Boulder, Col.            |
| Univ. of Denver.....  | June 13                         | 449   | .....              | James O. Campbell, M. D.         | 1882            | Ogden, Utah.             |
| Univ. of Georgia.....   | June 20                         | 2,228                                       | .....              | Rev. A. H. Mitchell, D. D.       | 1828            | Sunmerville, Ala.        |
| Univ. of Idaho.....   | June 13                         | 51  | 31                 | Stella Maude Allen.....          | 1896            | Moscow.                  |
| Univ. of Illinois†  | June 13                         | 3,573                                       | 3,430              | James N. Matthews, M. D.         | 1872            | Mason, Ill.              |
| Univ. of Kansas.....  | June 6                          | 1,810                                       | 1,569              | See note "y." on page 311.       | .....           | .....                    |
| Univ. of Maine.....   | June 13                         | 580   | 547                | Benjamin F. Gould.....           | 1872            | Hollister, Cal.          |
| Univ. of Michigan.....  | June 21                         | 16,169                                      | .....              | Edmund Fish.....                 | 1845            | Hillsboro, Ill.          |
| Univ. of Minnesota†   | June 7                          | 2,887                                       | 2,800              | See note "i." on page 311.       | .....           | .....                    |
| Univ. of Mississippi†   | June 6                          | 1,300                                       | 1,000              | Thomas Elliott Bugg.....         | 1851            | Starke, Fla.             |
| Univ. of Missouri†  | June 6                          | 2,103                                       | .....              | Robt. B. Todd.....               | 1843            | New Iberia, La.          |
| Univ. of Montana.....   | June 6                          | 7   | 7                  | Mrs. Ella R. Gienny.....         | 1838            | Missoula, Mont.          |
| Univ. of Nashville.....   | May 7                           | .....                                       | .....              | Edwin H. Ewing.....              | 1826            | Murfreesboro, Tenn.      |
| Univ. of Nebraska.....  | June 7                          | 1,235                                       | .....              | Jas. S. Dales, Wm. H. Snell.     | 1873            | Lincoln, Neb.; Tacoma    |
| Univ. of N. Mexico†   | June 7                          | 29  | 29                 | Charles E. Hodgkin.....          | 1894            | Abuquerque, N. M.        |
| Univ. of N. Carolina.   | June 6                          | 2,351                                       | .....              | Cadwallader Jones, A. B.....     | 1832            | Columbia, S. C.          |
| Univ. of N. Dakota.   | June 14                         | 128   | 124                | .....                            | .....           | .....                    |
| Univ. of Notre Dame   | June 14                         | .....                                       | .....              | Rev. D. B. Kilroy.....           | 1849            | Stratford, Ont.          |
| Univ. of Oklahoma†  | June 8                          | .....                                       | 21                 | C. R. Hume; R. P. Stoops.....    | 1898            | Anadarko, Ok.; Bat. C'k  |
| Univ. of Omaha.....   | June 7                          | 276   | .....              | .....                            | .....           | .....                    |
| Univ. of Oregon.....  | June 14                         | .....                                       | .....              | .....                            | .....           | .....                    |
| Un. of Pennsylvania†  | June 13                         | 18,401                                      | 15,087             | Robt. B. Davidson, A. M.....     | 1826            | Philadelphia, Pa.        |
| Univ. of Rochester.....   | June 20                         | 1,282                                       | 1,080              | .....                            | .....           | .....                    |
| Univ. of S. Dakota.....   | June 13                         | 187   | 182                | Clarence B. Antisdel.....        | 1882            | Congo Free State, Af.    |

| COLLEGES—TABLE TWO.<br>For explanation of signs, see<br>page 311 | Com-<br>mencement<br>Day, 1900. | Grada-<br>tes since<br>Organi-<br>zation.* | Alumni<br>Living.* | Earliest Graduate Living.     | Grada-<br>uated. | Present Address.      |
|--|---------------------------------|--|--------------------|-------------------------------|------------------|-----------------------|
| Univ of Tennessee†   | June 20...                      | ....                                       | ....               | Joseph L. King .....          | 1829             | Atlanta, Ga.          |
| Univ of Texas†   | June 20                         | 800  | 790                | Samuel Clark Red .....        | 1885             | Houston, Tex.         |
| Univ. of the Pacific†  | May 24...                       | 519  | 470                | Geo. W. Blackford, B. S. .... | 1859             | San José, Cal         |
| Univ. of the South   | Aug. 2...                       | 337  | 319                | J. J. Hanna, C. E. ....       | 1873             | New Orleans, La.      |
| Univ of Utah†  | June 13...                      | 679  | ....               | William Bradford .....        | 1876             | Salt Lake City, Utah. |
| Univ. of Vermont†  | June 27...                      | 3,333                                      | ....               | ....                          | ....             | ....                  |
| Univ of Virginia...  | June 13...                      | ....                                       | ....               | Thos. S. McClelland .....     | 1829             | Norwood, Va.          |
| Univ. of Washingnt†  | May 31...                       | 224  | 210                | Mrs. Clara McCarty Wilt, B.S. | 1876             | Tacoma, Wash.         |
| Univ. of Wisconsin†  | June 21...                      | 4,007                                      | ....               | Levi Booth .....              | 1854             | Denver, Col.          |
| Univ. of Woostert†   | June 14...                      | 950  | ....               | Rev. John C. Miller .....     | 1871             | Emporia, Kan.         |
| Univ of Wyoming†   | June 21...                      | 62   | 62                 | W. H. Bramel .....            | 1891             | Salt Lake City, Utah. |
| Upper Iowa Univ. †   | June 14...                      | 335  | 308                | Rev. J. L. Paine .....        | 1862             | Fayette, Iowa.        |
| Ursinus College†   | June 14...                      | 357  | 322                | ....                          | ....             | ....                  |
| U. S. Mil. Academy.  | June 1...                       | 3,939                                      | ....               | Col. Joseph S. Bryce .....    | 1829             | Newport, R. I.        |
| U. S. Naval Acad.  | June 8...                       | 2,398                                      | ....               | Rear-Ad. F. V. McNair, U.S.N  | 1853             | Annapolis, Md.        |
| Vanderbilt Univ. †   | June 20...                      | 3,600                                      | 3,200              | H. W. Morgan, M.D., D.D.S     | 1876             | Nashville, Tenn.      |
| Vassar College†  | June 13...                      | 1,509                                      | ....               | ....                          | ....             | ....                  |
| Villanova College...   | June 21...                      | ....                                       | ....               | J. Henry Magee .....          | 1848             | Bala, Pa.             |
| Virginia Mil. Inst.  | June 21...                      | 1,711                                      | 1,200              | Dr. O. M. Knight .....        | 1842             | Oliveville, Va.       |
| Virginia Poly. Inst  | June 21...                      | 266  | 258                | A. B. Davis .....             | 1876             | Richmond, Va.         |
| Wabash College...  | June 13...                      | 795  | 624                | John M. Cowan .....           | 1842             | Springfield, Mo.      |
| Wake Forest College  | May 31...                       | 665  | ....               | Dr. David R. Wallace .....    | 1850             | Waco, Tex.            |
| Washburn College†  | June 13...                      | 172  | 163                | Rev. Perley M. Griffin .....  | 1869             | Brockton, Mass.       |
| Wash. Col. † (Tenn.)   | May 10...                       | 167  | 142                | Eben F. Perkins .....         | 1849             | Chestertown, Md.      |
| Washington Univ. †   | June 14...                      | 3,669                                      | ....               | Judge O. P. Temple .....      | 1844             | Knoxville, Tenn.      |
| Wash. & Jeff. Coll   | June 20...                      | 3,849                                      | 2,200              | Francis Wyeth .....           | 1827             | Harrisburg, Pa.       |
| Wash. & Lee Univ.  | June 20...                      | ....                                       | 2,800              | ....                          | ....             | ....                  |
| Wellesley College†   | June 26...                      | 1,729                                      | 1,667              | ....                          | ....             | ....                  |
| Wells College†   | June 14...                      | 175  | 168                | Jeannette Daggett .....       | 1869             | New York City, N. Y.  |
| Wesleyan Univ. †   | June 27...                      | 2,122                                      | 1,544              | Daniel Henry Chase, LL.D      | 1833             | Middletown, Ct.       |
| Western College†   | June 14...                      | ....                                       | 300                | See note "r," on page 311     | ....             | ....                  |
| West. Maryl'd Coll. †  | June 13...                      | 445  | 381                | William S. Crouse .....       | 1871             | Denton, Md.           |
| West. Reserve Univ. †  | June 14...                      | 1,500                                      | 900                | ....                          | ....             | ....                  |
| Western Un. of Pa†   | June 14...                      | 1,760                                      | ....               | Daniel Agnew, LL.D .....      | 1825             | Beaver, Pa.           |
| Westfield College†   | June 14...                      | 215  | 210                | Thomas S. Pittman .....       | 1869             | Hammond, Kan.         |
| Westminster C. (Mo.)   | June 7...                       | 274  | 239                | See note "z," on page 311.    | ....             | ....                  |
| Westmin r Col. † (Pa)  | June 13...                      | ....                                       | ....               | Rev. W. P. Shaw .....         | 1854             | Midway, Pa.           |
| West Virginia Univ.  | June 21...                      | 634  | ....               | M. H. Dent, A. M. ....        | 1870             | Grafton, W. Va.       |
| Wheaton College†   | June 28...                      | 250  | 250                | ....                          | ....             | ....                  |
| Whitman College†   | June 13...                      | 507  | 282                | C. C. Gose .....              | ....             | Walla Walla, Wash.    |
| Wilberforce Univ. †  | May 17...                       | 269  | 241                | Rev. Thomas H. Jackson .....  | 1870             | Little Rock Ark       |
| Wiley University†  | May 16...                       | 73   | 68                 | Rev. William Wesley .....     | 1884             | Yarborough, Tex.      |
| Willamette Univ. †   | June 21...                      | 708  | 626                | T. H. Crawford, A. M. ....    | 1863             | Corvallis, Ore.       |
| William & Mary C   | June 29...                      | ....                                       | ....               | ....                          | ....             | ....                  |
| William Jewell Col.  | June 13...                      | 400  | ....               | De Witt C. Allen .....        | 1855             | Liberty, Mo.          |
| Williams College...  | June 27...                      | 3,760                                      | 1,250              | Joseph L. Partridge .....     | 1838             | Brooklyn, N Y         |
| Wilmington College†  | June 22...                      | 99   | 90                 | Miss Ellen C. Wright, A. M.   | 1875             | Wilmington, Ohio.     |
| Wilson College†  | June 7...                       | ....                                       | ....               | ....                          | ....             | ....                  |
| Wofford College...   | June 12...                      | 500  | ....               | Samuel Dibble, LL.D. ....     | 1856             | Orangeburg S.C.       |
| Worcester Poly. Ins.   | June 21...                      | 823  | 775                | Harry P. Armsby .....         | 1871             | State College, Pa.    |
| Yale University...   | June 27...                      | 19,000                                     | 10,500             | Benjamin D. Silliman .....    | 1824             | Brooklyn N Y          |
| Yankton College†   | June 20...                      | 97   | 95                 | Gustave G. Wenzlaff .....     | 1883             | Yankton S Dak.        |
| York College†  | June 13...                      | 134  | 134                | Minnie Buswell .....          | 1894             | Beatrice Neb.         |

TABLE THREE—FINANCIAL STATISTICS OF UNIVERSITIES AND COLLEGES

COST OF TUITION AND OTHER EXPENSES OF EDUCATION ITEMIZED, AND INCOME FROM PRODUCTIVE FUNDS AND BENEFICIARIES DURING THE LAST COLLEGE YEAR. COMMUNICATED TO "THE WORLD ALMANAC" BY THE COLLEGES.

| COLLEGES<br>For explanation of signs, see<br>page 311. | Tuition—<br>Cost per<br>Annum. | Living<br>Expenses,<br>Board, etc. | Other Ex-<br>penses—Fees,<br>Books, etc. | Productive<br>Funds—<br>Amount of. | Receipts<br>from<br>Beneficiars. | Total Income.<br>Including Tuition or<br>Incidental Charges. |
|--|--------------------------------|------------------------------------|--|------------------------------------|----------------------------------|--|
| Add Ran Christian Univ.                                | \$45                           | \$125                              | \$10                                     | \$16,000                           | \$10 000                         | \$20 000   |
| Adelphi College.....                                   | 170                            | 200-390                            | 15                                       | ....                               | ....                             | 98 537   |
| Adrian College .....                                   | 45                             | 126 15                             | 15                                       | 60,000                             | 4,000                            | 23 092   |
| Alabama Poly. Institute.                               | (m) 20                         | 85-135                             | 25                                       | ....                               | ....                             | 58 182   |
| Albion College .....                                   | None.                          | 100 40                             | 40                                       | 228,000                            | 17 150                           | 29 000   |
| Alfred University.....                                 | 38                             | 120-240                            | 10-50                                    | 272,230                            | 7 918                            | 45 284   |
| Allegheny College.....                                 | None.                          | 90-150                             | 60                                       | 200,000                            | 2 000                            | 25 000   |
| Alma College.....                                      | 32                             | 120-150                            | None.                                    | 220,000                            | 140,000                          | 155 000  |
| Am. Temperance Univ.....                               | 25-40                          | 72-100                             | 20                                       | ....                               | ....                             | ....   |
| Amherst College.....                                   | 110                            | 400-600                            | None.                                    | 1 500,000                          | 60,000                           | (c) 100,000  |
| Amity College .....                                    | 24-30                          | 78-117                             | 25                                       | 28,000                             | ....                             | 6 000  |
| Andover Theol. Sem.....                                | None.                          | 150                                | 10                                       | 800,000                            | 3,500                            | 46 000   |
| Antioch College.....                                   | 37.50                          | 145-163                            | None.                                    | 100,000                            | ....                             | 75 000   |
| Arkansas College.....                                  | 36-50                          | 90-108                             | 12-18                                    | ....                               | ....                             | ....   |
| Armour Inst. Technology                                | 75                             | 200                                | 15-35                                    | 1,500,000                          | None.                            | 125,000  |
| Asheville College.....                                 | 100                            | 275                                | 10                                       | None.                              | ....                             | 25,000   |
| Atlanta University.....                                | 16                             | 80                                 | 8  | 35,000                             | 23,250                           | 32 500   |

| COLLEGES—TABLE THREE.<br>For explanation of signs, see<br>page 311. | Tuition—<br>Cost per<br>Annum. | Living<br>Expenses,<br>Board, etc. | Other Ex-<br>penses—Fees,<br>Books, etc. | Productive<br>Funds—<br>Amount of. | Receipts<br>from<br>Benefactions. | Total Income,<br>Including Tuition or<br>Incidental Charges: |
|---|--------------------------------|------------------------------------|--|------------------------------------|-----------------------------------|--|
| Auburn Theological Sem.   | None.                          | \$110                              | None.                                    | \$525,884                          | \$9,879                           | \$66,736   |
| Augsburg Seminary.....  | 325                            | 70                                 | \$20                                     | None.                              | 7,108                             | 12,247   |
| Augustana College.....  | 36                             | 140                                | 30                                       | 325,000                            | 40,610                            | 53,599   |
| Baker University.....   | 28-32                          | 72-135                             | 8-15                                     | .....                              | 25,000                            | 33,000   |
| Baldwin University.....   | 36                             | 100-110                            | 5  | 80,987                             | 557                               | 8,528  |
| Bates College.....  | 50                             | 90-141                             | 40                                       | 353,000                            | 16,000                            | (c) 31,000   |
| Baylor University.....  | 50                             | 100                                | 15                                       | None.                              | None.                             | 28,000   |
| Beloit College.....   | 36                             | 94-203                             | 26-55                                    | .....                              | .....                             | .....  |
| Berea College (Ky.).....  | None.                          | 70                                 | 30                                       | 275,000                            | 19,525                            | 30,525   |
| Bethany College (Kan.).....   | 32-50                          | 92                                 | .....                                    | .....                              | 12,000                            | 22,000   |
| Bethany College (W. Va.)  | 50                             | 130                                | 15                                       | .....                              | .....                             | .....  |
| Bryn Mawr College.....  | 55                             | 100-125                            | 15                                       | 125,000                            | None.                             | 16,500   |
| Bethel College (Tenn.).....   | 40                             | 100                                | 2  | None.                              | None.                             | \$52,600   |
| Biddle University.....  | None.                          | 64                                 | 35                                       | .....                              | .....                             | .....  |
| Boston University.....  | 110                            | 36-180                             | 25                                       | 950,000                            | 55,000                            | 237,991  |
| Bowdoin College.....  | 75                             | 175                                | 50                                       | 629,096                            | 4,760                             | 63,000   |
| Brigham Young College...  | 10                             | 80-100                             | 15-30                                    | 100,000                            | 10,440                            | 29,417   |
| Brown University.....   | 105                            | 400                                | 45                                       | 1,158,676                          | 38,134                            | 142,732  |
| Bryn Mawr College.....  | 125                            | 275                                | 20                                       | 1,000,000                          | 25,000                            | 131,000  |
| Buchtel College.....  | 40                             | 125                                | 60                                       | 175,000                            | 540                               | 15,200   |
| Bucknell University.....  | 50                             | 152                                | .....                                    | 400,000                            | .....                             | .....  |
| Burritt College.....  | 10-40                          | 60-80                              | 2-10                                     | None.                              | None.                             | 2,750  |
| Butler University.....  | 36-45                          | 125-175                            | 20-40                                    | 264,449                            | None.                             | .....  |
| Canisius College.....   | 40                             | 200                                | 20                                       | None.                              | .....                             | .....  |
| Capital University.....   | 40                             | 95                                 | 10                                       | .....                              | .....                             | .....  |
| Carleton College.....   | 40                             | 90-140                             | 10-20                                    | 100,000                            | 3,582                             | 26,898   |
| Carson and Newman Col.  | 35                             | 100                                | 15                                       | 25,000                             | 1,000                             | 5,000  |
| Carthage College.....   | 32                             | 115-170                            | 10                                       | 55,000                             | 10,000                            | 12,600   |
| Case School Appl. Science   | 100                            | 125-250                            | 30-50                                    | .....                              | .....                             | .....  |
| Catawba College.....  | 13-40                          | 60-80                              | 20                                       | 30,000                             | .....                             | .....  |
| Catholic University.....  | 75                             | 300-500                            | 25                                       | 907,805                            | 22,340                            | 87,543   |
| Central College (Mo.).....  | 1160                           | 75-100                             | 20-50                                    | 140,000                            | 13,500                            | (c) 13,000   |
| Central Penn. College.....  | 32-48                          | 100                                | 15                                       | 33,000                             | 6,000                             | 9,318  |
| Central Tenn. College.....  | 12-30                          | 100                                | 5-20                                     | 20,000                             | 5,000                             | 23,875   |
| Central Univ. of Iowa.....  | 24                             | 75                                 | 20-30                                    | 25,000                             | .....                             | \$54,671   |
| Central Univ. of Ky.....  | 60                             | 175-240                            | 50                                       | 150,000                            | .....                             | .....  |
| Central Wesleyan College  | 24-36                          | 100                                | 10                                       | 70,000                             | .....                             | 9,680  |
| Centre College (Ky.).....   | 50                             | 106-170                            | 21-31                                    | .....                              | .....                             | .....  |
| Charles City College.....   | 36                             | 100                                | 15                                       | 18,000                             | 10,400                            | (c) 5,300  |
| Charleston College.....   | 40                             | 103                                | 10                                       | 299,000                            | None.                             | 14,600   |
| Christian University.....   | 30                             | 110-140                            | 10                                       | 18,000                             | 1,200                             | 5,000  |
| Clafin University (a).....  | 20                             | 100                                | .....                                    | None.                              | 8,000                             | 30,000   |
| Clark University (Ga.).....   | None.                          | 80                                 | 10                                       | None.                              | .....                             | .....  |
| Clark University (Mass.)  | 100                            | 200                                | None.                                    | .....                              | .....                             | .....  |
| Clemson Agr. College.....   | (m) 40                         | 140                                | 2  | 80,000                             | .....                             | 85,000   |
| Coe College.....  | 37                             | 125-150                            | 15-25                                    | 60,000                             | 2,500                             | 10,400   |
| Colby College.....  | 60                             | 128                                | 25                                       | 473,300                            | 4,788                             | 30,379   |
| Colgate University.....   | 60                             | 150                                | 25                                       | 1,500,000                          | 30,600                            | 93,261   |
| College of City of N. Y.....  | None.                          | None.                              | None.                                    | 45,050                             | 500                               | 189,481  |
| Colorado College.....   | 35                             | 150-250                            | 50                                       | 350,000                            | 15,000                            | 30,000   |
| Columbia University.....  | 150-200                        | 195-477                            | 42-202                                   | 9,500,000                          | 518,667                           | (c) 854,326  |
| Columbian University.....   | 100                            | 160-240                            | 20                                       | 256,075                            | 2,500                             | 103,359  |
| Concordia College.....  | (t) 40                         | 72                                 | 8  | .....                              | .....                             | .....  |
| Cornell College (Iowa).....   | 41                             | 104-248                            | 40                                       | 100,000                            | 140,000                           | (c) 26,887   |
| Cornell University (N. Y.)  | 100-150                        | 200-500                            | 15                                       | 6,467,482                          | 64,855                            | 687,998  |
| Cotner University.....  | 30                             | 80-125                             | 35                                       | None.                              | 13,000                            | .....  |
| Cumberland University...  | 50-100                         | 90-140                             | 10                                       | 90,000                             | .....                             | 15,000   |
| Dartmouth College.....  | 100                            | 200-500                            | 50                                       | 2,500,000                          | 130,000                           | (c) 120,000  |
| Davidson College.....   | 60                             | 75-125                             | 15-25                                    | 120,000                            | 8,000                             | 17,500   |
| Defiance College.....   | 30                             | 80                                 | 10                                       | None.                              | 500                               | 2,500  |
| Delaware College.....   | (m) 60                         | 125-175                            | 25-50                                    | 83,000                             | .....                             | 40,925   |
| Denison University.....   | 39                             | 125-150                            | 25                                       | 410,000                            | .....                             | 35,000   |
| De Pauw University.....   | None.                          | 180-250                            | 40-50                                    | 290,000                            | 7,500                             | 28,500   |
| Des Moines College.....   | 36                             | 126-236                            | 33                                       | 56,509                             | 4,955                             | 11,845   |
| Dickinson College.....  | 6, 25                          | 125                                | 90                                       | 3,000,000                          | 16,902                            | 43,000   |
| Doane College.....  | 24                             | 104                                | 30                                       | 76,657                             | 8,180                             | 27,000   |
| Drake University.....   | (u) 40                         | 117-216                            | 5-25                                     | 125,000                            | 50,000                            | (c) 40,000   |
| Drew Theol. Seminary....  | None.                          | 108                                | 15                                       | 400,000                            | 100,000                           | (c) 31,000   |
| Drury College.....  | 30-48                          | 110-160                            | 20                                       | 240,000                            | 2,500                             | 22,500   |
| Earlham College.....  | 76                             | 150                                | 25                                       | 120,000                            | 5,000                             | 36,000   |
| Elmira College.....   | 75                             | 245                                | 8  | 70,000                             | .....                             | .....  |
| Elon College.....   | 50                             | 75-100                             | 25                                       | .....                              | .....                             | .....  |
| Emory and Henry Coll....  | 50                             | 118-150                            | 10-25                                    | 28,000                             | .....                             | 8,000  |
| Emory College.....  | 60                             | 75-140                             | 25                                       | 145,000                            | 3,883                             | 23,389   |
| Emporia College.....  | 30                             | 175                                | .....                                    | None.                              | .....                             | 9,000  |
| Erskine College.....  | 30                             | 115                                | 20                                       | 86,000                             | .....                             | .....  |
| Eureka College.....   | 49                             | 175                                | .....                                    | .....                              | .....                             | .....  |
| Ewing College.....  | 30                             | 68-88                              | 15                                       | 20,000                             | 25,000                            | .....  |
| Fargo College.....  | 30                             | 120-150                            | 20-30                                    | 32,000                             | 15,924                            | (c) 11,900   |
| Flindley College.....   | 32                             | 100-150                            | 8  | 51,000                             | 1,935                             | 10,315   |
| Fisk University.....  | 14                             | 105                                | 11                                       | 41,841                             | 250                               | 40,091   |
| Fort Worth University....   | 27-50                          | 128-160                            | 21                                       | .....                              | 9,500                             | 3,156  |
| Franklin College (Ind.)...  | 24                             | 120                                | 15                                       | 203,000                            | 75,000                            | (c) 17,600   |
| Franklin College (Ohio)...  | 40                             | 80                                 | .....                                    | None.                              | None.                             | \$52,400   |

306 *Universities and Colleges of the United States.—Continued.*

| COLLEGES—TABLE THREE.<br>For explanation of signs, see<br>page 311. | Tuition—<br>Cost per<br>Annum. | Living<br>Expenses,<br>Board, etc. | Other Ex-<br>penses—Fees,<br>Books, etc. | Productive<br>Funds—<br>Amount of. | Receipts<br>from<br>Benefactions. | Total Income,<br>Including Tuition of<br>Incidental Charges. |
|---|--------------------------------|------------------------------------|--|------------------------------------|-----------------------------------|--|
| Franklin & Marshall Coll.   | None.                          | \$129.50                           | \$85                                     | \$350,000                          | \$15,000                          | \$26,950   |
| Furman University.....  | \$50                           | 60-100                             | 25                                       | 65,000                             | .....                             | 11,950   |
| Gale College.....   | 33                             | 120                                | .....                                    | 10,000                             | 2,000                             | 4,000  |
| Gen'l Theol. Sem. (P. E.)..   | None.                          | 225                                | .....                                    | 1,966,126                          | 88,277                            | 88,379   |
| Geneva College.....   | 42                             | 108                                | 92                                       | 111,000                            | .....                             | 11,000   |
| Georgetown College (Ky.)  | 45                             | 80-140                             | 20                                       | 225,000                            | .....                             | 23,500   |
| Georgetown Univ. (D. C.)..  | 100                            | 237                                | 20                                       | 35,000                             | 50,000                            | (c) 131,585  |
| Grant College.....  | None.                          | None.                              | None.                                    | 15,533,343                         | None.                             | 1,411,289  |
| Grant University.....   | (f) 18-50                      | 75                                 | 9  | 10,000                             | 8,000                             | 22,218   |
| Greensboro College.....   | 60                             | 130                                | 25                                       | None.                              | .....                             | 26,000   |
| Greenville and Tus. Coll.   | 29-38                          | 105                                | 10                                       | 1,800                              | 2,300                             | 4,200  |
| Girard College.....   | 30                             | 125                                | 5  | 50,000                             | None.                             | 17,500   |
| Grove City College.....   | 43-100                         | 111                                | .....                                    | .....                              | 6,500                             | 25,000   |
| Guilford College.....   | 52                             | 81                                 | 10                                       | 50,000                             | 1,000                             | 18,000   |
| Gustavus Adolphus Coll.   | 29-45                          | 150-175                            | 15-25                                    | .....                              | .....                             | 17,000   |
| Hamilton College.....   | 75                             | 300                                | 50                                       | 506,000                            | 20,000                            | (c) 36,000   |
| Hamline University.....   | 36                             | 126                                | 22                                       | .....                              | .....                             | .....  |
| Hampden-Sidney College  | 50                             | 100-162                            | 35                                       | 150,000                            | 1,500                             | 13,500   |
| Hampton Nor. & A. I. (W.)   | 30-70                          | 80-100                             | None.                                    | 726,401                            | 136,416                           | 159,084  |
| Hanover College.....  | None.                          | 125-200                            | 40-50                                    | 200,000                            | 10,000                            | 13,000   |
| Hartford Theol. Sem.....  | None.                          | 132                                | 100                                      | 180,000                            | 17,554                            | 38,000   |
| Harvard University.....   | 150-200                        | 200-500                            | 25 up.                                   | 11,766,371                         | 1,644,329                         | (c) 1,234,740  |
| Haverford College.....  | 150                            | 350                                | 25                                       | 750,000                            | 48,000                            | 118,000  |
| Hedding College.....  | 44                             | 100-150                            | 15-20                                    | 30,000                             | .....                             | .....  |
| Heidelberg University.....  | 36                             | 125                                | 25-50                                    | 100,000                            | .....                             | 9,590  |
| Hendrix College.....  | 60                             | 100                                | 20                                       | .....                              | 1,100                             | 5,000  |
| Henry College.....  | 45                             | 85-100                             | 12                                       | None.                              | None.                             | 15,000   |
| Highland University.....  | 25                             | 120                                | 10                                       | 40,000                             | 1,400                             | 4,500  |
| Hillsdale College.....  | 1.50                           | 88                                 | 162                                      | 240,000                            | .....                             | 15,800   |
| Hiram College.....  | 36                             | 100-133                            | 25                                       | 150,000                            | 40,000                            | (c) 20,000   |
| Hiwasee College.....  | 30-40                          | 100                                | 25                                       | .....                              | .....                             | .....  |
| Hobart College.....   | 75                             | 160-200                            | 40-60                                    | 451,873                            | 44,065                            | 78,668   |
| Holy Cross College.....   | 60                             | 200                                | 10                                       | 5,000                              | .....                             | 18,200   |
| Hope College (Mich.).....   | 18                             | 125-175                            | 25                                       | 206,329                            | .....                             | .....  |
| Howard College (Ala.).....  | 60                             | 100                                | 25-35                                    | 13,000                             | 34,000                            | 47,000   |
| Howard University (D. C.)   | (f)                            | 100                                | 25                                       | 40,000                             | 2,500                             | .....  |
| Howard Payne College.....   | 40-50                          | 70                                 | 10                                       | .....                              | 28,000                            | 35,000   |
| Huron College.....  | 30                             | 95-125                             | 15                                       | None.                              | 4,108                             | 6,158  |
| Illinois College.....   | 50                             | 125                                | 15                                       | .....                              | .....                             | .....  |
| Illinois Wesleyan Univ....  | 47                             | 125-150                            | 15                                       | 75,000                             | .....                             | .....  |
| Indiana University.....   | None.                          | 150                                | 38-53                                    | 600,000                            | .....                             | 130,000  |
| Iowa College.....   | 55                             | 108-200                            | 26-55                                    | 290,000                            | 36,000                            | 58,000   |
| Iowa State College.....   | None.                          | 150                                | (y)                                      | 682,833                            | None.                             | 131,344  |
| Iowa Wesleyan Univ.....   | 40                             | 120                                | 29                                       | 55,000                             | .....                             | .....  |
| John B. Stetson Univ.....   | 60                             | 148                                | 10                                       | 200,000                            | 5,000                             | 25,000   |
| Johns Hopkins Univ.....   | 150-200                        | 158                                | 25-41                                    | 3,000,000                          | .....                             | 575,000  |
| Kalamazoo College.....  | 25.50                          | 175-200                            | 15-20                                    | 196,583                            | 4,397                             | 22,806   |
| Kansas Wesleyan Univ....  | 33                             | 60-100                             | 20-50                                    | None.                              | .....                             | 13,000   |
| Kentucky University.....  | 22                             | 160-200                            | 42                                       | 203,581                            | None.                             | .....  |
| Kentucky Wesleyan Coll.   | 50                             | 125-240                            | .....                                    | 35,000                             | .....                             | .....  |
| Kenyon College.....   | 100                            | 300                                | None.                                    | 300,000                            | 43,000                            | .....  |
| Keuka College.....  | 36                             | 114                                | .....                                    | 120,000                            | 13,000                            | 19,376   |
| King College.....   | 50                             | 90-100                             | 10-20                                    | 17,000                             | .....                             | 2,800  |
| Knox College.....   | 50                             | 165                                | 17                                       | 227,776                            | 14,800                            | (c) 28,073   |
| La Fayette College (Ala.)   | None.                          | 90                                 | 18                                       | None.                              | 1,500                             | 3,500  |
| Lafayette College (Pa.)...  | 100                            | 185                                | 32                                       | 302,000                            | 10,000                            | 50,000   |
| La Grange College.....  | 40                             | 38-95                              | 10                                       | 12,000                             | 150                               | 3,150  |
| Lake Forest College.....  | 40                             | 163-440                            | 24                                       | 525,000                            | 70,000                            | (c) 104,000  |
| Lane Theological Sem.....   | None.                          | 200                                | .....                                    | 351,000                            | None.                             | .....  |
| La Salle College.....   | 80                             | .....                              | 20                                       | None.                              | .....                             | .....  |
| Lawrence University.....  | 6                              | 111                                | 35                                       | .....                              | 12,000                            | 24,600   |
| Lebanon Valley College...   | 40                             | 146                                | 18                                       | .....                              | .....                             | 18,000   |
| Lehigh University.....  | 60-100                         | 175-320                            | 25-50                                    | .....                              | .....                             | 110,000  |
| Leland Stanford, Jr. Univ.  | 20-30                          | 180-225                            | 10-60                                    | ##                                 | None.                             | 250,000  |
| Leland University.....  | None.                          | 90                                 | 5  | 117,500                            | 1,409                             | 7,589  |
| Lenox College.....  | 30                             | 90-140                             | 6-20                                     | .....                              | .....                             | .....  |
| Liberty College.....  | 20-40                          | 120                                | 15                                       | None.                              | None.                             | .....  |
| Lima College.....   | 25-40                          | 100-150                            | 6-15                                     | .....                              | 12,000                            | 17,000   |
| Lincoln University (Ill.)...  | 25                             | 200                                | 10                                       | 59,540                             | 4,850                             | 9,847  |
| Livingstone College.....  | 65                             | (i)                                | 25                                       | 2,500                              | 7,500                             | 15,600   |
| Lombard College.....  | 35                             | 75-125                             | 25-30                                    | 153,000                            | 6,000                             | 21,000   |
| Louisiana State Univer....  | None.                          | 120                                | 10-40                                    | .....                              | None.                             | 47,333   |
| Macalester College.....   | 45                             | 125-225                            | .....                                    | .....                              | .....                             | .....  |
| Manhattan College.....  | 75-100                         | 250                                | 5-20                                     | None.                              | None.                             | 39,366   |
| Marietta College.....   | 30                             | 125-175                            | 10                                       | 200,000                            | 100,000                           | (c) 21,000   |
| Maryville College.....  | 12                             | 57                                 | 8  | 200,000                            | 10,000                            | 20,945   |
| Mass. Agricultural Coll....   | (m) 80                         | 250                                | 50                                       | 360,575                            | .....                             | 44,298   |
| Mass. Inst. Technology...   | 200                            | 200-500                            | 35-40                                    | 1,109,464                          | 78,820                            | 331,035  |
| McCormick Theol. Sem.....   | None.                          | 125                                | 75                                       | 470,000                            | .....                             | .....  |
| McKendree College.....  | 36                             | 123                                | 10                                       | 35,000                             | 2,500                             | 5,000  |
| McMinnville College.....  | 33                             | 100                                | 15                                       | 40,000                             | .....                             | 4,600  |
| Mercer College.....   | 55                             | 75-10                              | 12                                       | 165,000                            | 34,000                            | 42,000   |
| Miami University.....   | None.                          | 108                                | 40                                       | 73,875                             | None.                             | 37,874   |
| Michigan Agricul. Col.....  | (m) 15                         | 150-225                            | (y)                                      | 694,000                            | None.                             | 151,381  |



| COLLEGES—TABLE THREE.<br>For explanation of signs, see<br>page 311. | Tuition—<br>Cost per<br>Annum. | Living<br>Expenses,<br>Board, etc. | Other Ex-<br>penses—Fees,<br>Books, etc. | Productive<br>Funds—<br>Amount of. | Receipts<br>from<br>Benefactions. | Total Income,<br>Including Tuition<br>Incidental Charges. |
|---|--------------------------------|------------------------------------|--|------------------------------------|-----------------------------------|---|
| Middlebury College.....   | \$60                           | \$145                              | \$45                                     | \$384,000                          | .....                             | \$24,000  |
| Midland College.....  | 30-40                          | 100                                | 15-25                                    | 24,657                             | \$5,514                           | 10,704  |
| Milligan College.....   | 24-36                          | 100-136                            | 15-40                                    | .....                              | 600                               | 4,100   |
| Mills College.....  | (i) 360                        | (i)                                | 25                                       | .....                              | 20,000                            | .....   |
| Millsaps College.....   | 30                             | 108                                | 18                                       | 110,000                            | 1,500                             | 11,000  |
| Milton College.....   | 24-36                          | 120-200                            | 5-15                                     | 83,743                             | 26.50                             | 10,083  |
| Miss. Agri. & Mech. Col.  | (m) 20                         | 94                                 | 35                                       | 98,575                             | .....                             | 66,115  |
| Mississippi College.....  | 35                             | 85-125                             | 20                                       | 39,000                             | 3,300                             | 10,000  |
| Missouri Valley College.....  | 25-40                          | 100-160                            | 5-20                                     | 112,000                            | 1,500                             | 20,415  |
| Monmouth College.....   | 40                             | 125                                | 15                                       | 100,000                            | .....                             | .....   |
| Moore's Hill College.....   | 36, 75                         | 80-100                             | 15-25                                    | 20,140                             | 1,950                             | 5,300   |
| Morningside College.....  | 30                             | 108-126                            | 25                                       | .....                              | .....                             | .....   |
| Morris Brown College.....   | 9                              | 52                                 | 12                                       | .....                              | .....                             | .....   |
| Morrisville College.....  | 40                             | 75-100                             | 18                                       | .....                              | .....                             | .....   |
| Mount Angel College.....  | 50                             | 150                                | 10                                       | .....                              | .....                             | .....   |
| Mt. Holyoke College.....  | 100                            | 150-180                            | 25-50                                    | 470,000                            | 168,438                           | (c) 112,600   |
| Mount St. Mary's College  | (i) 300                        | (i)                                | 30                                       | None.                              | .....                             | .....   |
| Mount Union College.....  | 30                             | 90                                 | 20                                       | 62,800                             | 2,106                             | 16,584  |
| Muhlenberg College.....   | 50, 75                         | 117-156                            | 15-25                                    | 155,780                            | 12,312                            | (c) 16,892  |
| Muskingum College.....  | 38                             | 85-100                             | 8-12                                     | 36,500                             | 5,246                             | (c) 7,723   |
| Nebraska Wesleyan Univ.   | 20                             | 120                                | 10                                       | 10,000                             | 12,009                            | 17,902  |
| Nevada State University.  | None.                          | 150-200                            | 10-30                                    | .....                              | 12,000                            | 56,522  |
| Newberry College.....   | 40                             | 60-108                             | 55                                       | 32,000                             | .....                             | 6,000   |
| Newton Theol. Inst.....   | None.                          | 165                                | 50                                       | 500,000                            | .....                             | 32,000  |
| New York Univ.....  | 100-180                        | 200-400                            | 35-55                                    | 2,239,859                          | 327,000                           | 595,768   |
| Niagara University.....   | 100                            | 100                                | 15                                       | None.                              | .....                             | .....   |
| North Carolina College.....   | 40                             | 70-90                              | 10-20                                    | 8,000                              | None.                             | .....   |
| Northern Illinois College.  | 40                             | 150                                | 15                                       | .....                              | .....                             | .....   |
| Northwestern Coll. (Ill.)   | 33-39                          | 125-200                            | 10-20                                    | 100,000                            | 10,000                            | .....   |
| Northwestern Univ. (Ill.)   | 69-150                         | 122-262                            | .....                                    | 2,465,827                          | .....                             | 27,750  |
| Northwest Missouri Coll.  | 45                             | 100-150                            | 15-50                                    | None.                              | .....                             | 15,000  |
| Oberlin College.....  | 50-75                          | 125-250                            | 15-75                                    | 1,002,477                          | 65,758                            | (c) 142,259   |
| Ogden College.....  | 25-40                          | 125-150                            | 30                                       | 130,000                            | None.                             | 8,920   |
| Ohio State University.....  | 15-60                          | 144-348                            | .....                                    | 552,617                            | 925                               | 27,593  |
| Ohio Univ. (Athens, O.)...  | None.                          | 100-200                            | 22-55                                    | None.                              | None.                             | 42,000  |
| Ohio Wesleyan Univ.....   | 46                             | 150                                | 25                                       | 1,080,631                          | 250,000                           | (c) 57,106  |
| Olivet College.....   | 45                             | 110-150                            | 25                                       | 130,000                            | 52,000                            | 64,000  |
| Ottawa University.....  | 27-30                          | 90-150                             | 10-15                                    | 80,000                             | None.                             | 14,000  |
| Otterbein University.....   | 41                             | 110                                | .....                                    | 70,000                             | 2,500                             | 17,500  |
| Onachita Baptist College.   | 50                             | 75-135                             | .....                                    | None.                              | .....                             | .....   |
| Oxford College.....   | 50                             | 230                                | 15                                       | .....                              | .....                             | .....   |
| Pacific College (Oreg.).....  | 35                             | 100                                | .....                                    | 8,000                              | .....                             | .....   |
| Pacific University.....   | 30-45                          | 125                                | .....                                    | 175,000                            | 6,000                             | 8,500   |
| Park College.....   | 15-30                          | 75-129                             | .....                                    | 200,000                            | .....                             | .....   |
| Parsons College.....  | 38                             | 180-300                            | .....                                    | 160,000                            | .....                             | .....   |
| Penn. College (Iowa).....   | 38                             | 100-125                            | 9  | 30,000                             | .....                             | .....   |
| Pennsylvania College.....   | 30                             | 122-215                            | 26-45                                    | 210,000                            | 5,500                             | 26,757  |
| Penna. Military College.....  | 500                            | (i)                                | 160                                      | .....                              | .....                             | .....   |
| Pennsylvania State Coll.  | (m) 100                        | 180                                | 50                                       | 517,000                            | None.                             | 115,679   |
| Philander Smith College..   | 12                             | 70                                 | 5  | None.                              | 2,146                             | 3,546   |
| Philomath College.....  | 25                             | 100                                | 10                                       | 5,000                              | .....                             | .....   |
| Polytechnic College (Tex.)  | 50                             | 70-200                             | 11-41                                    | None.                              | 5,000                             | 13,250  |
| Polytechnic Institute.....  | 40-50                          | 250-350                            | .....                                    | 110,000                            | .....                             | .....   |
| Portland University.....  | 44-52                          | 90-108                             | 55-65                                    | None.                              | 1,200                             | 6,300   |
| Princeton Theol. Sem.....   | None.                          | 99                                 | 12                                       | 1,304,794                          | 7,360                             | 88,407  |
| Princeton University.....   | 150                            | 200-500                            | .....                                    | .....                              | .....                             | .....   |
| Purdue University.....  | None.                          | 160                                | 35-50                                    | 340,000                            | None.                             | 161,032   |
| Radcliffe College.....  | 200                            | 300                                | .....                                    | 400,000                            | 54,249                            | .....   |
| Randolph-Macon College.   | 75                             | 120                                | 35                                       | 120,000                            | .....                             | .....   |
| Red River Valley Univ.....  | 36                             | 108-144                            | 10-20                                    | 3,000                              | 1,141                             | 2,450   |
| Rensselaer Poly. Inst.....  | 200                            | 190-370                            | 58                                       | .....                              | .....                             | .....   |
| Richmond College (Ohio).  | 36                             | 100-150                            | 15                                       | None.                              | .....                             | .....   |
| Richmond College (Va.)...   | 70                             | 125-150                            | 25                                       | 270,000                            | 20,000                            | (c) 28,000  |
| Rio Grande College.....   | 24-28                          | 100                                | 10-30                                    | 69,000                             | 200                               | 6,200   |
| Ripon College.....  | 30-36                          | 92-150                             | 24-33                                    | 201,548                            | 30                                | 20,240  |
| Roanoke College.....  | 50                             | 84-140                             | 20-40                                    | 65,000                             | 7,200                             | 14,200  |
| Rock Hill College.....  | (i) 260                        | (i)                                | 50                                       | None.                              | None.                             | .....   |
| Roger Williams Univ. (d.)   | 8                              | 72                                 | 16                                       | .....                              | 195                               | .....   |
| Rollins College.....  | 33-50                          | 132                                | .....                                    | .....                              | .....                             | .....   |
| Rose Polytechnic Inst.....  | 100                            | 160-200                            | 25                                       | 600,000                            | 50,000                            | .....   |
| Rutgers College.....  | 75                             | 126-216                            | 39-69                                    | .....                              | .....                             | .....   |
| San Francisco Theo. Sem.  | None.                          | 125                                | None.                                    | 400,000                            | .....                             | 16,000  |
| Scio College.....   | 33                             | 105                                | 19                                       | None.                              | None.                             | 18,598  |
| Scotia Seminary.....  | None.                          | 45                                 | 17-24                                    | .....                              | 9,173                             | 14,914  |
| Seton Hall College.....   | (i) 300                        | (i)                                | 30                                       | .....                              | .....                             | .....   |
| Shaw University.....  | (b)                            | 42-64                              | 2-15                                     | 31,238                             | 3,401                             | 24,545  |
| Shurtleff College.....  | 56                             | 135                                | .....                                    | 129,145                            | 14,798                            | (c) 11,966  |
| Simpson College.....  | 31-38                          | 95-123                             | 3-8                                      | 53,013                             | 1,338                             | 12,328  |
| Smith College.....  | 100                            | 300                                | .....                                    | 750,400                            | 128,288                           | .....   |
| South Carolina College.....   | 40                             | 90-130                             | 45                                       | None.                              | .....                             | 30,000  |
| South Dakota University.  | 30                             | 100                                | 15                                       | .....                              | .....                             | .....   |
| Southern Bapt. Theo. Sem.   | None.                          | 90                                 | 20                                       | 465,000                            | .....                             | .....   |
| Southern University.....  | 50                             | 140-170                            | 20                                       | 50,000                             | 1,000                             | 15,000  |
| South Kentucky College..  | 40                             | 110-130                            | 10                                       | .....                              | .....                             | .....   |

308 *Universities and Colleges of the United States.—Continued.*

| COLLEGES—TABLE THREE.<br>For explanation of signs, see<br>page 311. | Tuition—<br>Cost per<br>Annum. | Living,<br>Expenses,<br>Board, etc | Other Ex-<br>penses—Fees,<br>Books, etc. | Productive<br>Funds—<br>Amount of. | Receipts<br>from<br>Benefactions | Total Income,<br>Including Tuition &<br>Incidental Charges |
|---|--------------------------------|------------------------------------|--|------------------------------------|----------------------------------|--|
| S. W. Bapt. Univ. (Tenn.)   | \$40-50                        | \$85                               | .....                                    | .....                              | .....                            | .....  |
| S. W. Presb. Univ. (Tenn.)  | 60                             | 82-160                             | \$76                                     | \$210,000                          | \$45,000                         | \$34,200   |
| Southwestern Univ. (Tex.)   | 60                             | 90-150                             | 25                                       | .....                              | .....                            | .....  |
| Southwest Kansas College  | 36                             | 100                                | 22                                       | None.                              | 3,000                            | 9,722  |
| Spring Hill College.....  | (j) 300                        | (r)                                | .....                                    | None.                              | 1,000                            | 40,000   |
| State Univ. of Iowa.....  | 25-75                          | 126-252                            | .....                                    | 235,000                            | None                             | 151,876  |
| State Univ. of Kentucky..   | 13.50                          | 75                                 | 15                                       | .....                              | .....                            | 5,883  |
| Stevens Institute Tech....  | (p)                            | 250-350                            | 35-45                                    | 500,000                            | 50,000                           | (c) 58,000   |
| St. Francis Xavier's Coll..   | 60                             | None.                              | 20                                       | .....                              | .....                            | .....  |
| St. John's College (D. C.)..  | 100                            | .....                              | 15-20                                    | .....                              | .....                            | 11,800   |
| St. John's College (Md.)..  | 75                             | 160                                | 20                                       | 1,000                              | 14,200                           | 22,000   |
| St. John's College (N. Y.)  | 60                             | 285                                | 40                                       | 840,000                            | None.                            | 20,000   |
| St. John's Univ. (Minn.)..  | 50                             | 150                                | 20-40                                    | None.                              | None.                            | .....  |
| St. Lawrence University....   | 50                             | 160                                | 30                                       | 361,016                            | 11,491                           | 24,350   |
| St. Louis University.....   | 60                             | None.                              | 10                                       | None.                              | None.                            | .....  |
| St. Mary's College (Kan.)   | 30                             | 225                                | 10                                       | None.                              | None.                            | .....  |
| St. Mary's College (Ky.)..  | 30                             | 120                                | 15-20                                    | None.                              | None.                            | \$512,000  |
| St. Olaf College.....   | None.                          | 85                                 | 17                                       | 7,000                              | 7,033                            | 10,123   |
| St. Paul's College.....   | 33                             | 140-150                            | 15                                       | 20,000                             | 1,500                            | 53,000   |
| St. Stephen's College.....  | None.                          | 225                                | None.                                    | 110,412                            | 6,551                            | 25,767   |
| St. Vincent's College.....  | 50                             | 200                                | .....                                    | .....                              | .....                            | .....  |
| Swarthmore College.....   | 150                            | 250                                | 50                                       | .....                              | .....                            | .....  |
| Syracuse University.....  | 100-135                        | 250-400                            | 25                                       | 703,359                            | 64,965                           | 206,627  |
| Tabor College.....  | 39                             | 150-300                            | 25-50                                    | 100,000                            | 11,853                           | (c) 14,300   |
| Talladega College.....  | 4-8                            | 70                                 | 10                                       | .....                              | .....                            | .....  |
| Tarkio College.....   | 30                             | 115-160                            | 14-21                                    | 59,000                             | 5,747                            | 14,025   |
| Taylor University.....  | 36                             | 72                                 | None.                                    | None.                              | 3,000                            | 6,000  |
| Teachers' College.....  | 75-150                         | 318                                | 15                                       | .....                              | .....                            | .....  |
| Thiel College.....  | 50                             | 125                                | 10                                       | 62,500                             | 2,200                            | 12,000   |
| Throop Poly. Inst .....   | 75                             | 220                                | 10                                       | 28,200                             | 27,855                           | 43,455   |
| Trinity College (Ct.).....  | 100                            | 225-400                            | 30-75                                    | 760,000                            | 24,088                           | 96,640   |
| Trinity College (N. C.)....   | 50                             | 100                                | 25                                       | 275,000                            | 93,000                           | (c) 32,000   |
| Trinity Univ. (Tex.).....   | 40-50                          | 85-130                             | 10-30                                    | .....                              | .....                            | .....  |
| Tufts College.....  | 100-120                        | 156-195                            | 45-105                                   | 1,700,000                          | 40,000                           | 153,735  |
| Tulane University.....  | 105                            | 180-270                            | 10-45                                    | 1,477,000                          | .....                            | 105,000  |
| Union College (Ky.).....  | 33                             | 100                                | 10                                       | 7,500                              | 1,700                            | 4,000  |
| Union College (Neb.).....   | 35                             | 120-150                            | 10-25                                    | .....                              | None.                            | 23,968   |
| Union College (N. Y.).....  | 75                             | 170                                | 35                                       | 450,602                            | 20,000                           | 47,000   |
| Union Christian College....   | 30                             | 90-120                             | 10-18                                    | 40,000                             | 2,300                            | 9,085  |
| Union Theological Sem....   | 35                             | 125-150                            | None.                                    | 1,350,000                          | .....                            | .....  |
| Univ. of Alabama.....   | (m) 40-125                     | 130                                | 40-50                                    | 300,000                            | None.                            | 42,563   |
| Univ. of Arizona.....   | None.                          | 135                                | 40-100                                   | 52,000                             | None.                            | (z) 52,000   |
| Univ. of Arkansas.....  | (m) 30                         | 60-140                             | 10-20                                    | 130,000                            | None.                            | 61,588   |
| Univ. of California.....  | (j)                            | 200-235                            | None.                                    | 2,843,005                          | 7,000                            | 485,175  |
| Univ. of Chicago.....   | 120                            | 290                                | 150                                      | 4,095,940                          | 683,939                          | (c) 723,083  |
| Univ. of Cincinnati.....  | (r) 75-100                     | 100up.                             | 25-40                                    | 1,186,322                          | 140,000                          | \$48,000   |
| Univ. of Colorado.....  | (g) 20                         | 200                                | 6  | .....                              | None.                            | 80,000   |
| Univ. of Denver.....  | 30-75                          | 135-300                            | 50-65                                    | 268,000                            | 6,314                            | 28,128   |
| Univ. of Georgia.....   | None.                          | 97                                 | 34                                       | 404,000                            | None.                            | 70,000   |
| Univ. of Idaho.....   | (m)                            | 110-150                            | 10-25                                    | .....                              | .....                            | .....  |
| Univ. of Illinois.....  | (o)                            | 159-233                            | 30-50                                    | 475,444                            | None.                            | 379,294  |
| Univ. of Kansas.....  | None.                          | 140-320                            | (y)                                      | 142,000                            | None.                            | 175,500  |
| Univ. of Maine.....   | 30                             | 125-171                            | 53                                       | 1,019,901                          | None.                            | 96,122   |
| Univ. of Michigan.....  | (s)                            | 114-190                            | .....                                    | 742,000                            | 37,790                           | 533,524  |
| Univ. of Minnesota.....   | (v)                            | 175-250                            | 150-200                                  | 1,325,000                          | .....                            | 398,177  |
| Univ. of Mississippi.....   | (t) 50                         | 100-160                            | 25-65                                    | 540,000                            | None.                            | 42,696   |
| Univ. of Missouri.....  | None.                          | 80-300                             | 5  | (z) 1,234,819                      | 16,000                           | 176,821  |
| Univ. of Montana.....   | (m)                            | 150-200                            | 20                                       | (n)                                | .....                            | 35,000   |
| Univ. of Nashville (k).....   | 25                             | 200                                | 35                                       | (e)                                | None.                            | 43,000   |
| Univ. of Nebraska.....  | (l) 45                         | 200                                | 20                                       | 175,000                            | .....                            | 287,000  |
| Univ. of New Mexico.....  | None.                          | 350                                | 5  | .....                              | 20,000                           | \$5400   |
| Univ. of North Carolina...  | 60                             | 150-300                            | 50                                       | 100,000                            | 4,000                            | 48,000   |
| Univ. of North Dakota.....  | None.                          | 125                                | 20                                       | None.                              | None.                            | 45,000   |
| Univ. of Notre Dame.....  | 50-150                         | 200-350                            | 25-50                                    | None.                              | 3,000                            | .....  |
| Univ. of Oklahoma.....  | None.                          | 105                                | 50-60                                    | .....                              | None.                            | \$1,180  |
| Univ. of Omaha.....   | 36-100                         | 100-108                            | 20-50                                    | 135,000                            | 5,000                            | 22,000   |
| Univ. of Oregon.....  | None.                          | 150                                | 30                                       | 185,000                            | None.                            | 44,963   |
| Univ. of the Pacific.....   | 50                             | 210                                | 25                                       | 30,000                             | 1,500                            | 25,000   |
| Univ. of Pennsylvania.....  | 100-200                        | 350-500                            | 25                                       | 2,935,459                          | 616,441                          | 1,082,145  |
| Univ. of Rochester.....   | 60                             | 125-180                            | 20-40                                    | 724,300                            | 24,771                           | 43,288   |
| Univ. of the South.....   | 80-100                         | 130-193                            | 25                                       | 175,000                            | 15,050                           | 50,441   |
| Univ. of South Dakota.....  | 12-36                          | 125-200                            | 5-35                                     | None.                              | None.                            | 32,000   |
| Univ. of South California   | 60                             | 200                                | 20                                       | 150,000                            | .....                            | \$56,000   |
| Univ. of Tennessee.....   | (m) 60                         | 100-175                            | 35-90                                    | 425,000                            | None.                            | 77,149   |
| Univ. of Texas.....   | None.                          | 144-180                            | 25-50                                    | (w)                                | 20,000                           | 150,000  |
| Univ. of Utah.....  | 10                             | 125-225                            | 5-40                                     | 145,000                            | 25                               | 44,000   |
| Univ. of Vermont.....   | 60                             | 150-200                            | 90-140                                   | 250,000                            | 51,000                           | 79,190   |
| Univ. of Virginia.....  | (d)                            | 180                                | 40                                       | 365,600                            | 19,941                           | 132,916  |
| Univ. of Washington.....  | None.                          | 100-200                            | 50                                       | None.                              | None.                            | 55,000   |
| Univ. of Wisconsin.....   | (m) 18                         | 160                                | 15-25                                    | 525,000                            | .....                            | 426,663  |
| Univ. of Wooster.....   | 45-60                          | 75-150                             | 30-50                                    | 350,000                            | 20,000                           | \$515,000  |
| Univ. of Wyoming.....   | None.                          | 150-225                            | 25                                       | None.                              | None.                            | 50,000   |
| Upper Iowa University....   | 36                             | 125-175                            | 20                                       | 47,000                             | 3,000                            | 16,000   |
| Ursinus College.....  | 60                             | 190                                | 25                                       | 180,000                            | 15,000                           | 25,000   |

| COLLEGES—TABLE THREE.<br>For explanation of signs, see page 311. | Tuition—<br>Cost per<br>Annum. | Living<br>Expenses,<br>Board, etc. | Other Ex-<br>penses—Fees,<br>Books, etc. | Productive<br>Funds—<br>Amount of. | Receipts<br>from<br>Benefactions. | Total Income,<br>Including Tuition or<br>Incidental Charges. |
|--|--------------------------------|------------------------------------|--|------------------------------------|-----------------------------------|--|
|  | †<br>\$                        | †<br>\$                            | †<br>\$                                  | †<br>\$                            | †<br>\$                           | †<br>\$  |
| U. S. Military Academy.....                                      | †                              | †                                  | †  | †                                  | †                                 | †  |
| U. S. Naval Academy.....   | †                              | †                                  | †  | †                                  | †                                 | †  |
| Vanderbilt University.....                                       | \$85                           | \$100-200                          | \$40-60                                  | \$1,200,000                        |                                   | \$100,000  |
| Vassar College.....  | 100-115                        | 300                                | None.                                    | 986,953                            | \$33,578                          | 292,882  |
| Villanova College.....   | (i) 250                        | (i)                                | 1-5                                      |                                    |                                   |  |
| Virginia Military Inst.....                                      | 75                             | 125                                | 1-5                                      | 20,000                             | None.                             | 52,300   |
| Virginia Polytechnic Inst  | 30                             | 90                                 | 30                                       | 344,312                            | None.                             | 83,591   |
| Wabash College.....  | 28                             | 110-165                            | 30-40                                    | 466,000                            |                                   |  |
| Wake Forest College.....   | 60                             | 90-250                             | 15-40                                    | 205,441                            |                                   | 27,760   |
| Washington Coll. (Md.).....                                      | 40                             | 125                                | 10                                       | 70,000                             | 5,668                             | 20,396   |
| Washington Coll. (Tenn.)   | 50                             | 93                                 | None.                                    | 25,000                             | None.                             | 8,000  |
| Washington & Lee Univ.   | 27                             | 50-65                              | 10                                       | 5,000                              | 2,523                             | 6,184  |
| Wash'n & Jefferson Coll.   | 24                             | 130-200                            | 60                                       | 258,129                            | 565                               | 33,482   |
| Washington University...   | 50                             | 80-180                             | 30-50                                    | 630,915                            |                                   | 45,000   |
| Wellesley College.....   | 150                            | 200-300                            | 25-50                                    | 775,000                            | 6,000                             | 157,787  |
| Wells College.....   | 175                            | 225                                | 20                                       |                                    | 193,000                           | (c) 226,448  |
| Wesleyan University.....   | 100                            | 300                                | 15-25                                    | 200,000                            | 1,500                             | 49,749   |
| Western College.....   | 75                             | 350-500                            | (y)                                      | 1,272,247                          | 25,000                            | 94,559   |
| Western Maryland Coll....  | 36                             | 125-150                            | 8  |                                    | 18,000                            | 24,000   |
| Western Reserve Univ....   | 45                             | 180                                | 10                                       | None.                              |                                   |  |
| Western Univ. of Penna....                                       | 85-100                         | 180                                | 20-26                                    | 1,145,000                          | 92,000                            | 263,000  |
| Westfield College.....   | 100                            | 180                                | 20                                       | 450,000                            | 160,000                           | (c) 95,000   |
| Westminster Coll. (Mo.)...                                       | 30                             | 85-114                             | 13-28                                    |                                    | 633                               | 9,950  |
| Westminster Coll. (Pa.)...                                       | 50                             | 85-160                             | 12                                       | 209,017                            | 633                               | 13,129   |
| West Virginia University..                                       | 42                             | 95-140                             | 15                                       | 80,000                             | 7,600                             | 23,000   |
| Wheaton College.....   | (m) 37, 50                     | 130-250                            | 25                                       | 115,000                            | None.                             | 147,000  |
| Whitman College.....   | 24                             | 150                                | 50                                       | 52,000                             | 20,000                            | 32,000   |
| Wilberforce Univ. (a).....                                       | 48                             | 144                                | 23                                       | 175,000                            | 85,000                            | (c) 20,000   |
| Wiley University.....  | 14-17                          | 78-100                             | 10                                       | 30,400                             | 8,629                             | (c) 27,010   |
| Willamette University.....                                       | 10                             | 100                                | 12                                       |                                    | 300                               | 12,000   |
| William & Mary College....                                       | 18-45                          | 75-150                             | 8  | 41,000                             | 300                               | 14,100   |
| William Jewell College....                                       | 35                             | 85-101                             | 21                                       | 127,900                            | 1,000                             | 20,744   |
| Williams College.....  | 40                             | 100-150                            | 25-35                                    | 213,000                            | 15,000                            | 20,000   |
| Williams College.....  | 105                            | 150-250                            | 25                                       | 1,212,128                          | 26,959                            | 104,896  |
| Wilmington Coll. (Ohio)...                                       | 39                             | 120                                | 20                                       | 30,000                             | 800                               | 5,900  |
| Wilson College.....  | 60                             | 190                                | 12                                       | 200,000                            |                                   | 76,000   |
| Wittenberg College.....  | 50                             | 120                                | 25                                       |                                    |                                   |  |
| Wofford College.....   | 40                             | 115-180                            |  | 63,000                             |                                   | 16,000   |
| Worcester Poly. Inst.....  | 150                            | 150-225                            | 30                                       | 610,000                            | 5,000                             | 68,000   |
| Yale University.....   | 100-155                        | 150-400                            | 20-100                                   | 5,000,000                          | 200,000                           | 800,000  |
| Yankton College.....   | 30                             | 100-125                            | 15-25                                    | 55,000                             | 12,000                            | 18,000   |
| York College.....  | 26                             | 75-90                              | 10                                       | 50,000                             | 5,000                             | 6,800  |

## Founding of Noted Colleges,

### FRATERNITIES, AND SOCIETIES.

THE University of Oxford has the reputation of having been founded by King Alfred in 872.

The first college of the University of Cambridge was founded by Hugo, Bishop of Ely, in 1257.

The University of Paris was founded by King Philip II. about 1200.

The first German university was at Prague, 1348.

Trinity College, Dublin, was incorporated by royal charter in 1591.

The University of Edinburgh was founded in 1582 by a charter granted by King James VI. of Scotland.

Harvard University had its beginning at Newtown, afterward Cambridge, Mass., in 1636.

Yale University had its beginning at Saybrook, Ct., in 1700, and was removed to New Haven in 1716.

William and Mary College, first steps taken toward establishing it in 1617, erected at Williamsburg, Va., and charter granted in 1693.

The first common schools established by legislation in America were in Massachusetts, 1645; but the first town school was opened at Hartford, Ct., prior to 1642.

There are twenty-eight college Greek-letter societies in the United States, which have a membership of 100,000, with some 650 active chapters and 350 inactive chapters. They own 70 houses or halls in various college towns and cities.

The oldest college fraternity is the Kappa Alpha, which was founded at Union College, Schenectady, N. Y., in 1825.

There are eleven women's college fraternities, the oldest being the Pi Beta Phi, founded at Monmouth College in 1867.

There are also 16 professional fraternities founded by professional schools attached to colleges, and these number some 50 active chapters and over 3,500 members.

In addition are a number of local fraternities.

## College Endowments.

LIST of Colleges and Universities reporting as having received \$100,000 or more in endowments, with names of donors. See also column of "Productive Funds" on pages 304-309.

| COLLEGES.                        | Amount.    | Names of Donors.             | COLLEGES.                | Amount.           | Names of Donors.                         |
|----------------------------------|------------|------------------------------|--------------------------|-------------------|--|
| Adelphi.....                     | \$600,000  | Not stated.                  | Lincoln Univ. (Ill.)..   | \$100,000         | Various persons.                         |
| Adrian.....                      | 100,000    | Not stated.                  | Maryville.....           | 500,000           | Various persons.                         |
| Ala. Polytech. Inst.             | 255,500    | U. S. Government.            | Mass. Agricultural.....  | 360,575           | Mass. and U. S.                          |
| Alfred University....            | 272,230    | Not stated.                  | Mass. Inst. Technol.     | 2,449,392         | Various persons.                         |
| Alma.....                        | 220,000    | Not stated.                  | M. Cormick Theol. S.     | 986,000           | Not stated.                              |
| Amherst.....                     | 1,500,000  | Not stated.                  | Middlebury.....          | 600,000           | C. and E. Starr.                         |
| Antioch.....                     | 100,000    | Not stated.                  | Millsaps.....            | 107,000           | R. W. Millsaps.                          |
| Anchor Inst. Tech.               | 3,000,000  | Philip D. Armour.            | Mt. Union.....           | 169,326           | Not stated.                              |
| Atlanta Univ.....                | 295,000    | Various persons.             | Muhlenberg.....          | 155,780           | Not stated.                              |
| Auburn Theo. Sem....             | 950,000    | Various persons.             | New York Univ.....       | 3,278,887         | Not stated.                              |
| Bates.....                       | 100,000    | D. E. Bates and others.      | Northwestern (Ill.)..    | 200,000           | Not stated.                              |
| Baylor University....            | 250,000    | Various persons.             | Oberlin.....             | 1,656,477         | Various persons.                         |
| Berea.....                       | 301,000    | D. K. Pearsons and others.   | Ohio State Univ.....     | 552,617           | U. S. Government.                        |
| Bethel (Ky.).....                | 250,000    | Not stated.                  | Ohio Wesleyan Univ.      | 1,200,000         | Various persons.                         |
| Boston University....            | 1,676,322  | Isaac Rich and others.       | Pennsylvania.....        | 210,000           | Not stated.                              |
| Bowdoin.....                     | 1,206,650  | Not stated.                  | Penna. State College.    | 517,000           | Not stated.                              |
| Brigham Young Col.               | 194,555    | Brigham Young.               | Pratt Institute.....     | 4,000,000         | Charles Pratt.                           |
| Bryn Mawr.....                   | 1,600,000  | Joseph W. Taylor.            | Princeton Th. Sem....    | 1,875,465         | Not stated.                              |
| Brown University....             | *250,000   | Nicholas Bro wn.             | Princeton Univ. (b) ..   | *100,000          | Not stated.                              |
| Case Schl. Appl. Sci.            | 2,000,000  | J. D. Rockefeller.           | Purdue University....    | 1,600,000         | John C. Green                            |
| Catholic University.             | 1,827,032  | Leonard Case.                | Radcliffe.....           | 340,000           | U. S. Government.                        |
| Charleston.....                  | 365,000    | Various persons.             | Ripon.....               | 700,000           | Not stated.                              |
| Clark Univ. (Mass.)..            | 2,000,000  | Ephraim Baynard and others.  | Rose Poly. Inst.....     | 398,747           | Not stated.                              |
| Colgate University....           | 1,500,000  | Jonas G. Clark.              | Smith.....               | 900,000           | Chauncey Rose.                           |
| Colorado.....                    | 368,000    | James B. Colgate.            | Stevens Inst. Tech..     | 1,743,553         | Not stated.                              |
| Columbia University              | 1,000,000  | Not stated.                  | Syracuse University      | 811,000           | E. O. Stevens and others.                |
| Columbian Univ.....              | *1,100,000 | Seth Low.                    | Teachers.....            | 2,054,443         | Not stated.                              |
| Cooper Union.....                | 181,326    | Joseph Loubet.               | Throop Poly. Inst....    | *200,000          | Caroline L. Macy.                        |
| Cornell.....                     | 1,750,000  | W. W. Corcoran.              | Union Christian.....     | 150,000           | Amos G. Throop.                          |
| Cornell University....           | 250,000    | Peter Cooper.                | Univ. of Alabama....     | 1,050,000         | Paul Tulane.                             |
| Cornell University....           | 670,000    | Not stated.                  | Univ. of Arkansas....    | 110,000           | Various persons.                         |
| "                                | 1,170,000  | Ezra Cornell.                | Univ. of California..    | 300,000           | U. S. Government.                        |
| "                                | 1,500,000  | H. W. Sage.                  | Univ. of Chicago.....    | 130,000           | U. S. Government.                        |
| Dartmouth.....                   | *300,000   | Oliver H. Payne.             | Univ. of Cincinnati..    | 11,710,054        | Various sources.                         |
| Davidson.....                    | 2,000,000  | Edward Tuck.                 | Univ. of Denver.....     | c 8,285,743       | John D. Rockefeller and others.          |
| Denison.....                     | 300,000    | Not stated.                  | Univ. of Illinois....    | 420,000           | Various persons.                         |
| De Pauw University               | 1,500,000  | Maxwell Chambers and others. | Univ. of Michigan....    | 475,444           | U. S. Government.                        |
| Drew Theol. Sem....              | 200,000    | W. D. Rockefeller.           | Univ. of Cincinnati..    | †329,091          | Various persons.                         |
| Drexel Institute.....            | 3,000,000  | Jm. C. De Pauw.              | Univ. of Maine.....      | 1,186,322         | Various persons.                         |
| Drury.....                       | 260,000    | Not stated.                  | Univ. of Michigan....    | 243,400           | Not stated.                              |
| Earlham.....                     | 150,000    | Not stated.                  | Univ. of Minnesota..     | 742,000           | Various sources.                         |
| Emory.....                       | 200,000    | Not stated.                  | Univ. of Missouri....    | 3,500,000         | Minnesota, the U. S. and J. S. Pillsbury |
| Gen'l Theol. Sem....             | 3,366,626  | Not stated.                  | Univ. of Mississippi.    | 540,000           | U. S. Gov., granted Feb. 20, 1819.       |
| Georgetown (Ky.)..               | 250,000    | Various persons.             | Univ. of Missouri....    | 1,234,819         | Various sources.                         |
| Girard.....                      | 25,000,000 | Stephen Girard.              | Univ. of Montana....     | See note d        | U. S. Government.                        |
| Hampton Normal....               | 726,401    | Not stated.                  | Univ. of N. Dakota..     | U. S. Government. | U. S. Government.                        |
| Harvard Univ. (a)...             | *250,000   | Jacob Schiff.                | Univ. of Penna.....      | *600,000          | Max. Somerville.                         |
| "                                | *500,000   | Edward Austin.               | "                        | *250,000          | Not stated.                              |
| "                                | *1,000,000 | Henry C. Warren.             | "                        | *100,000          | Andrew Carnegie.                         |
| Haverford.....                   | 1,000,000  | Jacob P. Jones.              | Univ. of Tennessee..     | 396,000           | U. S. Government.                        |
| Heidelberg Univ....              | 150,000    | Various persons.             | Univ. of Texas.....      | 2,600,000         | U. S. Government.                        |
| Hillsdale.....                   | 240,000    | Various persons.             | Ursinus.....             | 225,000           | Not stated.                              |
| Hiram.....                       | 150,000    | Not stated.                  | Vanderbilt Univ.....     | 1,200,000         | Vanderbilt family.                       |
| Hobart.....                      | †682,130   | Various persons.             | Vassar.....              | 2,129,907         | Matthew Vassar and others.               |
| Iowa.....                        | 300,000    | Not stated.                  | Washington Univ....      | 5725,125          | Not stated.                              |
| Iowa State College..             | 682,283    | Not stated.                  | Washington and Lee Univ. | 900,000           | George Washington and others.            |
| John B. Stetson Univ.            | 200,000    | John B. Stetson.             | Wells.....               | 200,000           | Not stated.                              |
| Johns Hopkins Univ.              | 3,000,000  | Johns Hopkins.               | Wesleyan Univ.....       | 1,946,482         | Geo. I. Seney and others.                |
| Kenyon.....                      | 600,000    | Lords Kenyon and Gambier.    | West Virginia Univ.      | 115,000           | Not stated.                              |
| Lake Forest.....                 | 1,200,000  | Not stated.                  | Whitman.....             | 175,000           | D. K. Pearsons and others.               |
| Lane Theol. Sem....              | 502,000    | Not stated.                  | Williams.....            | 1,633,002         | Not stated.                              |
| Lehigh University....            | 2,000,000  | Asa Packer.                  | Wilson.....              | 200,000           | Not stated.                              |
| Leland Stanford, Jr. University. | 15,000,000 | Leland Stanford and wife.    | Yale University.....     | 4,500,000         | Various persons.                         |
| Leland University....            | 117,500    | Not stated.                  | "                        | *150,000          | O. C. Marsh.                             |

\* Donated in 1899. † Since 1897. ‡ Amount of present net property. § \$400,000 by Samuel Cupples in 1899.

(a) Productive funds, \$11,766,371. (b) College financial budget not published. (c) Total property and endowment. (d) 46,080 acres of land that cannot be sold for less than \$10 per acre. (e) 126,080 acres of land, none of which may be sold for less than \$10 per acre.

# Reference Marks Used in Preceding College Tables. 311

## TABLE ONE.

\* All departments. † Co-education of the sexes. ‡ Education of women only. § For the education of colored students. ¶ Teachers' College is now part of Columbia University. ¶¶ Medical Department at Mobile, Ala. †† At Chattanooga also. §§ Figures are for Franklin College, State College of Agriculture and Mech. Arts, and Law Dep't.  
 (a) Co-education in Medical Department.  
 (b) Not yet organized for instruction. Is intended solely for post-graduate work.  
 (c) No restriction as to color.  
 (d) Certain courses are open to women in Columbia University, with use of library, who are students of Barnard or Teachers' College.  
 (e) Negotiations pending for its transfer to another college at time ALMANAC was printed.  
 (f) Confined strictly to post-graduate work. The national university of the church.  
 (g) Academic and Technical Departments at Fayetteville; Law and Medical Dep'ts at Little Rock; Normal School (for negroes), Pine Bluff, Ark.  
 (h) Exclusive of 1,470 students of Teachers' College and 278 students of Barnard College.  
 (i) Presbyterian in sympathy.  
 (j) For Indians and colored youth, both sexes.  
 (k) Professors take Chairmanship in turn.

(l) Branch at Bellevue, Neb., also.  
 (m) Located in Pittsburgh and Allegheny.  
 (n) Separate department for women in the H. Sophie Newcomb Memorial College.  
 (o) For both sexes, except that Adelbert College Annex is for women only.  
 (p) Dental and Law Schools at Chicago.  
 (q) Report at close of 1898.  
 (r) Schools Pharmacy and Medicine at Chicago.  
 (s) Academic and Law Departments at Austin; Medical at Galveston; Agricultural and Mechanical Branch at College Station, Tex.  
 (t) College for women at Lynchburg, Va.  
 (u) School of Mines at Rolla, Mo.  
 (v) Co-education in graduate courses only.  
 (w) Co-education in law, pedagogy, and graduate schools. The University proper is at University Heights, Bronx Borough, New York; Law School at Washington Square, New York.  
 (x) College of Liberal Arts at St. Paul, Minn.; College Physicians and Surgeons Minneapolis.  
 (y) Medical Department located in Louisville. Statistics are exclusive of medical students and those in commercial college.  
 (z) Academic Department only.

## TABLE TWO.

\* All departments. † Co-education of the sexes. ‡ Education of women only. § For the education of colored students. ¶ Medicine, May 14; Law, June 11; Undergraduate, June 21.  
 (b) Convocation days are first days of each quarter, January 1, April 1, July 1, October 1.  
 (c) Confined strictly to post-graduate work. The national university of the church.  
 (d) No restriction as to color.  
 (e) S. C. Cole, Akron, O.; J. B. Pierce, Sharpsville, Pa.; A. S. Peckham, Hiram, O.: all class of '73.  
 (f) For Indians and colored youth.  
 (g) Co-education in medical school.  
 (h) Mary E. Eckstein, Charles Biermann, Wilcox City, N. Dak.; Christian Arnold, Washington, all class of '91.  
 (i) Warren C. Eustis, Owatonna, Minn., and Henry M. Williamson, Portland, Ore.; both class of '73.  
 (j) L. D. L. Tosh, Argentina, Kan.; Murray Harris, Baird, Tex.; Flora R. Coleman, Lawrence, Kan.; R. Collins, Rodi, Pa.: all class of '73.  
 (k) Total number of students - number of graduates unknown.  
 (l) J. E. Huribert, Cleveland, O., and Mrs. Elmer E. Truesdell, Garrettsville, O.; both class of '69.  
 (m) J. M. Cavaness, Chanute, Kan.; O. K. Hall and Rev. J. C. Hall, Hutchinson, Kan.; all class of '66.  
 (n) J. W. Gillespie, Washington, D. C.; George

Hester, Cleveland, O.; S. F. De Ford, Ottawa, O.; W. H. Dressler, Alliance, O.: all class of '58.  
 (o) James Mullenbach, Chicago, Ill.; Donald G. Colp, New Haven, Ct.; Mary Curtiss, Merville, N. Dak.; all class of '96.  
 (p) Medicine, April 21; Theology, May 15; Law, June 1; Liberal Arts, May 23.  
 (q) Report at close of 1898.  
 (r) Rev. Wm. T. Jackson, Emmetsburg, Iowa; Emma N. Steel, David City, Neb.; both class of '64.  
 (s) Annie L. Barber, Meadville, Pa.; Grace R. Canfield, Cambridge, Mass.; Mrs. D. L. Tappan, Arlington, Mass.; all class of '83.  
 (t) Rev. G. C. Leonard, Newton, N. C.; Rev. G. L. M. Lyerly, Crescent, N. C.; Dr. Moses Zoil, Mt. Pleasant, N. C.; all class of '84.  
 (u) R. C. Anderson, Covington, Va.; H. E. C. Baskerville, Richmond, Va.; both class of '36.  
 (v) W. C. Baker, Grand Haven, Mich.; S. H. Pennington, Newark, N. J.; Geo. P. Tayloe, Roanoke, Va.; all class of '25.  
 (w) Amy Barnes Miller, Seattle, Wash.; Alvah J. Graham, Winfield, Kan.; Olive Stubbfield-Robertson, Chandler, Okla.; all class of '89.  
 (x) Figures are for College of Liberal Arts only.  
 (y) Academic Department only.  
 (z) R. W. Baker, Fulton, Mo.; J. P. Broadwell, Shreveport, La.; Robt. McPheeters, Fulton; all class of '66.

## TABLE THREE.

† At U. S. Military Academy tuition is free. Cadets are paid \$540 per year each by the Government, out of which they pay their own expenses for board, clothing, etc.; living expenses average about \$212 per annum. †† Free to sons of ministers.  
 ‡ At U. S. Naval Academy tuition is free. Cadets are paid \$500 per year each by the Government, out of which they pay their own expenses for board, clothing, etc.; living expenses average about \$24 per month.  
 † Education of women only. †† Amount indefinite, but income is about \$250,000. See also "College Endowments."  
 §§ Income from tuition, board, or incidental charges only.  
 (a) For colored students.  
 (b) College department, \$12; professional, \$60.  
 (c) Exclusive of benefactions.  
 (d) Engineering, \$100; law, \$100; medicine, \$120 first year, \$100 second year, \$60 third year.  
 (e) 30, 240 acres of land.  
 (f) \$70 in medical departments; others free.  
 (g) Free to State residents, except in prof. course.  
 Medical and law departments not included.  
 (h) For colored and Indian youth.  
 (i) Living expenses included in tuition charges.  
 (j) Free except in professional departments.

(k) Applies to Peabody Normal College only.  
 (l) Law department; no charge in other branches.  
 (m) Free to State residents.  
 (n) 46,080 acres of land that cannot be sold for less than \$10 per acre.  
 (o) In graduate school and undergraduate classes tuition is free. Preparatory and special students, \$15 a year; law, \$50 a year; pharmacy, \$75 a year; medical school, \$105 a year.  
 (p) \$150 for students residing in New Jersey, \$225 for non-residents.  
 (r) Free to residents of Cincinnati.  
 (s) Matriculation fee (first year only), residents, \$10; non-residents, \$25; annual fee, residents, \$30; non-residents, \$40.  
 (t) Free to clerical students.  
 (u) For College of Letters and Science; other departments vary.  
 (v) Law department, \$55; medicine, \$90; free in other departments, with incidental fee of \$5 a term.  
 (w) 2,000,000 acres of land, \$600,000 bonds.  
 (x) Federal, State, or Territorial appropriation.  
 (y) Charges for books, fees, etc., included in living expenses.  
 (z) And 50,000 acres unsold land; also about \$40,000 a year from U. S. Government.

## American College Cheers.

THIS collection of cheers has been made by THE WORLD ALMANAC, by correspondence with officials of the respective institutions, and revised to 1900. It is believed to be the largest collection ever published.

- Add-Ran Christ'n Univ.*—“Boom el lacker, Boom el lacker, Boom el la boo! Varsity! Add-Ran U”  
*Alabama Polytechnic Institute.*—“Je hah, Je hah, Je hah hah hah, Auburn Auburn, rah rah rah. Auburn, Auburn is our cry, V-I-C-T-O-R-Y”  
*Albion.*—“A-I-b-i-o-n', Bis Boom Bah, Albion, Rah! Rah! Rah!”  
*Alfred University.*—“Rah! Rah! Rah! Zip, Rah, Boom! Alfred University, Give Her Room!”  
*Allegheny.*—“Alleghe! Alleghe! Rah! Boom! Allegheny!”  
*Alma.*—“One, two, three, Hip, hi, hoo, ray, ALMA, Rah Rah Rah! Alma!”  
*Amherst.*—“Rah! Rah! Rah! Rah! Rah! Rah! Amherst!”  
*Armour Institute Technology.*—“Arc-Mec-Chem-Elec, Armour Tech—Armour Tech!”  
*Atlanta University.*—“Rah! Rah! Rah! Ah! See! Atlanta University!”  
*Baker University.*—“B. U. ! Rah, Rah, Rah! B. U. ! Rah, Rah, Rah! Hoorah! Hoorah! Baker! taker! Rah! Rah! Rah!”  
*Baldwin University.*—“U rah rah; B. Baldwin; U rah rah!” (repeated with tiger.)  
*Bates.*—“B-A-T-E-S—Rah Rah Rah! Boom-a-laka, Boom-a-laka, Boom, Bates, Boom!”  
*Beloit.*—“B-E-L-O-I-T, Rah! Rah! Rah!”  
*Bethany (Kan.).*—“KI-I-KI-I-KI-Hippi-KI-I-Bethany-she-is HI-HI-HI!”  
*Boston University.*—“Boston, Boston, B-B-B-Boston, Varsity, Varsity, Rah! Rah! Rah!”  
*Bowdoin.*—“B-o-w-d-o-i-n, Rah, Rah, Rah!”  
*Braham Young.*—“Ru Ri B Y, Ru Ri B Y, Ru Ry Re, B. Y. C.!”  
*Brown University.*—“Rah! Rah!—Rah! Rah!—Rah! Rah!—Brown Brown—Ki Yi Ki Yi Ki Yi—Hicki Hicki Hoorah” (three times).  
*Buchtel.*—“Hoo-Ray-Rah-Roo, Wah-Hoo, Wah-Hoo Hallabaloo, Hallabaloo, 'Rah, 'Rah, 'Rah, Buchtel!”  
*Bucknell University.*—“Yah! Yah! Yoo! Bucknell! B. U. ! Wah! Hoo! Hoo! Wah! Bang!”  
*Carthage.*—“Rat-a-ta-throt! ta-throt! ta-throt! Tear-a-ta-lake! ta-lake! ta-lake! Kick-a-ma-bah! kick-a-ma-bah! Carthage College! Rah! Rah! Rah!”  
*Case School Applied Sciences.*—“Hoo! Rah! Ki! Rah! S-C-I-E-N-C-E! Ho! Ho! Rah! Rah! Case!”  
*Central Univ. of Iowa.*—“C. U. I. Rah! Rah! Hurrah! Hurrah! Central, Central, Rah! Rah! Rah!”  
*Central Univ. of Ky.*—“Razzle dazzle, razzle dazzle! Sis, boom! Ah! Central University, Rah! Rah! Rah!”  
*Central Wesleyan.*—“Zip Zap, Knowledge! Bing, Bang, Clee! Cent! Wesleyan College! Ree, Rah, Ree!”  
*Centre.*—“Rackety-cax! Coax! Coax! (twice) Hooray! Hooray! Centre, Centre, Rah! Rah! Rah!”  
*Christian University.*—“Boom-araka, boom-araka, boom-araka-ree; Rip-izipi, rip-izipi, rip-izipi-zee, Who are we? Christian University!”  
*Clajfin University.*—“Rah! Rah! Rah! Claf-lin-i-a!”  
*Ctenson Agri. College.*—“Rah, Rah, Rah; Re Re Re, Rip, Rah; Rip, Rah; C. A. C. Zip Boom!”  
*Coe.*—“Zip, Boom, Gee, C-O-E-Rah, Rah, Rah-Coe!”  
*Colby University.*—“C-O-L-B-Y, Rah! Rah! Rah!” (three times.)  
*Colgate University.*—“Hip hoorah, rah-rah, rah-rah! Hip hoorah rah-rah, rah-rah, Colgate, Colgate, Rah-Rah-Rah; Colgate!”  
*College of Emporia.*—“Hoorah, Hoorah U-pi-dee! Hoorah!! Tiger!!! C. of E.!”  
*College of the City of New York.*—“Rah, 'Rah, 'Rah, 'C. N. Y.!”  
*Colorado.*—“Pike's Peak or Bust! Pike's Peak or Bust! Colorado College! Yell we must!”  
*Columbia University.*—“Ray 'Ray 'Ray C-o-l-u-m-b-i-a!”  
*Columbian University.*—“Whang! Bang! Sis! Boom! Ah! Columbian! Columbian! Rah! Rah! Rah!”  
*Cornell College.*—“Zipp, Siss, Boom, Caw-w, Ca-w-w-nell; C. C. Tiger-la, Zipp Zipp Hurrah!!!!”  
*Cornell University.*—“Cornell! I Yell Yell Yell! Cornell!”  
*Cotner University.*—“Cotner Cotner Cotner the Cotner University—Don't you see!”  
*Cumberland University.*—“Allegaro-garo-garan! Hi-yip, Ki-yip! Cumberland, Cumberland!”  
*Dartmouth.*—“Wah hoo wah! wah hoo wah! da-da-da. Dartmouth! wah hoo wah! T-i-g-e-r!”  
*Davidson.*—“Hey lo, Hi ho! Wah, hoo, wah, Davidson, Ra, Ra, Ra!”  
*Delaware.*—“D-E-L-A-Ware-Siss-Boom-Tiger-Rah! Rah! Rah!”  
*Denison University.*—“Heike! Heike! Rah, rah, rah, hoorah, hoorah, Denison! Denison!”  
*De Pauw University.*—“Zip, Rah, Who! D-P-U! Rip, Saw! Boom! Bah! Bully for old De Pauw!”  
*Des Moines.*—“Three times three, D. M. C. ! Rah, rah, rah! Rah, rah! Rah, rah! Des Moines!”  
*Dickinson.*—“Hip-rah-bus-bis—Dickinsonien—Sis—Tiger!”  
*Doane.*—“Do-Do, Do-Ra-Me, Fa-Fa, Sol-La-See, D-o-a-n-e, DOANE!!!!”  
*Drake University.*—“White and Blue, White and Blue, What's the matter with old D. U. Blue and White, Blue and White, Drake University—she's all right!”  
*Earlham.*—“Rah, rah, rah; ri, ro, rem; E-A-R-L-H-A-M; thee! thou! rah!!!”  
*Emory.*—“Osky-wow-wow! Skinny-wow-wow! Wow-wow! Emory!”  
*Emory and Henry.*—“Rah! Rah! Rah! Sis-poo bah! Emory and Henry, Wah-hoo! Wah!”  
*Fisk University.*—“Clckety! Clckety! Sis' Boom! Bah! Fisk University! Rah! Rah! Rah!”  
*Franklin (Ind.).*—“F-r-a-n-k-l-i-n! Hurrah! Hurrah! We are her men! Boom-wah-boom! Wah, hoo-wah! Franklin, Franklin, rah, rah, rah!”  
*Franklin and Marshall.*—“Hullabaloo, bala! (twice) Way-up, Way-up! F. and M. ! Nevada!”  
*Georgetown (D. C.).*—“Hoya! Hoya! Saxa! Hoya! Hoya! Georgetown Hoya! Horah Doray Hai I Hickey, Hickey, Kai, Kai, Moky, Moky, Hay I, Toe mei!”  
*Georgetown (Ky.).*—“Hullabaloo! Kanuck! Kanuck! Belle of the Blue! Kentuck! Kentuck! Hooray! Hoo! Georgetown, too! Rah!!!”  
*Grant University.*—“Hoo 'rah 'rah; Hoo 'rah 'rah; Grant, Grant, rah, rah, rah!”  
*Greeneville and Tusculum.*—“Whoop La, Unaka, Nolachucky, Chum! Whoop La, Rah, Rah, Greeneville and Tusculum!”  
*Greensboro (Female) College.*—“Rah! Rah! Rah! Hip poo pee! We are the Girls of G. F. C.!”  
*Guilford.*—“Boom la yo! Boom la yo! Guilford, Guilford, Ho! Ho! Ho!”  
*Hamilton.*—“Rah! Rah! Hamilton! Road! Road! Road!”  
*Hamline University.*—“Boom get a rat trap! Bigger than a cat trap! Boom get a rat trap! Bigger than a cat trap! Boom! Cannibal! Cannibal! Zip! Boom! Bah! Hamline! Hamline! Rah! Rah! Rah!”  
*Hanover.*—“Han-Han-Han-Han-over!”  
*Harvard University.*—“Rah rah rah! rah rah rah! rah rah rah—Harvard!”  
*Haverford.*—“Yo-Yo-Yo! (three times) Hav-er-ford!”  
*Heidelberg University.*—“Kill-kill! Rah, rah! Zit, zit! Ha! Ha! Yai! Hoo! Bam! Zoo! Heidelberg!”  
*Hillsdale.*—“Hull-a-baloo, Wah, Whoop! (twice) Whoop, Wah, Wah, Whoop, Hillsdale!”

- Hobart.—“Hip, Ho-bart! Hip, Ho-bart! Hip, Ho! Hip, Ho! Hip, Ho-bart!”
- Howard University.—“Rah, rah, rah! Howard, Howard! Rah, Rah, Re!”
- Illinois.—“Rah hoo rah, Boom a la ka, kick-a-rick a-roi, Old Illinois, Boom zip boom, Tiger-zah!”
- Illinois Wesleyan University.—“Wes-ley-an! Hoo-rah! Hoo-rah! (twice) Hoo-rah! Hoo-rah! I.-W.-U.-Rah! Bully for Wesley-an!”
- Indiana University.—“Gloriana, Frangipanna, Indiana Kazoo Kazah! Kazoo Kazah Hoop la! Hoop la! State University! Rah! Rah! Rah!”
- Iowa State College.—“A-M-E-S! Rah! Rah! Rah! Rah! A-M-E-S! Rah! Rah! Rah! Rah! Hoo Rah! Hoo Ray! Ames College! I-O-A!”
- Iowa Wesleyan University.—“Rah, rah, rah! Hip, hi, hoo! I.-W.-U.!”
- Johns Hopkins University.—“Hullabaloo, Kanuck, Kanuck! Hullabaloo, Kanuck, Kanuck! Hoorah! Hoorah! J. H. U.!”
- Kansas Wesleyan University.—“Hoorah, Hoorah, Wesleyan, Wesleyan, Rah, Rah, Rah!”
- Kenyon.—“Hika, Hika, Hika, K-e-n-y-o-n. Kenyon, Kenyon!”
- King.—“K. C. Ow! K. C. Ow! K. C. Bristol! Wow-Wow-Wow!”
- Knox.—“Zip rah! Boom rah! Knoxia! Kuoxi! Knox! Knox! KNOX!”
- Lafayette (Pa.).—“Rah! Rah! Rah! Lafayette!”
- Lawrence University.—“L-A-W-R-E-N-C-E! rah, rah, boom, rah, rah!”
- Lehigh University.—“Hoo-rah-ray! Hoo-rah-ray! Ray, ray, ray, Lehigh, Lehigh, Lehigh!”
- Leland Stanford, Jr., University.—“Rah-Rah-Rah (twice) Rah! Rah—Stanford!”
- Lenox.—“’Tis no lie, ’tis no bluff! Lenox College pretty hot stuff!”
- Lincoln University (Ill.).—“Ki-yi-Moc-Kohn, Ra-ha-Lin-cohn!”
- Livingstone.—“Rah-rah-re, Who are we? Don’t you see, Liv-ing-stone-stone-stone!”
- Lombard University.—“Ra, re, ri, ro! Ring, ching, rang! Lombard! Lombard! Zip, boom, bang!”
- Louisiana State Univ.—“Rah! Rah! Rah! Rah! Rah! Re! Louisiana! Louisiana! State Uv.!”
- Manhattan.—“Rah! Rah! Rah! (three times) Manhattan!”
- Marietta.—“Rah! Rah! Rah! Rah! Rah! Ma-ri-et-ta, Rah! Rah! Rah!”
- Maryville.—“Howee, how! Chilhowee! Maryville, Maryville, Tennessee!”
- Massachusetts Agricultural.—“Rah! Rah! Rah-rah-rah! A-G-G-I-E-Rah-Rah, Rah-Rah-Rah!”
- Mass. Inst. Tech.—“M. I. T. rah, rah, rah! M. I. T. rah, rah, rah! M. I. T. rah, rah, rah! Technology!”
- McKendree.—“Rah, rah, rah! Hip, hi, he! Zip, boom! Rip, boom! McKen-dree!”
- Mercer University.—“Rah! Rah! Rah! Uni-vee Siss-Boom-Bah! Ver-i-tee Mercer.”
- Miami University.—“Rah—Rah—Rah—M-I-A-M-I—Mi-am-I, Miami!”
- Michigan Agricultural.—“Hip! Hip! Hurrah! Hurrah! Hurrah! Uzz! Uzz! Uzz! M. A. C.!”
- Middlebury.—“Midd, Midd, Middlebury! rah, rah, rah!”
- Midland.—“Rah! Rah! Rah! Mid! Land! Ah! Zip! Kan! Boomerang! Rah! Rah! Rah! R-a-y!”
- Mills (Woman’s).—“Mills College, Zip, boom, bah! M. C. M. C. rah, rah, rah!”
- Milton.—“Hoorah, Hoorah, for old Milton! Ho rah every daughter and son!”
- Mississippi A. & M.—“Hullabaloo, zip, bah! Hollabaloo, rip, rah! Hollaboom, sollyboom, lee, rah, ziss! Lee, rah, ris! Lee, rah, ziss! A. & M. Miss.!”
- Missouri Valley.—“Wah-hoo-wah! Wah-hoo-wee! Hoo-rah! Hi-rah! M. V. C.!”
- Monmouth.—“Ho rah Ho roo Depa la Depa loo Rah si ki yi, Hot, Cold, wet or dry, get there Eli, Mon-mouth!”
- Moore’s Hill.—“Alle-ka-zook! Koax! Koax! Terre-o-rex! O-rex! O-rex! Hulla-ba-loo! Hulla-ba-la! Moore’s Hill! Moore’s Hill! Rah! Rah! Rah!”
- Mt. Holyoke.—“H-o-l-y-o-k-e, Hol-yoke, Hol-yoke, are we!” (The cheer is sung by the girls.)
- Mt. St. Mary’s.—“Rah! Rah! Rah! Siss! Boom! Ah! Mt. St. Mary’s! Ha! Ha! Ha!”
- Mt. Union.—“Karo, Kero, Kiro, Kēē! Rah, Rah, Rah, for M. U. C.! Alikezenion, Alikezenion! Rah, Rah, Rah, for old Mt. Union!”
- Muhlenberg.—“Rah, Rah, Rah, Rah, Muhlenberg!”
- Nebraska Wesleyan University.—“Boom rah boom rah an, We We Wesleyan! Ne Ne Nebraskan O—man!”
- Nevada State University.—“Wah Hoo Wah! Zip Boom Ah! Rah Rah Rah Nevada!”
- New York Univ.—“Rah! Rah! N. Y. U., Siss! Boom! Ah! New York! New York! New York!”
- Niagara University.—“Rah, Rah, Rah, Ray, Ray, Ray N-I-A-G-A-R-A!”
- Northwestern College (Ill.).—“Rah! Rah! Hoo-Rah! Rah! Rah! Hoo-Rah! Who Rah? You Rah. North-Western, Rah! Rah! Rah!”
- Northwestern University (Ill.).—“Rah! Rah! Rah! U. Northwestern (Rah! five times).”
- Notre Dame University.—“Rah! Rah! Rah! Rah! Rah! Rah! The Gold, The Blue, Hoorah! Hoo! Notre Dame, Notre Dame, N. D. U.!”
- Oberlin.—“Hi! O! Hi, O! Hi! O! Hi! Hi! O! Hi, O-ber-lin!”
- Ohio State University.—“Wahoo, Wahoo, Rip, Zip, Bazoo! I yell, I yell, for O. S. U.!”
- Ohio University.—“Wah-hoo, wah-hoo, Rip, rah, O-U-hi-O-U! Tiger!”
- Ohio Wesleyan University.—“O-we-wi-wow! A-la-ka-zu-zi-zu! Ra-zee-zi-zu! Viva! viva! O. W. U.!”
- Ottawa University.—“Ottawa, Ottawa! Hoorah, Hoorah, Ottawa Varsity! Rah, Rah, Rah!”
- Otterbein University.—“Whoop, Htp, Whoop, Whoop! O. U., O. U. I Hi-O-mine, Ot-ter-bein; Whoop, Hip, Whoop!”
- Oxford.—“Boom-a-ling, Boom-a-ling Rip-Rah-Ro, Oxford College, O-hi-o!”
- Park.—“P-A-R-K! Rah, rah, rah! Sis, boom, ah! Booma-lacka, booma-lacka! Boom! Park! Boom!”
- Parsons.—“Hi, yi! Hi, yi! Hippycanuri! Parsons!”
- Pennsylvania College.—“Brackee! Corax, Corix, Coree, Brackey Corax, Corix, Coree, Heigh Oh! Unpty Ah! Hulla Belloo, Bellae, Bellah, Gettysburg, Gettysburg, Gettysburg! Rah, Rah-Rah!”
- Pennsylvania Military.—“Hurrah! Hurrah! Hurrah! P. M. C. C. C., Attention! Halt!”
- Penna. State.—“Yell, yell, yell, again, we’re from the land of William Penn! State! State! State!”
- Polytechnic Institute (Brooklyn).—“Rah! Rah! Rah! Poly!” (three times.)
- Portland University.—“Kang-a-ga-ra, ga-ra, ga-zoom! Portland Varsity! zip-ra-boom!”
- Princeton University.—“Hooray! Hooray! Hooray! Tiger! Siss! Boom! ah! Princeton!”
- Purdue.—“Purdue! Pndue! Rah-rah! Rah-rah! (twice) Hoo-rah! Hoo-rah! Bully for old Purdue!”
- Randolph-Macon College.—“Rip, rah, rah! rip, rah, rah! Randolph-Macon Virginia! Callero! Callero! Yah-Yah-Yah!”
- Rensselaer Polytechnic Institute.—“Rah, rah, rah! Rah, rah, rah! Rensselaer!”
- Roanoke.—“Rah! Rah! Rah! R-O-A. I! Rah! Rah! Rah! N-O-K! Roanoke!”
- Rollins.—“Rah! Rah! Rah! Rollins!”
- Rose P. I.—“R-P! R-P! Rah-Rah! Rah-Rah! (Hoo-rah! 3 times) Rose Polytechnic! Rah! Rah! Rah!”
- Rutgers.—“Rah! rah! rah! bow-wow-wow! Rutgers!”
- State University of Iowa.—“Haw, Haw, Hawk; Hi, Hi, Hi; Hawkeye, Hawkeye; S. U. I.!”
- State University (Ky.).—“S. U.—Rah, rah, rah, rah (twice) Hurrah! Hurrah! State University—Rah, rah, rah!”

- Stevens Institute of Technology. — "Boom—rah! Boom—rah! Boom—rah—Stevens!"
- St. Francis Xavier. — "Rah—rah—rah! Rah—rah—rah! X-A-V-I-E-R! Xavier!!"
- St. John's (Md.). — "Rah, Rah, Rah! St. John's!"
- St. John's (N. Y.). — "Rah! Rah! Rah! F-O-R-D-H-A-M! Fordham! and Rah-Rah-Rah—F-O-R-D-ham-ham-ham, Fordham!"
- St. Lawrence University. — "Rah, rah, rah, Rah, rah, rah, Rah, rah, rah, Laurentia!"
- St. Mary's (Kan.). — "Hoop-la, Hoop-la, Who car guess? S-t, M-A-R-Y-S!"
- Swarthmore. — "Rah Rah! Rah Rah Rah! Rah Rah! Rah Rah Rah! Swarthmore!"
- Syracuse University. — "Hip, Hoo, Rah! Hip, Hoo, Rah! Syracuse! Syracuse! Rah-rah-rah!"
- Tabor. — "Boom—lack-a, boom—a-lack-a, Bow-wow-wow, Ching-a-lack-a, ching-a-lack-a, chow-chow-chow, Boom-a-lack-a, Ching-a-lack-a, Who are we, Who's from Tabor, We, we, we!!!"
- Talladega. — "Ra ra ra, Ra ra ra, Talladega, Alabama, R-r-r-r-a!"
- Tarkio. — "Rip, bang! hip ho! get there, rain or snow! Set fire, Tarkio!!!"
- Trinity, Hartford. — "Trinity! Trinity! boom-rah! boom-rah! Trinity!!!"
- Tufts. — "Rah rah rah, rah rah Tufts! T-u-f-t-s-Rah rah rah!" (twice.)
- Tulane University. — "Rah! Rah! Zip! Boom! Ah! Rah! Rah! Tulane!!!"
- University of Alabama. — "Rackety, Yack, de Yack, de Yack! Rackety, Yack, de Yack, de Yack! Hullabaloo, Hullabaloo, How d' you Do, How d' you Do, V-a-r-s-i-t-y!"
- University of Arkansas. — "Boomalacka Boomalacka wah whoo rah, Razzle dazzele gobble, gobble U. of A.!"
- University of California. — "Ha! Ha! Ha! Cal-i-for-ni-a! U. C. Berkeley! Zip! Boom! ah!"
- University of Chicago. — "Chicago, Chicago, Chicago, go! Go it Chica-go it Chica-go it Chica-go!"
- Univ. of Cincinnati. — "Heila, Heila, Heilagan! Heila, Heila, Ha! Cincinnati Varsity! Rah! Rah! Rah!"
- University of Colorado. — "I yell, all yell, we come pell-mell, Boom-rah, ra-zoo-Colorado State U.!"
- University of Denver. — "U. U. U. of D. Den-ver, Ver-si-ty! Kai Gar Wa-hoo Zip boom—D. U.!"
- University of Georgia. — "Hoo-rah-rah! Hoo-rah-rah! Rah! Rah! GEORGIA!"
- University of Idaho. — "Rah! Rah! Rah! (twice) Idaho! Id a ho! Boom! Bay! Bah!"
- University of Illinois. — "Rah-hoo-rah, Zip boom ah! Hip-zoo! rah-zoo! Jimmy, blow your bazoo! Ip-zidyki U. of I! Illinois!!!"
- University of Kansas. — "Rock-Chalk! Jay-Hawk! K. U.!"
- University of Maine. — "Rah, rah, rah, Rah, rah, rah, Rah, rah, rah, Maine!"
- Univ. of Mich. — "U. of M. Hurray! Hurray! Hoo-rah! Hoo-rah! Michigan! Michigan! rah! rah! rah!"
- Univ. of Minnesota. — "Rah, rah, rah, Ski-U-mah—hoo-rah! hoorah! Varsity—Varsity! Minne-so-ta!"
- University of Mississippi. — "Rah! R-h! Rah! Sis boom bah! Mississippi, Mississippi, Rah, rah, rah!"
- University of Missouri. — "Tiger! Tiger! M. S. U. (three times) Rah!"
- University of Nashville. — "Rickety ix, Ski ix, Ski ix, Rah Rah Rah! Rickety ix, Ski ix, Ski ix, Rah Ra Ha, Nashville!"
- University of Nebraska. — "U. U. U. Uni-Ver-Ver-Ver-si-ty-Ne-bras-ki-Oh My!!!"
- University of North Carolina. — "Yackety yack Hooray hooray! (twice) Carolina Varsity Boom Rah, Boom Rah, Car-o-li-na!"
- Univ. of North Dakota. — "Odz-dzo-dzi! Ri-ri-ri! Hy-ah! Hy-ah! North Dakota!" and Sioux war cry.
- University of Oklahoma. — "Hi Rickety Whoop te do, Boomer! Sooner! Okla. U!"
- Univ. of Omaha. — "Rah, rah, hah! Zip! Boom! Bah! U-ni-versity O-ma-ha!"
- University of Oregon. — "Rah Rah Rah! Rah Rah Rah! Rah Rah Oregon!"
- University of Pennsylvania. — "Hoo-rah! Hoo-rah! Hoo-rah! Penn-syl-va-ni-a!"
- University of Rochester. — "Hoi, Hoi, Hoi, Rah, Rah, Rah! Rochester!"
- University of South Dakota. — "Da-ko-tá, Da-ko-tá, Uni-vi of Da-ko-tá!"
- University of Tennessee. — "U. of T.! Ra! Rah! Rah! rah! (twice) Hur-rah! Tennessee! Tennessee! Rah! rah! rah!"
- Univ. of Texas. — "Hullabaloo! Hooray, Hooray! (twice) Hooray! Hooray! Varsity! Varsity! U. T. A.!"
- University of the Pacific. — "Hi! Ho! He! Oh! U. P. P-a-c-i-f-i-c University!" (three times.)
- Univ. of the South. — "Rah! Rah! Ree! Vár-Sí-Teó, Hey, hip! Hey, bip! Sé-Wá-Née! Sewanee, Rah! Se-Wá-Nee, Rah! Sewanee, TIGER, S-s-s-s, Boom! Ah-h-h-h-h!"
- University of Utah. — "Rah Rah, Rah! (three times) Utah!"
- University of Vermont. — "Rah, rah, rah! Rah, rah, rah! Vermont, Vermont! Rah, rah!"
- University of Virginia. — "Wah! hoo! wah! Wah! hoo! wah! U-n-i-v. Virgin-i-a!"
- Univ. of Wash. — "U. of W.! Hiab, hiab! U. of W.! Slah, slah! Skookum, skookum, Wash-ing-ton!"
- University of Wisconsin. — "U-Rah-Rah-Wis-con-sin!" (repeated three times with a tiger.)
- Univ. of Wyoming. — "Rah Rah Rah! Zip boom Zee! Let' ergo, let' ergo Varsity! y-y-Wy-o-ming!!!!"
- U. S. Military Academy. — "Rah! Rah! Rav! Rah! Rah! Ray! West Point! West Point! Army!!"
- Upper Iowa University. — "Hawkeye! Hawkeye! U! I! U!"
- Vanderbilt Univ. — "Vanderbilt, Rah, Rah! (twice) Hoo Rah Hoo Rah Varsity Varsity Rah, Rah, Rah!"
- Virginia Polytechnic Inst. — "Polytechs! Vir-gin-i-a! Rae! Ri! V. P. I.!"
- Wabash. — "Hoorah! Hoorah! Hoorah! Smash! Hurray for the Scarlet of Old Wabash! Hip Skitty Bow-wow, Wah-hoo-wah! Wabash! Wabash! Rah! Rah! Rah!"
- Wake Forest. — "Rah! Rah! Rah! Whoop-la Ve 'Or et Noir" and W. F. C.!"
- Washburn. — "Rah, Rah! Rah, Rah, Rah! Washburn! Washburn! Rah, Rah, Rah!"
- Wash. and Jefferson. — "Wich-i-Koax, Koax, Koax! Wich-i-Koax, Koax, Koax! W. and J. Boom!"
- Westeyan University. — "Rah! Rah! Rah! Rah! Wes-ley-an-a! Rah! Rah! Rah! Rah!"
- Western Reserve Union. — "R-e-s-e-r-v-e, Rah, Rah, Re-serve!" (three times.)
- Western University of Pennsylvania. — "Alleghenee! Genack! Genack! Hooray! Wup!"
- Western Maryland. — "Rah, rah, rah! Rah, rah, ree! Rah, rah, hullabaloo! W-M-C!"
- Westminster (Fulton, Mo.). — "Rah! Rah! Rah! Oh! yes, Sir! Vive-la, Vive-la, Westminster!"
- Westminster (Pa.). — "Rah, rah, rah, Oh—yes-sir, vive la, vevele West-min-ster!"
- West Virginia University. — "Rah! Rah! Rhee! W. V. U.! Sis Boo Mah, Tiger!!!"
- Wheaton. — "Rah! Rah! Rah! (twice) Wheaton! Wheaton! Rah! Rah! Rah!"
- Whitman. — "Breke-Ke-Kex, Koax, Koax (bis), ho-up, ho-up, parabaloo, Whitman!"
- Wilberforce University. — "Rha! Rha! Rha!! Wilberforce! Wilberforce! Rha! Rha! Rha!!!"
- Williamette University. — "Rah, Rah, Rah, Zip, boom, bah, Old Williamette, Ha, ha, ha!"
- William Jewell College. — "Yah Yah, Wow, Wow, Wee, Yaka, Zu Zi Zee; Vivela, Vivela W. J. C.!"
- Wofford. — "Hackey! Hackey! Hackey! Sisboon! Rah! W. C., Rah! Rah! Rah!"
- Worcester Polytechnic Institute. — "Rah, Rah, Rah! Worcester Polyteck! Polly, Wolly, Olley, Molly, Worcester Polyteck!"
- Yale University. — "Rah, Rah, Rah! Rah, Rah, Rah! Rah, Rah, Yale!"
- Yankton. — "O! Y! Hah! Hah! Hah! Yankton! Yankton! Rah! Rah! Rah! Hah! Wah! Bish! Boom! Bah! Yankton! Yankton! I-Lank-ton-w h!"

\*The difference between the cheers of Harvard and Yale lies in the length of time it takes to give them. Harvard's cheer is long and deep; Yale's quick and sharp.



(Communicated to THE WORLD ALMANAC by the Presidents of the respective institutions.)

|                                     |  |
|-------------------------------------|--|
| Adelphi College.....                | Brown and Gold.  |
| Alabama Polytechnic Institute.....  | Orange and Blue.   |
| Allegheny College.....              | Navy Blue and Old Gold.                                  |
| Amherst College.....                | Purple and White.  |
| Armour Institute of Technology..... | Yellow and Black.  |
| Atlanta University.....             | Steel Gray and Crimson.                                  |
| Augustana College.....              | Blue and Gold.   |
| Baker University.....               | Cadmion Orange.  |
| Baldwin University.....             | Brown and Yellow.  |
| Barnard College.....                | Blue and White.  |
| Bates College.....                  | Garnet.  |
| Beloit College.....                 | Gold.  |
| Berea College.....                  | Blue and Cream.  |
| Bethany College (Kan.).....         | Blue and Yellow.   |
| Boston University.....              | Scarlet and White.                                       |
| Bowdoin College.....                | White.   |
| Brown University.....               | Brown and White.   |
| Bryn Mawr College.....              | Yellow and White.  |
| Buchtel College.....                | Old Gold and Navy Blue.                                  |
| Bucknell University.....            | Orange and Navy Blue.                                    |
| Carleton College.....               | Maize.   |
| Catholic University of America..... | White and Gold.  |
| Central Tennessee College.....      | Brown and Yellow.  |
| Clemson Agricultural College.....   | Orange and Blue.   |
| Colby University.....               | Gray.  |
| Colgate University.....             | Maroon and Orange.                                       |
| College City of New York.....       | Lavender.  |
| Colorado College.....               | Black and Gold.  |
| Columbia University.....            | Light Blue and White.                                    |
| Columbian University.....           | Orange and Blue.   |
| Cornell College (Iowa).....         | Royal Purple.  |
| Cornell University.....             | Carnetian and White.                                     |
| Cotner University.....              | Blue and White.  |
| Cumberland University.....          | Blue, White, and Green.                                  |
| Dartmouth College.....              | Green.   |
| Denison University.....             | Red.   |
| De Paux University.....             | Old Gold.  |
| Dickinson College.....              | Red and White.   |
| Drake University.....               | Blue and White.  |
| Drury College.....                  | Scarlet and Gray.  |
| Fisk University.....                | Blue and Gold.   |
| Fort Worth University.....          | Navy Blue and Gold.                                      |
| Franklin and Marshall College.....  | Blue and White.  |
| Franklin College (Ind.).....        | Navy Blue and Old Gold.                                  |
| Geneva College.....                 | White and Gold.  |
| Georgetown College (D. C.).....     | Blue and Gray.   |
| Georgetown College (Ky.).....       | Orange and Black.  |
| Girard College.....                 | White and Garnet.  |
| Grant University.....               | Old Gold and Navy Blue.                                  |
| Hamilton College.....               | Blue and Buff.   |
| Hampton Institute.....              | Blue and White.  |
| Hanover College.....                | Dark Red and Dark Blue.                                  |
| Harvard University.....             | Crimson.   |
| Hedding College.....                | Blue and Orange.   |
| Heidelberg University.....          | Orange, Black, and Red.                                  |
| Hillsdale College.....              | Ultra-Marine (Blue).                                     |
| Hiram College.....                  | Cherry and Light Blue.                                   |
| Howard University.....              | Red, White, and Blue.                                    |
| Illinois Wesleyan University.....   | White and Blue.  |
| Illinois Wesleyan University.....   | White and Olive Green.                                   |
| Indiana University.....             | Crimson and Cream.                                       |
| Iowa College.....                   | Scarlet and Black.                                       |
| Iowa State College.....             | Cardinal and Gold.                                       |
| Iowa Wesleyan University.....       | Purple and White.  |
| John B. Stetson University.....     | White and Gold.  |
| Johns Hopkins University.....       | Official—Black and Old Gold.<br>Students—Black and Blue. |
| Kansas Wesleyan University.....     | Old Gold and Purple.                                     |
| Kentucky University.....            | Orange and Blue.   |
| Kenyon College.....                 | Mauve.   |
| Lafayette College (Pa.).....        | Maroon and White.  |
| Lake Forest University.....         | White and Ruby Red.                                      |
| Lehigh University.....              | Brown and White.   |
| Leland University.....              | Dark Blue.   |
| Leland Stanford, Jr., Univ.....     | Cardinal.  |
| Manhattan College.....              | Green and White.   |
| Marietta College.....               | Navy Blue and White.                                     |
| Maryville College.....              | Garnet and Orange.                                       |
| Mass. Agricultural College.....     | Maroon and White.  |
| Mass. Institute of Technology.....  | Cardinal and Silver Gray.                                |
| M. Kendeore College.....            | Royal Purple.  |
| Michigan Agricultural College.....  | Olive Green.   |
| Miss. Agri. and Mech. College.....  | Maroon and White.  |
| Mount Holyoke College.....          | Light Blue.  |
| Mount Union College.....            | Royal Purple.  |
| Muhlenberg College.....             | Cardinal and Steel.                                      |
| Nebraska Wesleyan University.....   | Yellow and Brown.  |
| Nevada State University.....        | National Blue.   |
| New York University.....            | Violet.  |
| Northwestern College (Ill.).....    | Cardinal and White.                                      |
| Northwestern University (Ill.)..... | Royal Purple.  |
| Notre Dame University.....          | Gold and Blue.   |
| Oberlin College.....                | Crimson and Gold.  |
| Ohio University.....                | Olive Green and White.                                   |
| Ohio Wesleyan University.....       | Black and Scarlet.                                       |
| Olivet College.....                 | Crimson.   |
| Ottawa University.....              | Sunflower Yellow.  |
| Otterbein University.....           | Cardinal and Tan.  |
| Oxford College.....                 | Yellow and Blue.   |
| Park College.....                   | Wine and Canary.   |
| Penn. College.....                  | Navy Blue and Old Gold.                                  |
| Pennsylvania College.....           | Orange and Dark Blue.                                    |
| Polytechnic Inst. (Brooklyn).....   | Blue and Gray.   |
| Portland University (Ore.).....     | Crimson.   |
| Frost Institute (Brooklyn).....     | Cadmium Yellow.  |
| Princeton University.....           | Orange and Black.  |
| Purdue University.....              | Old Gold and Black.                                      |
| Randolph-Macon College.....         | Orange and Black.  |
| Richmond College (Va.).....         | Crimson and Blue.  |
| Ripon College.....                  | Crimson.   |
| Rollins College.....                | Royal Blue and Old Gold.                                 |
| Rutgers College.....                | Scarlet.   |
| Scio College.....                   | Purple and Gold.   |
| Seton Hall College.....             | Dark Blue and White.                                     |
| Shurtleff College.....              | Red and Yellow.  |
| Simpson College.....                | Red and Old Gold.  |
| Smith College.....                  | White.   |
| Southwestern Presbyterian Univ..... | Red and Gray.  |
| State University of Iowa.....       | Old Gold.  |
| State University (Ky.).....         | Old Gold and Gold.                                       |
| Stevens Inst. of Technology.....    | Silver Gray and Crimson.                                 |
| St. Francis Xavier College.....     | Maroon and Pale Blue.                                    |
| St. John's College (N. Y.).....     | Maroon.  |
| St. Lawrence University.....        | Scarlet and Brown.                                       |
| St. Louis University.....           | Gold, White, and Blue.                                   |
| Swarthmore College.....             | Garnet.  |
| Syracuse University.....            | Orange.  |
| Tarkio College.....                 | Purple and Cream.  |
| Taylor University.....              | Brown and Lavender.                                      |
| Teachers' College (N. Y. City)..... | Light Blue.  |
| Thiel College.....                  | Blue and Gold.   |
| Trinity College (Hartford).....     | Blue and Old Gold.                                       |
| Tufts College.....                  | Brown and Blue.  |
| Tulane University.....              | Olive and Blue.  |
| Union Christian College.....        | Royal Purple.  |
| Union Theological Seminary.....     | Crimson.   |
| University of Alabama.....          | Crimson and White.                                       |
| University of Arkansas.....         | Cardinal.  |
| University of California.....       | Blue and Gold.   |
| University of Chicago.....          | Maroon.  |
| University of Cincinnati.....       | Red and Black.   |
| University of Colorado.....         | Gold and Silver.   |
| University of Denver.....           | Red and Gold.  |
| University of Georgia.....          | Red and Black.   |
| University of Idaho.....            | Yellow and White.  |
| University of Illinois.....         | Navy Blue and Orange.                                    |
| University of Kansas.....           | Crimson and Blue.  |
| University of Maine.....            | Light Blue.  |
| University of Michigan.....         | Maize and Blue.  |
| University of Minnesota.....        | Old Gold and Maroon.                                     |
| University of Mississippi.....      | Royal Purple.  |
| University of Missouri.....         | Old Gold and Black.                                      |
| University of Montana.....          | Gold, Silver, and Copper.                                |
| University of Nashville.....        | Blue and Garnet.   |
| University of Nebraska.....         | Scarlet and Cream.                                       |
| University of North Carolina.....   | White and Blue.  |
| University of North Dakota.....     | Pink and Green.  |
| University of Omaha.....            | Old Gold and Royal Purple.                               |
| University of Oregon.....           | Yellow (Oregon Grape Color).                             |
| University of Pennsylvania.....     | Red and Blue.  |
| University of Rochester.....        | Dandelion Yellow.  |
| University of South California..... | Red and Gold.  |
| University of South Dakota.....     | Vermilion.   |
| University of the South.....        | Royal Purple and Gold.                                   |
| University of Tennessee.....        | Orange and White.  |
| University of Texas.....            | White and Orange.  |
| University of Utah.....             | Silver and Crimson.                                      |
| University of Vermont.....          | Green and Gold.  |
| University of Virginia.....         | Blue and Orange.   |
| University of Washington.....       | Purple and Gold.   |
| University of Wisconsin.....        | Cardinal.  |
| University of Wooster.....          | Gold and Black.  |
| U. S. Military Academy.....         | Black, Gray, and Gold.                                   |
| Upper Iowa University.....          | Peacock Blue.  |
| Vanderbilt University.....          | Black and Gold.  |
| Vassar College.....                 | Rose and Gray.   |
| Wash'n and Jefferson College.....   | Red and Black.   |
| Washington and Lee University.....  | Blue and White.  |
| Washington University.....          | Myrtle and Maroon.                                       |
| Wellesley College.....              | Blue.  |
| Wells College.....                  | Cardinal.  |
| Wesleyan University.....            | Cardinal and Black.                                      |
| Western Reserve University.....     | Crimson and White.                                       |
| Western Univ. of Pennsylvania.....  | Old Gold and Navy Blue.                                  |
| West Virginia University.....       | Old Gold and Blue.                                       |
| Willamette University.....          | Cardinal and Old Gold.                                   |
| Williams College.....               | Royal Purple.  |
| Yale University.....                | Dark Blue.   |

## Phi Beta Kappa.

THE National Council, Phi Beta Kappa, is composed of fifty different college chapters in union. At the triennial session at Saratoga Springs, N. Y., September 7, 1898, the following officers and Senators were elected: President, J. A. De Remer, Schenectady, N. Y.; Vice-President, Prof. J. C. Van Benschoten, Middletown, Ct.; Secretary and Treasurer, Rev. E. B. Parsons, D. D., Williamstown, Mass.; Senators, Joseph H. Choate, New York City; J. A. De Remer, Schenectady, N. Y.; T. E. Hancock, Syracuse, N. Y.; Prof. Samuel Hart, D. D., Hartford, Ct.; Col. T. W. Higginson, Cambridge, Mass.; Seth Low, New York City; H. W. Mabie, New York City; Prof. F. A. March, Easton, Pa.; H. E. Scudder, Cambridge, Mass.; Prof. J. C. Van Benschoten, Middletown, Ct.; Prof. S. E. Baldwin, New Haven, Ct.; Prof. H. L. Chapman, Brunswick, Me.; President D. C. Gilman, Baltimore, Md.; Rev. E. E. Hale, Roxbury, Mass.; Bishop J. F. Hurst, Washington, D. C.; Col. William Lamb, Norfolk, Va.; Prof. F. P. Nash, Geneva, N. Y.; Rev. E. B. Parsons, Williamstown, Mass.; President C. F. Thwing, Cleveland, O.; Prof. Adolph Werner, New York City.

## The Peabody Education Fund.

IN 1867 and 1869 George Peabody established a fund of \$3,500,000, to be devoted to education in the Southern States of the Union. Unfortunately, \$1,350,000 of this amount was in Mississippi and Florida bonds, which those States repudiated. The fund was placed in the charge and control of 15 trustees, of which the Hon. Robert C. Winthrop, of Massachusetts, was the chairman. Mr. Peabody died in London in 1869. The trustees hold meetings annually, usually in New York. They fill vacancies caused by death or resignation. But one of the original trustees survives—Ex-Senator Everts. The present trustees are: William M. Everts, who is President of the board; Chief Justice Fuller, First Vice-President; Rt. Rev. Bishop Whipple, Second Vice-President; Hon. Jabez L. M. Curry, LL. D., General Agent; Joseph H. Choate, J. Pierpont Morgan, of New York; President William McKinley, of Ohio; Samuel A. Green, Richard Olney, and George F. Hoar, of Massachusetts; William Wirt Henry, of Virginia; ex-Mayor William A. Courtenay, of South Carolina; James D. Porter, of Tennessee; Henderson M. Somerville, of New York; President D. C. Gilman, of Johns Hopkins University; George Peabody Wetmore, of Rhode Island, and Charles E. Fenner, of Louisiana. Dr. Curry is general agent of the fund, with headquarters at Washington, D. C., and has charge of the distribution of the fund in the several Southern States. In its earlier history, the chief aim of the fund was to encourage and secure the establishment of public school systems for the free education of all children. That having been accomplished, the income of the fund is now used for the training of teachers through Normal Schools and Teachers' Institutes. At its session in October, 1896, the board declared it to be inexpedient to close the Trust in February, 1897, the power to do which was left to its discretion. In the thirty-one years since the organization of the Trust, over \$2,585,182 for education has been spent, as the income of the sum left by Mr. Peabody. Mr. J. Pierpont Morgan is the Treasurer.

## The John F. Slater Fund.

IN 1882 Mr. John F. Slater, of Connecticut, placed in the hands of trustees the sum of \$1,000,000, for the purpose of "uplifting the lately emancipated population of the Southern States and their posterity." For this patriotic and munificent gift the thanks of Congress were voted, and a medal was presented. Neither principal nor income is expended for land or buildings. Education in industries and the preparation of teachers are promoted in institutions believed to be on a permanent basis. The board consists of D. C. Gilman, of Johns Hopkins University, as President; Chief Justice Fuller, as Vice-President; Morris K. Jesup, as Treasurer; J. L. M. Curry, as Secretary and General Manager, and Bishops Potter and Galloway, and Messrs. William E. Dodge, William A. Slater, John A. Stewart, Alexander E. Orr, ex-Governor Northen, and Wm. L. Wilson. The fund is a potential agency in working out the problem of the education of the negro, and over half a million of dollars has already been expended. Schools established by States, denominations, and individuals are helped by annual donations. Among the most prominent are the Hampton Normal and Industrial, the Spelman, the Tuskegee, and schools at Orangeburg, S. C.; Tongaloo, Miss.; Marshall, Tex.; Raleigh, N. C.; New Orleans, the Meharry Medical College at Nashville, etc.

## National Educational Association.

*President*—E. Oram Lyte, Millersville, Pa. *Secretary*—Irwin Shepard, Winona, Minn. *Treasurer*—I. C. McNeil, West Superior, Wis. Depository of Association at 450 Pennsylvania Avenue, Washington, D. C. *Object*—To elevate the character and advance the interests of the profession of teaching, and to promote the cause of public education in the United States. Annual dues for active members and for associate members, \$2. Annual meetings of the General Association are held in July. There are about 2,000 active, and an average of 8,000 associate members. The Association has a permanent invested fund of about \$65,000.

## American Library Association.

*President*—Reuben G. Thwaites, Secretary and Superintendent of the Wisconsin State Historical Society, Madison, Wis. *Vice-Presidents*—Edwin H. Anderson, Carnegie Library, Pittsburgh; Mary W. Plummer, Pratt Institute Free Library, Brooklyn; Ernest C. Richardson, Princeton University Library, New Jersey. *Secretary*—Henry J. Carr, Scranton (Pa.) Public Library. *Recorder*—Helen E. Haines, *Library Journal*, New York City. *Treasurer*—Gardner M. Jones, Salem (Mass.) Public Library.

The American Library Association is a national body, organized in 1876, and incorporated in 1879. Its motto is: "The best reading, for the largest number, at the least cost." The Association seeks in every practicable way to develop and strengthen the public library as an essential part of the American educational system. It therefore strives by both individual effort and local organization to stimulate public interest in establishing and improving libraries, and thereby bring the best reading within the reach of all. The present membership of the Association is over 600 in number, and its successive annual meetings have been held in various places so as to accommodate all sections of the United States and Canada.

The next conference of the American Library Association, its twenty-second general meeting, is to be held at Montreal early in June, 1900.

## University Extension.

**THE American Society for the Extension of University Teaching** was founded at Philadelphia in June, 1890. Its objects are: To organize groups of people into centres and to bring together these centres and competent lecturers, chosen from the list of instructors, whose qualifications to teach have been passed upon by the Society; to cooperate as far as possible with institutions of learning and other bodies with the purpose of bringing to the many the best thought of the few; to keep the University Extension idea before the country by the Society's representatives and publications. It offers:

First—Education by means of systematic courses of lectures and classes in the subjects usually taught at high schools and universities.

Second—Illustrated lectures and classes in literature, art, and science, with the purpose of teaching the appreciation of the beautiful, and rendering life more interesting and enjoyable.

Third—Lectures and classes in history, civics, and economics, designed to aid the citizen in studying the problems of free government and modern life, and to encourage a sense of responsibility, habits of sound thinking, and right conduct.

The Board of Directors of the American Society are: Charles A. Brinley, M. G. Brumbaugh, Charles E. Bushnell, Isaac H. Clothier, John H. Converse, Walter C. Douglas, Theodore N. Ely, Charles C. Harrison, William H. Ingham, John S. MacIntosh, Frederick B. Miles, Henry S. Panscoast, Joseph G. Rosengarten, Justus C. Strawbridge, and Stuart Wood. The officers are: President, Charles A. Brinley; Treasurer, Frederick B. Miles; Secretary, John Nolen.

Since the organization there have been delivered under its auspices 5,084 lectures, usually in courses of six lectures each; the average attendance at each lecture has been 186, and the aggregate attendance 953,676. The average annual attendance at courses is 17,500, and of this number 10 per cent pursue the systematic reading and study recommended by the lecturers. During 1898-99 seven courses of lectures were given in Philadelphia to audiences made up mainly of artisans; the total attendance was 4,144.

From Philadelphia the movement has extended to many States. In Rhode Island Brown University has organized many centres. In New York the University of the State, through its Secretary, Melvil Dewey, has arranged for Extension lectures in many important towns and cities. Rutgers College, as the agricultural college of New Jersey, has offered scientific courses especially for the farmers of the State. The Universities of Wisconsin, Indiana, Kansas, and California have done much for their respective States. Chicago University has provided a special University Extension Division, with three departments: (1) Lecture-study; (2) Class-work; (3) Correspondence. Conferences held from time to time in Philadelphia have been an important feature of the movement. The Society publishes valuable syllabi, giving a careful outline of the lectures, together with lists of recommended books and questions for essays in connection with the lecture courses. Circulars and information in reference to the movement can be obtained by addressing John Nolen, Secretary, Fifteenth and Sansom Streets, Philadelphia, Pa.

## The Chautauqua System of Education.

*President*—Clem. Studebaker, South Bend, Ind. *Chairman of Executive Committee and Acting Manager*—Wilson M. Day, Cleveland, O. *Secretary*—W. A. Duncan, Syracuse, N. Y. *Chancellor*—John H. Vincent, Topeka, Kan. *Superintendent of Department of Instruction*—G. E. Vincent, Chicago, Ill. *New York State Summer School*. Charles E. Skinner, Albany, N. Y. *Superintendent*.

*The Chautauqua Assembly* was organized in 1874 as the result of a joint plan of Lewis Miller and John H. Vincent. It holds annual sessions during July and August at Chautauqua, N. Y. The plan includes courses of instruction in language, literature, science, and art, lecture courses, musicales, recitals, and concerts, and various forms of entertainment and recreation.

*The Chautauqua Literary and Scientific Circle*, Kate F. Kimball, Cleveland, O., Executive Secretary, was organized at Chautauqua in 1875, with the aim of continuing the influence of the Assembly throughout the year in all parts of the country. Since that time more than two hundred and fifty thousand members have been enrolled. The Circle aims to promote habits of reading and study in history, literature, science, and art, in connection with the routine of daily life. The course seeks to give "the college outlook" on the world and life. The essentials of the plan are: A definite course covering four years, each year's course complete in itself; specified volumes approved by the counselors allotment of time by the week and month, a monthly magazine with additional readings and notes a membership book with review outlines, and other aid. Individual readers may have all the privileges and local circles may be formed by three or four members. The time required is about one hour daily for nine months. Certificates are granted to all who complete the course. Seals are affixed to the certificates which are granted for collateral and advanced reading. Any one may become a member of the C. L. S. C. by sending an application, together with 50 cents (the annual fee), to Chautauqua Assembly, General Offices, Cleveland, O.

## Catholic Summer School of America.

*President*—Rev. Michael J. Lavelle, LL. D., New York. *First Vice-President*—Rt. Rev. Mgr. James F. Loughlin, D. D., Philadelphia, Pa. *Second Vice-President*—Hon. Thomas J. Gargan, Boston, Mass. *Treasurer*—Rev. John F. Mullany, LL. D., Syracuse, N. Y. *Secretary*—Warren E. Mosher, A. M., Youngstown, Ohio. *Chairman Executive Committee*—Hon. John B. Riley, Plattsburg, N. Y. *Chairman Board of Studies*—Rev. Thomas McMillan, C. S. P., New York. *Chairman Reading Circle Board*—Rev. Morgan M. Sheedy, Altoona, Pa.

A Roman Catholic Chautauqua or Summer School was opened at New London, Ct., in the Summer of 1892 under the auspices of distinguished clergymen and laymen, and the first meetings were held from July 30 to August 14. The association has since acquired a site at Cliff Haven, near Plattsburg, N. Y., on Lake Champlain, upon which the necessary buildings have been erected, and here the Summer School is held annually in July and August. The work of the institution is continued throughout the year by means of reading circles and study clubs on the University Extension plan.

## Freemasonry.

## THE DECREES IN MASONRY.

## Lodge.

1. Entered Apprentice.
2. Fellow Craftsman.
3. Master Mason.

| YORK RITE.                  |  | SCOTTISH RITE.                             |   |   |
|-----------------------------|--|--|---|---|
| <i>Chapter.</i>             |  | <i>Lodge of Perfection.</i>                | <i>Councils of Princes of Jerusalem (Continued).</i>        | <i>Consistories of Sublime Princes of the Royal Secret (Continued).</i> |
| 4. Mark Master.             |  | 4. Secret Master.                          | 16. Prince of Jerusalem.                                    | 25. Knight of the Brazen Serpent.                                       |
| 5. Past Master.             |  | 5. Perfect Master.                         | <i>Chapters of Rose Croix.</i>                              | 26. Prince of Mercy.  |
| 6. Most Excellent Master.   |  | 6. Intimate Secretary.                     | 17. Knight of the East and West.                            | 27. Commander of the Temple.  |
| 7. Royal Arch Mason.        |  | 7. Provost and Judge.                      | 18. Knight of the Rose Croix de H. R. D. M.                 | 28. Knight of the Sun.  |
|                             |  | 8. Intendant of the Building.              | <i>Consistories of Sublime Princes of the Royal Secret.</i> | 29. Knight of St. Andrew  |
|                             |  | 9. Elect of Nine.                          | 19. Grand Pontiff.  | 30. Grand Elect Knight, K. H., or Knight of the Black and White Eagle.  |
| <i>Council.</i>             |  | 10. Elect of Fifteen.                      | 20. Master Ad Vitam.  | 31. Grand Inspector Inquisitor Commander.                               |
| 8. Royal Master.            |  | 11. Sublime Knight Elect.                  | 21. Patriarch Noachite.                                     | 32. Sublime Prince of the Royal Secret.                                 |
| 9. Select Master.           |  | 12. Grand Master Architect.                | 22. Prince of Libanus.                                      | 33. Sovereign Grand Inspector-General of the 33rd and Last Degree.      |
| 10. Super Excellent Master. |  | 13. Knight of the Ninth Arch.              | 23. Chief of the Tabernacle.                                |   |
|                             |  | 14. Grand Elect, Perfect and Sublime Mason | 24. Prince of the Tabernacle.                               |   |
| <i>Commandery.</i>          |  | <i>Councils of Princes of Jerusalem</i>    |   |   |
| 11. Red Cross Knight.       |  | 15. Knight of the East or Sword.           |   |   |

## MASONIC GRAND LODGES IN THE UNITED STATES AND BRITISH AMERICA.

| GRAND LODGES.        | No. Members. 1898-99 | Grand Secretaries.           | GRAND LODGES.        | No. Members. 1898-99 | Grand Secretaries.           |
|----------------------|----------------------|------------------------------|----------------------|----------------------|------------------------------|
| Alabama .....        | 12,005               | H. C. Armstrong, Montg.      | Nevada .....         | 837                  | C. N. Noteware, Carson.      |
| Arizona .....        | 618                  | G. J. Roskrige, Tucson       | N. Brunswick .....   | 1,757                | J. Twining Hart, St John.    |
| Arkansas .....       | 13,305               | F. Hempstead, Little Rock.   | N. Hampshire .....   | 9,224                | G. P. Cleaves, Concord       |
| Brit. Columb .....   | 1,339                | W. J. Quilnan, Victoria      | New Jersey .....     | 16,970               | T. H. R. Redway, Trenton.    |
| California .....     | 19,542               | G. Johnson, San Francisco    | New Mexico .....     | 881                  | A. A. Keen, Albuquerque.     |
| Canada .....         | 23,996               | J. J. Mason, Hamilton.       | New York .....       | 98,180               | E. M. L. Ehlers, N. Y. City. |
| Colorado .....       | 7,605                | Ed. C. Parmelee, Denver      | N. Carolina .....    | 10,500               | John C. Drewry, Raleigh.     |
| Connecticut .....    | 17,232               | John H. Barlow, Hartford     | North Dakota .....   | 2,871                | F. J. Thompson, Fargo.       |
| Delaware .....       | 2,176                | B. F. Bartram, Wilmington    | Nova Scotia .....    | 3,453                | William Ross, Halifax.       |
| Dist. of Colum ..... | 5,298                | W. R. Singleton, Wash.       | Ohio .....           | 42,848               | J. H. Bromwell, Cincinnati.  |
| Florida .....        | 4,187                | W. P. Webster, Jacksonville. | Oklahoma .....       | 1,456                | J. S. Hunt, Stillwater.      |
| Georgia .....        | 18,611               | W. A. Wohlhin, Macon.        | Oregon .....         | 5,090                | Jas. F. Robinson, Eugene.    |
| Idaho .....          | 1,240                | Theop. W. Randall, Boise     | Pennsylvania .....   | 52,060               | Wm. A. Sinn, Philadelphia    |
| Illinois .....       | 54,080               | J. H. C. Dill, Bloomington.  | Pr. Ed. Island ..... | 525                  | N. MacKelvie, Summerside     |
| Indiana .....        | 29,951               | W. H. Smythe, Indianapolis.  | Quebec .....         | 3,590                | J. H. Isaacson, Montreal.    |
| Indian Ter. ....     | 3,450                | T. S. Murrow, Atoka.         | Rhode Island .....   | 5,164                | E. Baker, Providence.        |
| Iowa .....           | 27,907               | P. S. Parvin, Cedar Rapids   | S. Carolina .....    | 5,846                | C. Inglesby, Charleston.     |
| Kansas .....         | 20,103               | Albert K. Wilson, Topeka.    | South Dakota .....   | 4,460                | G. A. Pettigrew, Flandreau   |
| Kentucky .....       | 18,402               | H. B. Grant, New Orleans.    | Tennessee .....      | 17,248               | John B. Garrett, Nashville.  |
| Louisiana .....      | 5,476                | R. Lambert, Portland.        | Texas .....          | 30,852               | John Watson, Houston.        |
| Maine .....          | 22,191               | Stephen Berry, Portland.     | Utah .....           | 807                  | C. Diehl, Salt Lake City.    |
| Manitoba .....       | 2,669                | W. G. Scott, Winnipeg.       | Vermont .....        | 9,886                | W. G. Reynolds, Barre.       |
| Maryland .....       | 7,784                | J. H. McDairy, Baltimore.    | Virginia .....       | 13,072               | G. W. Carrington, Richmond.  |
| Massach' setts ..... | 30,334               | S. D. Nickerson, Boston.     | Washington .....     | 4,663                | T. M. Reed, Olympia.         |
| Michigan .....       | 40,387               | J. S. Conover, Coldwater.    | W. Virginia .....    | 6,251                | G. W. Atkinson, Wheeling.    |
| Minnesota .....      | 15,907               | T. Montgomery, St. Paul.     | Wisconsin .....      | 17,226               | J. W. Laffin, Milwaukee.     |
| Mississippi .....    | 31,360               | L. Power, Jackson.           | Wyoming .....        | 1,046                | W. L. Kuykendall, Saratoga   |
| Missouri .....       | 2,850                | C. D. Vincil, St. Louis.     |                      |                      |                              |
| Montana .....        | 11,775               | Cornelius Hedges, Helena.    |                      |                      |                              |
| Nebraska .....       | 11,775               | Francis E. White, Omaha.     |                      |                      |                              |
|                      |                      |                              | Total .....          | 836,549              |                              |

The returns of the Grand Lodges of the United States and British America for 1898-99 were as follows: Whole number of members, 836,549; raised, 43,542; admissions and restorations, 20,473; withdrawals, 16,889; expulsions and suspensions, 669; suspensions for non-payment of dues, 19,122; deaths, 12,542. Gain in membership over preceding year, 19,322.

These Grand Lodges are in full affiliation with the English Grand Lodge, of which the Prince of Wales is Grand Master, and the Grand Lodges of Ireland, Scotland, Cuba, Peru, South Australia, New South Wales, Victoria, and Mexico, and also with the Masons of Germany and Austria. They are not in affiliation and do not correspond with the Masons under the jurisdiction of the Grand Orient of France; they, however, affiliate with and recognize Masons under the jurisdiction of the Supreme Council. Freemasonry is under the ban of the Church in Spain, Italy, and other Catholic countries, and the membership is small and scattered.

FREEMASONRY—Continued.

ROYAL ARCH MASONS.

OFFICERS OF THE GENERAL GRAND CHAPTER, 1897-1900.

*General Grand High Priest*—Reuben C. Lemmon, Toledo, O.  
*Dep. Gen. Grand High Priest*—James W. Taylor, Luthersville, Ga.  
*Gen. Grand King*—A. G. Pollard, Lowell, Mass.  
*Gen. Grand Scribe*—Joseph E. Dyas, Paris, Ill.  
*Gen. Grand Treasurer*—Wm. Wentze, Manistee, Mich.  
*Gen. Grand Secretary*—Christopher G. Fox, Buffalo, Gen. Grand Captain of the Host—William C. Swain, Milwaukee.

*Gen. Grand Principal Sojourner*—Nathan Kingsley, Austin, Minn.  
*Gen. Grand Royal Arch Captain*—Bernard G. Witt, Henderson, Ky.  
*Gen. Grand Master 3d Vail*—Geo. E. Corson, Washington.  
*Gen. Grand Master 2d Vail*—Frederick W. Craig, Des Moines, Iowa.  
*Gen. Grand Master 1st Vail*—William F. Kuhn, Kansas City, Mo.

The office of the General Grand Secretary is at Buffalo, N. Y.

The number of grand chapters, each representing a State or Territory (except Pennsylvania and Virginia), is 44, and the number of enrolled subordinate chapters is 2,235, exclusive of 18 subordinate chapters in the Territories of the United States, the Sandwich Islands, Chile, and the Chinese Empire, which are under the immediate jurisdiction of the General Grand Chapter.

The total membership of the enrolled subordinate chapters is 177,628. The degrees conferred in Chapters are Mark Master, Past Master, Most Excellent Master, and Royal Arch Mason. The next triennial meeting will be held at Cincinnati, in September, 1900.

The Grand Secretarial Guild of Freemasonry of North America was organized at the triennial convocation of Royal Arch Masons at Minneapolis in July, 1891. It is an association of Grand Secretaries and Grand Recorders of North America for the purpose of systematizing the secretarial labors of Freemasonry. The Guild meets twice every three years at the triennial convocations of the General Grand Chapter and Triennial Conclaves of the Grand Encampment. The officers are: *President*, Theodore S. Parvin, Cedar Rapids, Iowa; *Secretary*, William R. Bowen, Omaha, Neb.; *Treasurer*, William H. Mayo, St. Louis, Mo.

KNIGHTS TEMPLARS.

OFFICERS OF THE GRAND ENCAMPMENT OF THE UNITED STATES OF AMERICA.

*Grand Master*—Reuben H. Lloyd, Cal.  
*Deputy Grand Master*—Henry B. Stoddard, Tex.  
*Grand Generalissimo*—George M. Moulton, Ill.  
*Grand Captain-General*—H. W. Rugg, R. I.

*Grand Senior Warden*—William B. Melish, O.  
*Grand Junior Warden*—Joseph A. Locke, Me.  
*Grand Treasurer*—H. Wales Lines, Ct.  
*Grand Recorder*—William H. Mayo, St. Louis, Mo.

The office of the Grand Master is at San Francisco, Cal., and of the Grand Recorder at St. Louis, Mo. The next triennial convocation (the twenty-eighth) will be held at Louisville, Ky., on the fourth Tuesday in August, 1901.

The number of grand commanderies in the United States and Territories, each representing individual States and Territories (except that Massachusetts and Rhode Island are combined), is 43.

The number of commanderies under the jurisdiction of the Grand Encampment is 1,012; membership, 116,992. These are exclusive of subordinate commanderies in Delaware, Idaho, Nevada, New Mexico, Sandwich Islands, South Carolina, and Utah, with a membership of 1,412. Total membership, 118,404.

The orders conferred in a commandery of Knights Templar are Red Cross, Knight Templar, and Knight of Malta. A Mason to obtain these orders must be a Master Mason and Royal Arch Mason in good standing, and a member of both lodge and chapter.

ANCIENT ACCEPTED SCOTTISH RITE MASONS.

SUPREME COUNCIL OF SOVEREIGN GRAND INSPECTORS-GENERAL OF THE THIRTY-THIRD AND LAST DEGREE.

OFFICERS OF THE NORTHERN MASONIC JURISDICTION.

*M. P. Sovereign Grand Commander*..... Henry L. Palmer, Wis.  
*P. Gr. Lt.-Com.*—Samuel C. Lawrence, Mass. | *Gr. Treasurer-Gen.*—Newton D. Arnold, R. I.  
*Gr. Min. State*—N. R. Ruckle, Ind. | *Gr. Secretary-Gen.*—Clinton F. Paige, N. Y.

The personal address of the Grand Secretary-General is Binghamton, N. Y. and the official address is 133 Stewart Building, New York City.

OFFICERS OF THE SOUTHERN MASONIC JURISDICTION.

*M. P. Sovereign Grand Commander*..... Thomas H. Caswell, Cal.  
*Secretary-General*..... Frederick Webber D. C.

The addresses of both of these officers are No. 433 Third Street, N. W., Washington, D. C. These grand bodies are in relations of amity with the Supreme Councils for France, England, Scotland, Ireland, Belgium, Brazil, the Argentine Republic, Uruguay, Paraguay, Peru, Portugal, Italy, Mexico, Colombia, Chile, Central America, Greece, Canada, Cuba, Switzerland, Egypt, Tunis, and Spain.

SOVEREIGN COLLEGE OF ALLIED MASONIC DEGREES FOR THE UNITED STATES OF AMERICA.

*Sovereign Grand Master*—Rev. Hartley Carmichael, D. D. *Deputy Grand Master*—William Ryan.  
*Grand Abbot*—Right Rev. A. M. Randolph, D. D. *Grand Senior Warden*—Frederick Webber.  
*Grand Junior Warden*—A. R. Courtney. *Grand Almoner*—Josiah H. Drummond. *Grand Recorder-General*—Charles A. Nesbitt. *Grand Bursar*—John Frederick Mayer. *Grand Representative in England*—The Earl of Euston. The addresses of the Sovereign Grand Master and Grand Recorder-General are Richmond, Va.

The Sovereign College governs the degrees of Ark Mariner, Secret Monitor, Tylers of Solomon, St. Lawrence the Martyr, Knight of Constantinople, Holy and Blessed Order of Wisdom, and Trinitarian Knight of St. John of Patmos, and is in communion with the Grand Council of Allied Masonic Degrees of England and Grand Ark Mariner's Council of England. It is the only Masonic body in the world that confers, in addition to ritual degrees, academic degrees, which it gives *honoris causa*. Its highest honor of this kind is "Doctor of Universal Masonry." Only the following Masons possess it: Prince Demetrius Rhodocanakis, of Greece; the Earl of Euston and William James Hughan, of England; D. Murray Lyon, of Scotland, and Josiah H. Drummond, of Maine.

## FREEMASONRY—Continued.

## ROYAL ORDER OF SCOTLAND.

OFFICERS OF THE PROVINCIAL GRAND LODGE FOR THE UNITED STATES OF AMERICA.

|   |  |
|---|--|
| <i>Prov. Grand Master</i> —Josiah H. Drummond, Me.      | <i>Prov. Grand Chaplain</i> —Rev. H. Carmichael, Va.     |
| <i>Prov. Dep. Grand Master</i> —Thos. H. Caswell, Cal.  | <i>Prov. First Grand Marischal</i> —G. E. Corson, D. C.  |
| <i>Prov. Senior Grand Warden</i> —Geo. M. Moulton, Ill. | <i>Prov. Second Grand Marischal</i> —J. H. Olcott, D. C. |
| <i>Prov. Junior Grand Warden</i> —Charles H. Fisk, Ky.  | <i>Prov. Grand Steward</i> —Allison Nailor, Jr., D. C.   |
| <i>Prov. Grand Secretary</i> —W. Oscar Roome, D. C.     | “ “ “ Wm. Bromwell Melish, O.                            |
| <i>Prov. Grand Treasurer</i> —Thos. J. Shyroek, Md.     | “ “ “ Harrison Dingman.                                  |
| <i>Prov. Grand Sword Bearer</i> —F. M. Highley, Pa.     | “ “ “ H. H. Williams, Hawaii.                            |
| <i>Prov. Grand Banner Bearer</i> —Nich. Coulson, Mich.  | <i>Prov. Grand Guarder</i> —James Hays Trimble, D. C.    |

This Provincial Grand Lodge has jurisdiction over the whole United States, and was instituted in 1878 with the late Bro. Albert Pike as Provincial Grand Master. It has no subordinate bodies, and the membership is 271. It holds its charter from the Grand Lodge of the Royal Order of Scotland, at Edinburgh. The office of the Provincial Grand Master is at Portland, Me.; of the Provincial Grand Secretary at Washington, D. C.

## SOVEREIGN SANCTUARY OF ANCIENT AND PRIMITIVE FREEMASONRY.

RITE OF MEMPHIS—IN AND FOR THE CONTINENT OF AMERICA.

*M. I. Grand Master-General.* H. G. Goodale, 96° | *V. I. Grand Chancellor-General.* J. S. Phillips, 95°  
*V. I. Grand Administrator-General.* W. F. Ford, 95° | *V. I. Grand Secretary-General.* E. T. Stewart, 95°

J. Adelphi Gottlieb, M. A., M. D., LL. D., Legate of the M. I. Grand Master-General and Sovereign Sanctuary to Foreign Countries. M. A. Gottlieb, 95°, Deputy Grand Representative and Assistant Grand Examiner Mystic Temple. Office of Deputy Grand Secretary-General and Grand Examiner of the Mystic Temple, State of New York, 304 West One Hundred and Fourth Street, New York City.

The Sovereign Sanctuary is composed of Masons who have received the 95th degree of Patriarch Grand Conservator of the Rite; and has jurisdiction over the continent of America. It was formally instituted in the United States in the year 1856. The American body is in affiliation with the various Masonic powers of the world and has a regular exchange of Representatives with England, Ireland, New Zealand, Italy, Spain, Roumania, Egypt, etc. The Degrees of the Rite, which are ninety of instruction and seven official, are conferred in the subordinate bodies of the Rite thus. Fourth to 18th degree in a Chapter Rose Croix; 19th to 42d degree in a Senate of Hermetic Philosophers; 43d to 90th degree in a Council of Sublime Masters of the Great Work.

The A. and P. Rite of Memphis acknowledges the Blue Lodge as the fundamental basis of the institution, to which the Masonic allegiance of all its members is due, and from which there can be no deviation; therefore no Mason can be allowed to join the Masonic Order of Memphis unless he is a Master Mason of a lodge in good standing, working under a Grand Lodge of Free and Accepted Masons.

## COLORED MASONIC BODIES.

There are thirty-one grand lodges in as many different States of the United States and one in Canada. The Prince Hall Grand Lodge, of Massachusetts, is the oldest lodge, having been organized in the year 1808. It was the outgrowth of African Lodge, No. 459, the warrant for which was granted to Prince Hall and fifteen other colored Masons September 24, 1784. The number of colored Masons in the United States and Canada is 35,113; Royal Arch, 13,000; Knights Templar, 10,335; Nobles of the Mystic Shrine, 1,326; Ancient Accepted Scottish Rite Masons, 5,712. The Grand Lodge of New York, organized in 1843, has jurisdiction over thirty-three lodges, located in different parts of the State. The total membership is about 1,100. Enoch R. Spaulding, Oswego, N. Y., is Grand Master.

## Nobles of the Mystic Shrine.

The Ancient Arabic Order of the Nobles of the Mystic Shrine is not a regular Masonic body, but its membership is composed strictly of Masons who have reached the 32d degree, A. A. S. Rite (18th degree in England), or Knights Templars in good standing. There are 51 temples in the United States, and a total membership of about 52,000.

The following are the imperial officers for the United States for 1900: *Imperial Potentate*, John H. Atwood, Leavenworth, Kan.; *Imperial Deputy Potentate*, Lou. B. Winsor, Reed City, Mich.; *Imperial Chief Rabbun*, Philip C. Shaffer, Philadelphia, Pa.; *Imperial Assistant Rabbun*, Henry C. Akin, Omaha, Neb.; *Imperial High Priest and Prophet*, George H. Green, Dallas, Tex.; *Imperial Oriental Guide*, George L. Brown, Buffalo, N. Y.; *Imperial Treasurer*, William S. Brown, 520 Wood Street, Pittsburgh, Pa.; *Imperial Recorder*, Benjamin W. Rowell, 28 School Street, Boston, Mass.; *Imperial First Ceremonial Master*, Henry A. Collins, Toronto, Can.; *Imperial Second Ceremonial Master*, Rial S. Peck, Hartford, Ct.; *Imperial Marshal*, Alvah P. Clayton, St. Joseph, Mo.; *Imperial Captain of Guards*, Archibald N. Sloan, Chattanooga, Tenn.; *Imperial Outer Guard*, Edwin I. Alderman, Cedar Rapids, Ia. The Order of the Nobles of the Mystic Shrine was instituted by the Mohammedan Kalif Alee, the cousin-german and son-in-law of the Prophet Mohammed, in the year of the Hegira 25 (A. D. 656), at Mekkah, in Arabia, as an Inquisition, or Vigilance Committee, to dispense justice and execute punishment upon criminals who escape their just deserts through the tardiness of the courts, and also to promote religious toleration among cultured men of all nations.

## Sheikhs of the Kaaba, Defenders of the Mystic Shrine.

GRAND COUNCIL for the Western Hemisphere: *Grand Sheikh ul Allah*, Max Scheuer, 358 Broadway, New York; *Grand Sheikh Khasat*, John H. Russell; *Grand Sheikh Ambar*, Charles Sotheran; *Grand Sheikh Bazesh*, William H. Peckham; *Grand Sheikh Fakir*, P. F. D. Hibbs.

## Order of the Eastern Star.

THIS is a society composed of Masons in good and regular standing and their wives, mothers, sisters, and daughters, and the widows of Masons. No other persons are eligible to membership. The organization took its rise in the City of New York in 1868. The order has extended over the United States, and there are now twenty-eight grand chapters in as many States. In the State of New York there are 135 chapters and a membership of 9,131, thirty-two chapters being in New York and Brooklyn. The principal officers of the New York Grand Chapter are: *M. W. Grand Matron*, Mrs M. Eva Williams, Binghamton; *R. W. Grand Secretary*, Mrs. Christiana Buttrick, New York City; *R. W. Grand Treasurer*, Mrs. Emma A. Smith, Brooklyn.

**Odd Fellowship.**

**SOVEREIGN GRAND LODGE OF THE INDEPENDENT ORDER OF ODD FELLOWS. OFFICERS.**

*Grand Sire*—A. S. Pinkerton, Worcester, Mass.  
*Deputy Grand Sire*—A. C. Cable, Covington, Ohio.  
*Grand Secretary*—J. Frank Grant, Baltimore, Md.  
*Assistant Grand Secretary*—Elvin J. Curry, Baltimore, Md.

*Grand Chaplain*—Rev. J. W. Venable, Hopkinsville, Ky.  
*Grand Marshal*—J. B. Cockrum, Indianapolis, Ind.  
*Grand Guardian*—J. W. Bourlet, Concord, N. H.  
*Grand Messenger*—C. F. Lumsden, Raleigh, N. C.

GRAND LODGES AND MEMBERSHIP.  
 (Reported to the Annual Communication in 1899.)

| JURISDICTION.          | No. of Members | JURISDICTION.           | No. of Members | JURISDICTION.         | No. of Members |
|------------------------|----------------|-------------------------|----------------|-----------------------|----------------|
| Alabama .....          | 4,370          | Lower Prov., B. N. A. . | 5,042          | Oklahoma Territory. . | 1,997          |
| Arizona .....          | 790            | Maine .....             | 20,621         | Ontario .....         | 23,052         |
| Arkansas .....         | 4,533          | Manitoba .....          | 3,334          | Oregon .....          | 6,103          |
| British Columbia.....  | 2,845          | Maryland .....          | 8,482          | Pennsylvania .....    | 106,121        |
| California .....       | 30,373         | Massachusetts.....      | 50,981         | Quebec.....           | 2,795          |
| Colorado .....         | 7,982          | Michigan .....          | 24,767         | Rhode Island.....     | 6,187          |
| Connecticut.....       | 16,778         | Minnesota .....         | 14,556         | South Carolina.....   | 1,104          |
| Delaware .....         | 2,582          | Mississippi.....        | 1,872          | South Dakota.....     | 3,813          |
| District of Columbia.. | 1,766          | Missouri .....          | 29,301         | Tennessee .....       | 7,915          |
| Florida .....          | 1,125          | Montana.....            | 3,451          | Texas .....           | 10,560         |
| Georgia .....          | 4,630          | Nebraska.....           | 9,772          | Utah .....            | 1,548          |
| Idaho .....            | 1,913          | Nevada .....            | 1,260          | Vermont.....          | 4,933          |
| Illinois.....          | 51,863         | New Hampshire.....      | 12,804         | Virginia .....        | 10,999         |
| Indiana .....          | 46,541         | New Jersey.....         | 24,269         | Washington.....       | 7,197          |
| Indian Territory.....  | 2,272          | New Mexico.....         | 913            | West Virginia.....    | 9,473          |
| Iowa.....              | 38,691         | New York.....           | 76,692         | Wisconsin.....        | 15,602         |
| Kansas.....            | 22,120         | North Carolina.....     | 4,425          | Wyoming.....          | 1,147          |
| Kentucky.....          | 8,837          | North Dakota.....       | 2,393          |                       |                |
| Louisiana.....         | 1,563          | Ohio.....               | 62,372         | Total.....            | 829,669        |

The membership of the Independent Order of Odd Fellows, which includes the Grand Lodges of Australasia, Germany, Denmark, Sweden, and Switzerland, is 859,929, female members not included. The American organization is not in affiliation with an English order entitled the Manchester Unity of Odd Fellows, who number 900,668.

The Encampment branch of the Independent Order of Odd Fellows numbers 128,267 members; Rebekah lodges, sisters, 190,007; brothers, 123,156; Chevalliers of the Patriarchs Militant, 16,169. The next meeting of the Sovereign Grand Lodge will be at Richmond, Va., September 17-22, 1900.

The total relief paid by the Independent Order of Odd Fellows, year ending December 31, 1898, was \$3,422,986.50; brothers relieved, 98,277; widowed families relieved, 5,854; paid for relief of brothers, \$2,612,303.25; for widowed families, \$145,073.35; education of orphans, \$40,996.89; burying the dead, \$624,608.01.

**GRAND UNITED ORDER OF ODD FELLOWS OF AMERICA. OFFICERS.**

*Grand Master*—E. H. Morris, Chicago, Ill.  
*Deputy Grand Master*—A. B. Lattimore, Boston, Mass.  
*Grand Treasurer*—J. E. Reed, Cleveland, Ohio.  
*Grand Secretary*—C. H. Brooks, Philadelphia, Pa.

*Assistant Grand Secretary*—E. B. Van Dyke, Philadelphia, Pa.  
*Grand Directors*—Geo. E. Temple, St. Louis, Mo.; L. L. Lee, Atlanta, Ga.; T. R. W. Jackson, Mobile, Ala.; B. T. Thornton, Indianapolis, Ind.

This organization is composed of colored Odd Fellows. The following is the statistical report for August 31, 1897: Lodges enrolled, 2,281; households, 1,070; P. G. M. Councils, 182; Patriarchies, 88; D. G. Lodges, 36. Total, 3,657.

Members in the lodges, according to last report, 118,500; households, 31,000; P. G. M. Councils, 3,937; Patriarchies, 2,100. Whole number of members, 155,537.

Paid to sick during year, \$198,423.82; paid to widows and orphans, \$40,360.29; paid for funerals, \$96,400. Amount invested and value of property, \$1,867,597.

**Independent Order of Good Templars.**

**THE INTERNATIONAL SUPREME LODGE.**

*R. W. G. Templar*—Jos. Malins, Birmingham, Eng.  
*R. W. G. Counselor*—Geo. F. Cotterill, Seattle, Wash.  
*R. W. G. V. Templar*—Mrs. D. C. McKellar, Denny, Scotland.  
*R. W. G. S. J. Templars*—Miss Jessie Forsyth, Boston, Mass.  
*R. W. G. Secretary*—B. F. Parker, Milwaukee, Wis.  
*R. W. G. Treasurer*—W. Martin Jones, Rochester, N. Y.  
*P. E. W. G. Templar*—Dr. D. H. Mann, Brooklyn, N. Y.  
*R. W. G. Chaplain*—Rev. F. B. Boyce, Sydney, New South Wales.

*R. W. G. Marshal*—John Fox Smith, Port Elizabeth, Africa.  
*R. W. G. D. Marshal*—Miss Charlotte A. Gray, 11 Blythwood Road, London, England.  
*R. W. G. A. Secretary*—D. C. Cameron, Dunedin, New Zealand.  
*R. W. G. Guard*—Peder Svendsen, Trondheim, Norway.  
*R. W. G. Sentinel*—Geo. Irving, Vernon River Bridge, Prince Edward Island.  
*R. W. G. Messenger*—Miss Emilie Lindquist, Estof, Sweden.

The last report of the R. W. G. Secretary returned the number of grand lodges in the world as 100, and the membership as 403,287. The membership of the juvenile branch was 172,839. The Good Templars, which is a beneficial order, based on total abstinence, are organized in nearly every State of the Union, England, Ireland, Scotland, Wales, Germany, Denmark, Sweden and Norway, Canada, West Indies, East, West, and South Africa, Australia, New Zealand, British India, Iceland, and other countries. All persons becoming members of the Order are required to subscribe to the following pledge: "That they will never make, buy, sell, use, furnish, nor cause to be furnished to others, as a beverage, any spirituous or malt liquors, wine, or cider, and will discontinue the manufacture and sale thereof in all proper ways." The International Supreme Lodge will hold its next biennial meeting at Stockholm, Sweden, second Tuesday in July, 1902.

Order of the Sons of Temperance.

NATIONAL DIVISION OF NORTH AMERICA.

M. W. Patriarch—A. G. Lawson, D. D., Camden, N. J. M. W. Scribe—B. R. Jewell, Stoneham, Mass.  
 M. W. Associate—Mrs. A. M. Nixon, Roxbury, Mass. M. W. Treasurer—J. H. Roberts, Boston, Mass.  
 M. W. Chaplain—Rev. George W. Fisher, New-castle, N. B. M. W. Conductor—J. M. Walton, Kettleby, Ont.  
 M. W. Sentinel—John C. Clark, Bay View, Prince Edward Island.  
 M. W. Supt. Y. P. Work—F. M. Bradley, Wash- ington, D. C.

The Order of the Sons of Temperance was organized in the city of New York, September 29, 1842. It is composed of subordinate, Grand, and National Divisions. It has four National Divisions—one for North America, one for Great Britain and Ireland, and two for Australia. In the course of its existence it has had nearly four million members on its rolls. Its present membership in North America is 38,248, of whom 14,848 are in the United States. Its fundamental principle is total abstinence from all intoxicating liquors. Its next convention will be held at Dalton, Mass., July 11-14, 1900.

Knights of Pythias.

SUPREME LODGE.

Supreme Chancellor—Thomas G. Sample, Pa. Supreme Inner Guard—J. W. Thompson, D. C.  
 Supreme Vice-Chancellor—Ogden H. Fethers, Wis. Supreme Master at Arms—H. A. Bigelow, Wash.  
 Supreme Keeper of Records and Seal—R. L. C. President Board of Control—J. A. Hinsey, Ill.  
 White, Nashville, Tenn. Major-General Uniform Rank—J. R. Carnahan, Ind.  
 Supreme Master of Eschequer—T. D. Meares, N. C.

MEMBERSHIP, JANUARY 1, 1899.

|                |        |               |        |                |        |               |        |               |         |
|----------------|--------|---------------|--------|----------------|--------|---------------|--------|---------------|---------|
| Alabama.....   | 7,556  | Illinois..... | 37,124 | Michigan.....  | 11,487 | N. Dakota.... | 1,757  | Vermont.....  | 1,277   |
| Arizona.....   | 711    | Indiana.....  | 38,645 | Minnesota....  | 7,613  | Ohio.....     | 55,972 | Virginia..... | 4,533   |
| Arkansas....   | 4,421  | Indian Ter... | 1,622  | Mississippi... | 5,389  | Oklahoma....  | 1,073  | Washington..  | 3,798   |
| Br. Columbia   | 1,332  | Iowa.....     | 24,844 | Missouri.....  | 19,759 | Ontario.....  | 1,163  | W. Virginia.. | 7,134   |
| California.... | 11,075 | Kansas.....   | 11,286 | Montana.....   | 2,021  | Oregon.....   | 3,525  | Wisconsin.... | 8,226   |
| Colorado.....  | 6,172  | Kentucky....  | 6,242  | Nebraska.....  | 5,863  | Pennsylvania  | 40,448 | Wyoming....   | 722     |
| Connecticut..  | 6,087  | Louisiana.... | 6,334  | Nevada.....    | 786    | Rhode Island  | 2,953  | Subordinate   |         |
| Delaware.....  | 1,038  | Maine.....    | 12,350 | New Hamp...    | 5,403  | S. Carolina.. | 4,770  | lodges.....   | 715     |
| Dis. of Col... | 1,238  | Manitoba....  | 379    | New Jersey...  | 12,959 | S. Dakota.... | 1,320  | Total.....    | 470,798 |
| Florida.....   | 2,817  | Mar. Prov's.. | 1,254  | New Mexico..   | 820    | Tennessee...  | 3,977  |               |         |
| Georgia.....   | 5,795  | Maryland....  | 6,953  | New York....   | 19,881 | Texas.....    | 14,160 |               |         |
| Idaho.....     | 1,165  | Massach'tts   | 14,617 | N. Carolina..  | 4,172  | Utah.....     | 1,115  |               |         |

The phrase "subordinate lodges" above designates lodges in the Hawaiian Islands, Mexico, and the Province of Quebec, where there are no grand lodges. Membership of the Uniform Rank (military branch), 45,680. Membership of the Endowment Rank (life insurance branch), 57,401, representing an endowment of \$104,240,000. Total paid beneficiaries to July 1, 1899, \$13,611,000. The office of the Supreme Keeper of Records and Seal is at Nashville, Tenn. Next convention of the Supreme Lodge will be held at Detroit, Mich., August 28, 1900.

The Royal Arcanum.

SUPREME COUNCIL.

Supreme Regent—W. Holt Aggar, Trenton, N. J. Supreme Treasurer—E. A. Skinner, New York.  
 Supreme Vice-Regent—J. A. Langfitt, Pittsburgh, Pa. Supreme Auditor—A. T. Turner, Jr., Mass.  
 Supreme Orator—A. S. Robinson, St. Louis, Mo. Supreme Chaplain—E. A. Dow, Wisconsin.  
 Sitting Past Supreme Regent—Edson M. Schryver, Baltimore, Md. Supreme Warden—Isaac W. Caulfield, N. Y. City.  
 Supreme Secretary—W. O. Robson, Boston, Mass. Supreme Sentry—Carl Moller, Missouri.  
 Legal Adviser—John Haskell Butler, Boston, Mass.

The membership of the Order September 30, 1899, was 190,727; the number of grand councils, 23, and subordinate councils, 1,752. The Supreme Council was organized at Boston June 23, 1877, and incorporated under the laws of Massachusetts. Number of deaths to September 30, 1899, 18,539. Benefits paid to September 30, 1899, \$53,781,689.61.

Membership of Fraternal Organizations.

ACCORDING to the last reports of the supreme bodies of these organizations to THE WORLD ALMANAC, the membership of the principal fraternal organizations in the United States and Canada is as follows:

|  |         |   |           |
|--|---------|---|-----------|
| Odd Fellows*.....                                | 985,206 | Ladies' Catholic Benevolent Association.. | 50,000    |
| Freemasons.....                                  | 871,662 | Improved Order of Heptasophs.....         | 49,953    |
| Knights of Pythias.....                          | 470,798 | Catholic Benevolent Legion.....           | 48,020    |
| Modern Woodmen of America.....                   | 427,766 | Sons of Temperance.....                   | 38,248    |
| Ancient Order of United Workmen.....             | 373,289 | Ancient Order of Foresters.....           | 37,869    |
| Improved Order of Red Men.....                   | 213,679 | Independent Order of B'nai B'rith.....    | 31,750    |
| Royal Arcanum.....                               | 190,727 | New England Order of Protection.....      | 27,220    |
| Knights of the Maccabees.....                    | 188,071 | United Order of Pilgrim Fathers.....      | 25,200    |
| Junior Order of United American Mechan- ics..... | 183,508 | Knights of Malta.....                     | 25,000    |
| Foresters of America.....                        | 154,909 | Tribe of Ben Hur.....                     | 24,069    |
| Independent Order of Foresters.....              | 150,000 | Catholic Knights of America.....          | 24,060    |
| Woodmen of the World.....                        | 114,643 | Royal Templars of Temperance.....         | 22,433    |
| Ancient Order of Hibernians of America..         | 105,933 | Order of Chosen Friends.....              | 22,140    |
| Knights of Honor.....                            | 72,184  | American Legion of Honor.....             | 17,979    |
| Knights and Ladies of Honor.....                 | 67,000  | Brith Abraham Order.....                  | 17,352    |
| Knights of the Golden Eagle.....                 | 60,000  | United Ancient Order of Druids.....       | 16,245    |
| Benevolent and Protective Order of Elks..        | 60,000  | Irish Catholic Benevolent Union.....      | 14,823    |
| National Union.....                              | 51,000  | Smaller organizations not reported.....   | 56,217    |
| Order of United American Mechanics.....          | 50,342  |   |           |
|  |         | Total.....                                | 5,329,075 |

Detailed information about the fraternal beneficiary societies will be found on the three pages following this. \* Including colored organizations.



## Statistics of Principal Fraternal Organizations.

**American Legion of Honor.**—Founded 1878; grand councils, 8; sub-councils, 525; members, 17,979; benefits disbursed since organization, \$39,424,225; benefits disbursed last fiscal year, \$1,649,500; Supreme Commander, Wm. N. Davenport, Boston; Supreme Secretary, Adam Warnock, Boston; Supreme Treasurer, George W. Kendrick, Jr., Philadelphia.

**Ben Hur, Tribe of.**—Founded 1894; Supreme Temple, Crawfordsville, Ind.; subordinate courts, 519; members, 24,059; benefits disbursed since organization, \$363,925; benefits disbursed January 15 to October 15, 1899, \$120,775; Supreme Chief, D. W. Gerard, Crawfordsville, Ind.; Supreme Scribe, F. L. Snyder, Crawfordsville, Ind.; Supreme Keeper of Tribute, S. E. Voris, Crawfordsville, Ind.

**B'nai B'rith, Independent Order of.**—Founded 1843; grand lodges, 10; subordinate lodges, 454; members, 31,750; benefits disbursed since organization, \$39,250,000; benefits disbursed last fiscal year, \$1,243,000; President, Julius Bien, Manhattan Borough, New York; Vice-President, Simon Wolf, Washington, D. C.; Secretary, Solomon Sulzberger, Manhattan Borough, New York; Treasurer, Jacob Furth, St. Louis.

**Brith Abraham Order.**—Founded 1859; grand lodge, 1; sub-lodges, 242; members, 17,352; benefits disbursed since organization, \$1,371,987; benefits disbursed last fiscal year, \$105,700; Grand Master, Samuel Dorf, Manhattan Borough, New York; First Deputy Grand Master, Robert Strahl, Brooklyn Borough, New York; Second Deputy Grand Master, Anson Stern, Boston; Grand Secretary, Leonard Leisersohn, Manhattan Borough, New York; Grand Treasurer, Samuel Wolf, Brooklyn Borough, New York.

**Catholic Benevolent Legion.**—Founded 1881; State councils, 7; subordinate councils, 603; members, 48,040; benefits disbursed since organization, \$10,115,914; benefits disbursed last fiscal year, \$1,158,633; President, John C. McGuire, Brooklyn Borough, New York City; Vice-President, A. V. Harding, New Brunswick, N. J.; Secretary, J. D. Carroll, Brooklyn Borough, New York City; Treasurer, J. D. Keiley, Manhattan Borough, New York City.

**Catholic Knights of America.**—Founded 1877; subordinate councils, 589; members, 24,000; benefits disbursed since organization, \$9,257,000; benefits disbursed last fiscal year, \$718,375; Supreme President, P. J. O'Connor, Savannah, Ga.; Supreme Vice-President, Wm. Blakeslee, Hallettsville, Tex.; Supreme Secretary, Joseph C. Carroll, St. Louis, Mo.; Supreme Treasurer, Gerard Reiter, St. Louis, Mo.

**Catholic Mutual Benefit Association.**—No report concerning this association obtainable when the ALMANAC was printed.

**Chosen Friends, Order of.**—Founded 1879; grand councils, 2; subordinate councils, 551; members, 22,140; benefits disbursed since organization, \$13,055,965; benefits disbursed last fiscal year, \$793,711; Supreme Councilor, H. H. Morse, Manhattan Borough, New York City; Supreme Recorder, T. B. Linn, Indianapolis, Ind.; Supreme Treasurer, W. B. Wilson, Newark, N. J.

**Druids, United Ancient Order of.**—Founded 1781 (in England), 1839 (in America); number of grand groves, 16; sub-groves, 387; total number of members (in America), 16,245; benefits disbursed in America since 1847, \$4,060,370; benefits disbursed last fiscal year, \$225,121; Supreme Arch, Peter Schaffuit, St. Louis, Mo.; Supreme Secretary, H. Freudenthal, Albany, N. Y.; Supreme Treasurer, Louis Krauss, La Fayette Ind.

**Elks, Benevolent and Protective Order of.**—Founded 1868; grand lodge, 1; sub-lodges, 475; members in the United States, 60,000; benefits disbursed since organization, \$750,000; benefits disbursed last fiscal year, \$55,000; Grand Exalted Ruler, B. M. Allen, Birmingham, Ala.; Secretary G. A. Reynolds, Saginaw, Mich.; Treasurer, E. S. Orris, Meadville, Pa.

**Foresters, Ancient Order of.**—Founded 1745; established in America 1836. The American branch is composed of 3 high courts and 393 subordinate courts, and has 37,669 members. Total membership throughout the world 900,056, as stated by the Foresters' Directory on Dec. 31, 1898. The surplus funds of the society amounted to \$31,696,385, and its assets aggregated over \$76,500,000. Benefits disbursed since 1836, \$108,500,000; benefits disbursed last fiscal year, \$5,000,000. Officers of the American branch are as follows: High Chief Ranger, E. A. Hayes, Buffalo, N. Y.; High Sub-Chief Ranger, Frederick Bersey, Brooklyn Borough, New York; High Court Treasurer, William A. Hunter, Manhattan Borough, New York; High Court Secretary, Robert A. Sibbald, Park Ridge, N. J.

**Foresters of America.**—Is a distinct organization, not in affiliation with the above. Its present jurisdiction is limited to the United States. Founded 1864, reorganized 1889; grand courts, 21; sub-courts, 1,561; members, 154,909; benefits disbursed since organization, \$6,762,077; benefits disbursed last fiscal year, \$824,159; Supreme Chief Ranger, Thomas J. Ford, Pittsburgh, Pa.; Supreme Sub-Chief Ranger, C. P. Rendon, Stockton, Cal.; Supreme Treasurer, T. F. Donahue, Providence, R. I.; Supreme Secretary, E. M. McMurtry, Brooklyn Borough, New York City; Supreme Recording Secretary, S. B. Morriss, Fall River, Mass.

**Foresters, Independent Order of.**—Founded 1874; high courts, 40; subordinate courts, 4,000; members, 150,000; benefits disbursed since organization, \$7,250,000; benefits disbursed last fiscal year, \$1,176,125; Supreme Chief Ranger, Oronhyatekha, M. D., Toronto, Ontario; Vice-Chief Ranger, Victor Morin, Montreal, Quebec; Secretary, John A. McGillivray, Toronto; Treasurer, Harry A. Collins, Toronto.

**Free Sons of Israel, Independent Order of.**—Founded 1849; grand lodges, 3; subordinate lodges, 104; members, 13,000; benefits disbursed since organization, \$6,282,000; benefits disbursed last fiscal year, \$212,000; Grand Master, Julius Harburger, Manhattan Borough, New York; Deputy Grand Master, S. Hoffheimer, Manhattan Borough, New York; Secretary, I. H. Goldsmith, Manhattan Borough, New York; Treasurer, Louis Frankenthaler, Manhattan Borough, New York.

## STATISTICS OF PRINCIPAL FRATERNAL ORGANIZATIONS—Continued.

**Good Fellows, Royal Society of.**—Founded 1882; grand assemblies, 4; subordinate assemblies, 202; members, 10,133; benefits disbursed since organization, \$3,518,496; benefits disbursed last fiscal year, \$305,155; Premier, J. H. McGregor, Montague, Me.; Vice-Premier, W. H. Appar, Trenton, N. J.; Secretary, A. J. Bates, Boston; Treasurer, James G. Whitehouse, Providence, R. I.

**Hectasophs, Improved Order.**—Founded 1878; conclaves, 620; members, 49,953; benefits disbursed since organization, \$3,971,675; benefits disbursed last fiscal year, \$751,275; Supreme Archon, M. G. Cohen, Pittsburgh, Pa.; Supreme Provost, Roswell B. Farren, New Haven, Ct.; Supreme Secretary, Samuel H. Tattersall, Baltimore, Md.; Supreme Treasurer, C. H. Ramsay, Boston.

**Hibernians of America, Ancient Order of.**—Founded 1836; subordinate divisions, 15,312; number of members, 105,983; benefits disbursed last fiscal year, \$230,118; National President, J. T. Keating, Chicago, Ill.; National Vice-President, J. E. Dolan, Syracuse, N. Y.; National Secretary, James O. Sullivan, Philadelphia, Pa.; National Treasurer, P. T. Moran, Washington, D. C.

**Home Circle.**—Founded 1879; grand councils, 3; sub-councils, 210; members, 6,367; benefits disbursed since organization, \$1,800,000; benefits disbursed last fiscal year, \$200,000; Supreme Leader, Franklin O. Barnes, Chelsea, Mass.; Secretary, Julius M. Swain, Boston, Mass.; Treasurer, John Haskell Butler, Boston, Mass.

**Irish Catholic Benevolent Union.**—Founded 1869; subordinate societies, 157; members, 14,823; benefits disbursed since organization, \$2,031,835; benefits disbursed last fiscal year, \$55,326; President, Daniel Duffy, St. Clair, Pa.; First Vice-President, John F. Fogarty, Providence, R. I.; Treasurer, Thomas J. Foley, Gloucester, N. J.; Secretary, John E. Davis, Philadelphia.

**Knights and Ladies of Honor.**—Founded 1877; grand lodges, 15; sub-lodges, 1,136; members, 67,000; benefits disbursed since organization, \$15,134,788; benefits disbursed last fiscal year, \$1,191,000; Supreme Protector, L. B. Lockard, Toledo, O.; Secretary, C. W. Harvey, Indianapolis, Ind.; Treasurer, George A. Byrd, Indianapolis, Ind.

**Knights of Honor.**—Founded 1873; grand lodges, 36; subordinate lodges, 2,251; members, 72,184; benefits disbursed since organization, \$68,186,501; benefits disbursed last fiscal year, \$3,841,500; Supreme Dictator, John P. Shaanon, Elberton, Ga.; Supreme Vice-Dictator, D. S. Biggs, Boston, Mass.; Supreme Assistant Dictator, Noah M. Givan, Harrisonville, Mo.; Supreme Reporter, B. F. Nelson, St. Louis, Mo.; Supreme Treasurer, Joseph W. Branch, St. Louis, Mo.

**Knights of Malta, Ancient and Illustrious Order.**—Founded in Jerusalem, 1048; in America, 1839; grand commanderies, 6; sub-commanderies, 210; members, 25,000; benefits disbursed last fiscal year, \$45,000; Supreme Commander, E. W. Samuel, Mount Carmel, Pa.; Supreme Recorder, Frank Gray, Philadelphia, Pa.; Supreme Treasurer, W. J. Rugh, Pittsburgh, Pa.

**Knights of St. John and Malta.**—Founded 1883; grand encampment, 1; subordinate encampments, 80; members, 4,284; benefits disbursed since organization, \$357,437; benefits disbursed last fiscal year, \$42,800; Grand Commander, R. B. Treacy, Brooklyn Borough, New York City; Lieutenant-Grand Commander, W. C. Bexfield, Buffalo, N. Y.; Grand Chancellor, Francis Houghtaling, Manhattan Borough, New York; Grand Almoner, Jacob Broschart, Manhattan Borough, New York.

**Knights of the Golden Eagle.**—Founded 1873; grand castles, 16; sub-castles, 867; members, 60,000; benefits disbursed since organization, \$1,704,417; benefits disbursed last fiscal year, \$190,722; Supreme Chief, John B. Roberts, Somerville, Mass.; Supreme Vice-Chief, S. M. Harlan, Union City, Ind.; Master of Records, A. C. Lytle, Philadelphia, Pa.; Keeper of the Exchequer, Timothy McCarthy, Philadelphia, Pa.

**Knights of the Maccabees.**—Founded 1883; subordinate tents and hives, 3,600; members, 188,071; benefits disbursed since organization, \$7,610,679; benefits disbursed last fiscal year, \$1,271,451; Supreme Commander, D. P. Markey; Supreme Lieutenant-Commander, H. M. Parker, Elyria, O.; Supreme Record Keeper, G. J. Siegle; Supreme Finance Keeper, C. D. Thompson. All officers are located at Port Huron, Mich., except Lieutenant-Commander.

**Ladies' Catholic Benevolent Association.**—Founded 1890; subordinate branches, 517; members, 50,000; benefits disbursed since organization, \$1,023,242; benefits disbursed last fiscal year, \$210,500; Supreme President, Mrs. E. B. McGowan, Buffalo, N. Y.; Supreme Recorder, Mrs. J. A. Royer, Erie, Pa.; Supreme Treasurer, Mrs. Mary E. Costelloe, Brooklyn Borough, New York City.

**Mystic Circle, The Fraternal.**—Founded 1884; grand rulings, 9; subordinate rulings, 366; members, 12,000; benefits disbursed since organization, \$1,505,982; benefits disbursed last fiscal year, \$175,550; Supreme Mystic Ruler, F. H. Duckwitz, Philadelphia, Pa.; Recorder, W. H. Snyder, Philadelphia, Pa.; Treasurer, Milton Birch, Philadelphia, Pa.

**National Provident Union.**—Founded 1883; sub-councils, 70; members, 3,290; benefits disbursed since organization, \$1,656,834; benefits disbursed last fiscal year, \$98,500; President, James Younie, Brooklyn Borough, New York City; Vice-President, Austin F. Knowles, Elizabeth, N. J.; Secretary of the Union, H. L. Carr, Brooklyn Borough, New York City; Secretary of the Treasury, H. D. W. Dye, Brooklyn Borough, New York City.

**National Union.**—Founded 1881; sub-councils, 800; members, 51,000; benefits disbursed since organization, \$11,045,318; benefits disbursed last fiscal year, \$1,153,000; President, H. H. Cabaniss, Atlanta, Ga.; Vice-President, W. L. Wild, Akron, O.; Secretary, J. W. Myers, Toledo, O.; Treasurer, Charles O. Evarts, Cleveland, O.

**New England Order of Protection.**—Founded 1887; grand lodges, 6; sub-lodges, 305; members, 27,220; benefits disbursed since organization, \$2,269,854; benefits disbursed last fiscal year, \$364,000; Supreme Warden, L. W. Shaw, Boston; Supreme Secretary, D. M. Frye, Boston; Supreme Treasurer, John P. Sanborn, Newport, R. I.

**Pilgrim Fathers, United Order of.**—Founded 1879; supreme colony, 1; subordinate colonies, 216; members, 25,200; benefits disbursed since organization, \$3,520,000; benefits disbursed last fiscal year, \$419,000; Supreme Governor, J. S. Taft, Keene, N. H.; Supreme Secretary, James E. Shepard, Lawrence, Mass.; Supreme Treasurer, A. V. Bugbee, Lawrence, Mass.

**Reclabites, Independent Order of.**—Founded 1835 (in England), 1842 (in America); number of tents in America, 4; sub-tents, 35; members in America, 2,000; in world, 261,351; benefits disbursed last fiscal year in America, \$3,069; in world, \$762,205; High Chief Ruler, J. A. Cunningham, Lonaconing, Md.; High Deputy Ruler, Wm. C. Lenz, Washington, D. C.; High Secretary, James H. Dony, Anacostia, D. C.; High Treasurer, Mrs. Annie Gardner, Lonaconing, Md.

STATISTICS OF PRINCIPAL FRATERNAL ORGANIZATIONS—*Continued.*

**Red Men, Improved Order of.**—Founded 1771 and 1834; great councils, 45; tribes, 2,082; members, 213,679; benefits disbursed since organization, \$16,079,076; benefits disbursed last fiscal year, \$589,076; Great Incohonee, George E. Green, Binghamton, N. Y.; Great Senior Sagamore, E. D. Wiley, Des Moines, Ia.; Great Junior Sagamore, Thos. G. Harrison, Indianapolis, Ind.; Great Chief of Records, Charles C. Conley, Philadelphia; Great Keeper of Wampum, Wm. Provin, Westfield, Mass.

**Royal Templars of Temperance.**—Founded 1870; grand councils, 8; select councils, 527; members, 22,433; benefits disbursed since organization, \$7,261,559; benefits disbursed last fiscal year, \$337,500; Supreme Councilor, L. R. Sanborn, Buffalo, N. Y.; Supreme Vice-Councilor, F. D. Muse, Sandy Lake, Pa.; Supreme Treasurer, Merchants' Bank, Buffalo, N. Y.; Supreme Secretary, E. B. Rew, Buffalo, N. Y.

**Scottish Clans, Order of.**—Founded 1878; grand clans, 2; subordinate clans, 103; members, 5,143; benefits disbursed since organization, \$560,000; benefits disbursed last fiscal year, \$63,000; Royal Chief, W. H. Steen, Braidwood, Ill.; Royal Secretary, Peter Kerr, Boston, Mass.; Royal Treasurer, John Hill, St. Louis, Mo.

**United American Mechanics, Order of.**—Founded 1845; State councils, 20; sub-councils, 748; members, 50,342; benefits disbursed last fiscal year, \$151,094; National Councilor, H. O. Holstein, Harrisburg, Pa.; National Vice-Councilor, Elmer E. Hill, Milford, N. H.; National Secretary, John Server, Philadelphia, Pa.; National Treasurer, Joseph H. Shinn, Camden, N. J.

**United American Mechanics, Junior Order of.**—Founded 1853; State councils, 37; sub-councils, 2,164; members, 183,508; benefits disbursed since organization, \$3,619,738; benefits disbursed last fiscal year, \$591,164; National Councilor, Chas. Reimer, Baltimore, Md.; Vice-Councilor, Charles Reeves, Seattle, Wash.; Secretary, E. S. Deemer, Philadelphia, Pa.; Treasurer, J. A. Sohe, Baltimore, Md.

**United Workmen, Ancient Order of.**—Founded 1868; grand lodges, 37; sub-lodges, 4,993; members, 373,289; benefits disbursed since organization, \$94,041,634; benefits disbursed last fiscal year, \$7,687,346; Master Workman, John C. Bickford, Manchester, N. H.; Recorder, M. W. Sackett, Meadville, Pa.; Receiver, Jno. J. Acker, Albany, N. Y.

**Woodmen of America, Fraternity of Modern.**—Founded 1883; head camp, 1; local camps, 7,048; members, 427,766; benefits disbursed since organization, \$14,333,685; benefits disbursed last fiscal year, \$3,263,050; Head Consul, W. A. Northcott, Greenville, Ill.; Head Clerk, C. W. Hawes, Rock Island, Ill.; Head Banker, Frank R. Crocker, Chariton, Ia.

**Woodmen of the World.**—Founded 1891; head camps, 3; local camps, 2,852; members, 114,643; benefits disbursed since organization, \$2,976,756; benefits disbursed last fiscal year, \$949,651; Sovereign Commander, Joseph Cullen Root, Omaha, Neb.; Sovereign Adviser, F. A. Falkenburg, Denver, Col.; Clerk, John T. Yates, Omaha, Neb.; Banker, Morris Sheppard, Texarkana, Tex.

## National Council of Women.

*President*—Fannie Humphreys Gaffney, 41 Riverside Drive, New York City.

*Vice-President-at-Large*—María P. Peck, Davenport, Ia.

*Corresponding Secretary*—Kate W. Barrett, Washington, D. C.

*Treasurer*—Hannah G. Solomon, Chicago, Ill.

*First Recording Secretary*—Anna G. Spencer, Providence, R. I.

*Second Recording Secretary*—Emeline B. Wells, Salt Lake City, Utah.

*Honorary Presidents*—May Wright Sewall and Mary Lowe Dickinson.

This organization is a central council of women, to which all National societies organized for any purpose whatsoever come to hear what other National societies are doing on other lines. They counsel together as to any reform, or movement, in which all might cooperate. It is the purpose to send a commission to Cuba and Hawaii, to inquire into the conditions of women. The Council has a Cabinet, and is fashioned on a plan similar to the Senate of the United States. It is self-supporting, with the aid of patrons. Twenty National societies are represented in the Council; they aggregate a membership of 1,200,000 women, the largest representative organization in the world. It is affiliated with the International Council of Women.

## General Federation of Women's Clubs.

*President*—Mrs. Rebecca D. Lowe, Atlanta, Ga.

*Vice-President*—Mrs. Sarah S. Platt, Denver, Col.

*Recording Secretary*—Mrs. E. A. Fox, Detroit, Mich.

*Cor. Sec'y*—Mrs. Geo. W. Kendrick, Jr., Phila., Pa.

*Treasurer*—Mrs. Philip N. Moore, St. Louis, Mo.

*Auditor*—Mrs. C. P. Barnes, Louisville, Ky.

The Board of Directors are: Mrs. Mary S. Lockwood, Washington, D. C.; Mrs. Charles S. Morris, Berlin, Wis.; Mrs. C. S. Kinney, Salt Lake City; Mrs. H. H. Pyle, Bridgeport, Ct.; Mrs. F. A. Eastman, California; Mrs. Frances Ford, Omaha, Neb.; Mrs. Wm. Todd Helmuth, New York; Mrs. E. L. Buchwalter, Ohio; Mrs. Harriet Windsor, Des Moines, Iowa.

This organization, incorporated in 1892, is composed of over 2,700 women's clubs, having a membership of 200,000 women in the United States and foreign countries. The purpose of the Federation is declared in its articles of incorporation to be "to bring into communication with one another the various women's clubs throughout the world, that they may compare methods of work and become mutually helpful. Constitutions of clubs applying for membership should show that no sectarianism or political test is required, and, while the distinctively humanitarian movements may be recognized, their chief purpose is not philanthropic or technical, but social, literary, artistic, or scientific culture." Meetings of the Federation are held biennially, the last meeting having been in June, 1898. There are 30 State federations auxiliary to the General Federation, and 795 single clubs in forty-one States. Several foreign clubs are members of the Federation—the Pioneer Club of London, Woman's Club of Bombay, and Educational Club of Ceylon, clubs in Australia, South America, etc.

## SOROSIS.

SOROSIS, the first women's club in the United States, was founded at New York in 1868. The following are the officers elected at the annual meeting held in New York City, March 1, 1899:

*President*—Mrs. D. T. S. Denison. *First Vice-President*—Mrs. Emily Warren Roebling. *Second*

*Vice-President*—Mrs. Alice B. Stimson. *Third Vice-President*—Rev. Phoebe A. Hanaford. *Recording*

*Secretary*—Mrs. Miriam Mason Greeley. *Corresponding Secretary*—Mrs. Alice Gilbert Demorest, 63

East Sixty-sixth Street. *Treasurer*—Mrs. Katherine B. Foote.

## Christian Science.

MRS. LAURA LATHROP, C. S. D., New York, has prepared the following statement for THE WORLD ALMANAC of the claims made on behalf of Christian Science:

The revelation of Christian Science came to Rev. Mary Baker G. Eddy in the year 1866, and its truth and power were immediately demonstrated by signs following. For thirty-three years sinners have been reclaimed, depraved appetites for opium and intoxicating drinks have been destroyed, the sick have been healed of every disease, including insanity; the blind have received their sight, the deaf their hearing, shortened limbs have been elongated, crooked spines have been straightened, and law after law of the human mind has been broken. The one great text book of this science is "Science and Health," with key to the Scriptures, by Mary Baker G. Eddy, supplemented by another book by the same author called "Miscellaneous Writings." "Science and Health" is now in its one hundred and eighty-fifth edition and the demand for it is increasing daily. The Christian Science Publishing House is at 95 Falmouth Street, Boston, Mass., and here are published, besides the two books above mentioned, other works by the same author, also "The Christian Science Monthly Journal," "The Christian Science Weekly," and the "Christian Science Bible Lessons." In the October Journal for 1899 there were mentioned 2,524 practitioners, 389 regularly organized churches, 113 services where no church has as yet been organized, and 81 institutes. One hundred and twenty of these practitioners are in Greater New York, and sixty-seven in Manhattan Borough. There are six regularly organized churches of this denomination in New York City, three of which own church buildings. Two beautiful buildings are now being erected—one at the corner of Sixty-eighth Street and Central Park West, the other at the corner of Ninety-sixth Street and Central Park West.

Flourishing churches have been organized in London, England; Paris, France; Dresden, Berlin, and Hanover, Germany, and in Canada, Brazil, and Scotland. Many handsome church edifices have been built in different cities, and many others are in process of erection. The mother church is located in Boston, Mass., and those all over the country are its branches. Their services are uniform, consisting of two meetings on Sunday and one on Wednesday evening. Nosermons are preached by a personal pastor, but a sermon made up of selections from the Bible and "Science and Health," with key to the Scriptures, is read by two readers, called the first and second readers. This church is emphatically a healing church, and many cases of restoration to health have been testified to during the past few years, brought about by attendance on one of these meetings.

Christian Science is demonstrable Christianity. Through the spiritual understanding of the teachings of Christ Jesus, its followers are enabled to obey His command to "heal the sick" and do the works He and His disciples did. The omnipotence, omnipresence, and omniscience of God are proved to be true. Christian Science is not mind-cure, as that is popularly understood, because it recognizes but one mind, God. It is not faith-cure, because it does not perform its wonderful works through blind faith in a personal god, but through the understanding of man's relation to God. It is not mesmerism or hypnotism, because it denies absolutely the power of the human mind and human will, and claims no will but God's. Through recognizing the one mind and man as the reflection of that mind, it forever establishes the brotherhood of man. It is the perfect salvation from sin, disease, and death Christ Jesus came to bring. In "Rudimental Divine Science," Mrs. Eddy defines Christian Science "as the law of God, the law of good, interpreting and demonstrating the principle and rule of eternal harmony."

## Theosophy.

### THE UNIVERSAL BROTHERHOOD.

THE Universal Brotherhood for the benefit of the people of the earth and all creatures was founded by Katherine A. Tingley, January 13, 1898, at New York City. This organization is the outgrowth and expansion of the Theosophical Society founded by H. P. Blavatsky, W. Q. Judge, and others at New York in 1875 and reorganized under William Q. Judge at its annual convention at Boston, Mass., in 1895. The constitution of the Universal Brotherhood was adopted by the Theosophical Society in America at its annual convention held in Chicago February 18, 1898, by which act the Theosophical Society in America became the Literary Department of the Universal Brotherhood.

The Universal Brotherhood, or the Brotherhood of Humanity, declares that brotherhood is a fact in nature. The principal purpose of the organization is to teach brotherhood, demonstrate that it is a fact in nature and make it a living power in the life of humanity. Its subsidiary purpose is to study ancient and modern religion, science, philosophy, and art, to investigate the laws of nature and the divine powers in man. It declares in its constitution that every member has a right to believe or disbelieve in any religious system or philosophy, each being required to show that tolerance for the opinions of others which he expects for his own.

There are over 150 lodges of the Universal Brotherhood in the United States and Canada, also lodges in England, Ireland, Sweden, Holland, France, Germany, Greece, India, Australia, and New Zealand. The central office of the organization is at 144 Madison Avenue, New York City.

The officers are: Katherine A. Tingley, *Leader and Official Head*; Frank M. Pierce, *Secretary General*; E. Aug. Neresheimer, *Treasurer*. All inquiries should be addressed to Frank M. Pierce, *Secretary General*, 144 Madison Avenue, New York.

### THE THEOSOPHICAL SOCIETY IN AMERICA.

The following statement has been prepared for THE WORLD ALMANAC:

The Theosophical Society in America is the Literary Department of the Universal Brotherhood. Its principal purpose is to publish and disseminate literature relating to Theosophy, brotherhood, ancient and modern religions, philosophies, sciences, and arts. Its subsidiary purpose is to establish and build up a great library in which shall be gathered ancient and modern literature of value to the great cause of universal brotherhood.

The headquarters of the Theosophical Society in America are at 144 Madison Avenue, New York. President, E. Aug. Neresheimer.

### THE ECLECTIC THEOSOPHICAL SOCIETY.

An independent international body, with headquarters in New York City. Its objects are: "First, the formation of a nucleus of Universal Brotherhood; second, the comparative study of the philosophical, religious, and scientific systems of the world; third, the manifestation of the divine powers in man." It is free from control by any "Esoteric section." Its constitution, under the form of the initiative and referendum, places final decisions with the votes of the membership.

First election of officers in January, 1900. For further information address the Chairman of the Committee for Theosophical Work, John M. Pryse, 17 West Ninety-eighth Street, New York City.

Religious Statistics.

NUMBERS IN THE WORLD ACCORDING TO CREED.

THE following estimates, by M. Fournier de Flaix, are the latest that have been made by a competent authority. (See Quarterly of the American Statistical Association for March, 1892.)

| CREEDS.                                      | No. of Followers. | CREEDS.           | No. of Followers. |
|--|-------------------|-------------------|-------------------|
| 1 Christianity.....                          | 477,080,158       | 5 Buddhism.....   | 147,900,000       |
| 2 Worship of Ancestors and Confucianism..... | 256,000,000       | 6 Taoism.....     | 43,000,000        |
| 3 Hindooism.....                             | 190,000,000       | 7 Shintoism.....  | 14,000,000        |
| 4 Mohammedanism.....                         | 176,834,372       | 8 Judaism.....    | 7,186,000         |
|  |                   | 9 Polytheism..... | 117,681,669       |

CHRISTIANITY.

| CHURCHES.                  | Total Followers. | CHURCHES.            | Total Followers. |
|----------------------------|------------------|----------------------|------------------|
| Catholic Church.....       | 230,866,533      | Armenian Church..... | 1,690,000        |
| Protestant Churches.....   | 143,237,625      | Nestorians.....      | 80,000           |
| Orthodox Greek Church..... | 98,016,000       | Jacobites.....       | 70,000           |
| Church of Abyssinia.....   | 3,000,000        | Total.....           | 477,080,158      |
| Coptic Church.....         | 120,000          |                      |                  |

DISTRIBUTION OF SEMITIC ARYAN RACES.

| GEOGRAPHICAL DIVISIONS. | CHRISTIANITY.    |                      |                    | Mohammedanism. | Judaism.  |
|-------------------------|------------------|----------------------|--------------------|----------------|-----------|
|                         | Catholic Church. | Protestant Churches. | Orthodox Churches. |                |           |
| Europe.....             | 160,165,000      | 80,812,000           | 89,196,000         | 6,629,000      | 6,456,000 |
| America.....            | 58,393,882       | 57,294,014           | .....              | .....          | *130,000  |
| Oceania.....            | 6,574,481        | 2,724,781            | .....              | 24,699,787     | .....     |
| Africa.....             | 2,655,920        | 1,744,080            | .....              | 36,000,000     | 400,000   |
| Asia.....               | 3,007,250        | 662,750              | 8,820,000          | 109,535,585    | 200,000   |
| Total Followers.....    | 230,866,533      | 143,237,625          | 98,016,000         | 176,834,372    | 7,186,000 |

RELIGIOUS DIVISIONS OF EUROPE.

| COUNTRIES.           | Catholic Church. | Protestant Churches. | Orthodox Churches. | Jews.     | Mohammedans. | Unclassified |
|----------------------|------------------|----------------------|--------------------|-----------|--------------|--------------|
| Russia.....          | 9,600,000        | 3,400,000            | 73,310,000         | 3,400,000 | 3,000,000    | 290,000      |
| Germany.....         | 17,100,000       | 29,478,000           | .....              | 590,000   | .....        | 32,000       |
| Austria-Hungary..... | 31,100,000       | 3,900,000            | 3,100,000          | 1,700,000 | .....        | 100,000      |
| France.....          | 35,387,000       | 580,000              | .....              | 49,000    | .....        | 84,000       |
| United Kingdom.....  | 6,500,000        | 30,190,000           | .....              | 100,000   | .....        | 500,000      |
| Italy.....           | 29,850,000       | 62,000               | .....              | 38,000    | .....        | 50,000       |
| Spain.....           | 16,850,000       | 29,000               | .....              | 5,000     | .....        | .....        |
| Belgium.....         | 5,880,000        | 15,000               | .....              | 3,000     | .....        | 2,000        |
| Roumania.....        | 100,000          | 15,000               | 4,800,000          | 400,000   | 30,000       | 55,000       |
| Ottoman Empire.....  | 320,000          | 11,000               | 1,700,000          | 60,000    | 2,708,000    | 70,000       |
| Netherlands.....     | 1,545,000        | 2,756,000            | .....              | 83,000    | .....        | 16,000       |
| Portugal.....        | 4,300,000        | .....                | .....              | .....     | .....        | 1,000        |
| Sweden.....          | 1,000            | 4,698,000            | .....              | 2,000     | .....        | 1,000        |
| Switzerland.....     | 1,172,000        | 1,710,000            | .....              | 8,000     | .....        | 10,000       |
| Denmark.....         | 3,000            | 2,089,000            | .....              | 4,000     | .....        | 4,000        |
| Greece.....          | 10,000           | 10,000               | 1,930,000          | 5,000     | 45,000       | .....        |
| Servia.....          | 6,000            | 1,000                | 1,973,000          | 5,000     | 15,000       | .....        |
| Bulgaria.....        | 29,000           | .....                | 1,393,000          | .....     | 571,000      | .....        |
| Norway.....          | 1,000            | 1,958,000            | .....              | .....     | .....        | 1,000        |
| Roumelia.....        | 30,000           | .....                | 700,000            | 4,000     | 240,000      | 2,000        |
| Montenegro.....      | 5,000            | .....                | 290,000            | .....     | .....        | 1,000        |
| Luxembourg.....      | 200,000          | .....                | .....              | .....     | .....        | .....        |
| Malta.....           | 160,000          | .....                | .....              | .....     | .....        | .....        |
| Gibraltar.....       | 16,000           | .....                | .....              | .....     | .....        | .....        |
| Total Followers..... | 160,165,000      | 80,812,000           | 89,196,000         | 6,456,000 | 6,629,000    | 1,219,000    |

The distinction between followers and actual communicants should be observed.

ENGLISH-SPEAKING RELIGIOUS COMMUNITIES OF THE WORLD.

|                                    |            |                                |             |
|------------------------------------|------------|--------------------------------|-------------|
| Episcopalians.....                 | 29,200,000 | Lutherans, etc.....            | 2,800,000   |
| Methodists of all descriptions.... | 18,650,000 | Unitarians.....                | 2,600,000   |
| Roman Catholics.....               | 15,500,000 | Minor religious sects.....     | 5,500,000   |
| Presbyterians of all descriptions  | 12,250,000 | Of no particular religion..... | 17,000,000  |
| Baptists of all descriptions.....  | 9,230,000  |                                |             |
| Congregationalists.....            | 6,150,000  | English-speaking population... | 124,130,000 |
| Free Thinkers.....                 | 5,250,000  |                                |             |

A very large number—more than 18,000,000—of Hindoos, Mohammedans, Buddhists, and others in the East also speak and read English.

The estimates in the last table are from Whitaker's (London) Almanack, 1895.

The *Encyclopaedia Britannica*, last edition, makes a rough estimate of numbers of Protestants in the world speaking all civilized languages, and places the Lutherans at the head, with over 42,000,000 members (mostly in Germany and Scandinavia), and the Anglican Church second, with about 20,000,000 members. \*United States census of 1890.

## Religious Denominations in the United States.

Statistics of Ministers, Churches, and Communicants or Members, compiled by *The Independent* and published in 1899.

| DENOMINATIONS.                                     | Ministers.    | Churches.     | Communi-<br>cants. | DENOMINATIONS.  | Ministers.   | Churches.     | Communi-<br>cants. |
|--|---------------|---------------|--------------------|---|--------------|---------------|--------------------|
| <b>ADVENTISTS:</b>                                 |               |               |                    | <b>COMMUNISTIC SOCIETIES:</b>                                   |              |               |                    |
| Evangelical.....                                   | 34            | 30            | 1,147              | Shakers.....  | 16           | 1,650         |                    |
| Advent Christians.....                             | 912           | 810           | 26,500             | Amsns.....  | 7            | 1,600         |                    |
| Seventh-Day.....                                   | 364           | 1,403         | 50,283             | Harmony.....  | 1            | 250           |                    |
| Church of God.....                                 | 19            | 29            | 647                | Separatists.....  | 1            | 200           |                    |
| Life and Advent Union.....                         | 60            | 28            | 3,000              | Abrutists.....  | 1            | 95            |                    |
| Churches of God in Christ Jesus.....               | 94            | 95            | 2,872              | Church Triumphant (Korean Ec-<br>clesia).....                   | 5            | 205           |                    |
| <b>Total Adventists.....</b>                       | <b>1,483</b>  | <b>2,195</b>  | <b>84,464</b>      | <b>Total Communistic Societies.....</b>                         | <b>31</b>    | <b>3,930</b>  |                    |
| <b>ARMENIANS:</b>                                  |               |               |                    | <b>CONGREGATIONALISTS.....</b>                                  | <b>5,475</b> | <b>6,614</b>  | <b>625,864</b>     |
| Orthodox.....                                      | 5             | 4             | 5,624              | <b>DISCIPLES OF CHRIST.....</b>                                 | <b>6,992</b> | <b>10,088</b> | <b>1,085,615</b>   |
| Evangelical.....                                   | 10            | 17            | 300                | <b>DUNKARDS:</b>  |              |               |                    |
| <b>Total Armenians.....</b>                        | <b>15</b>     | <b>21</b>     | <b>5,924</b>       | German Baptists (Conservatives).....                            | 2,405        | 850           | 90,000             |
| <b>BAPTISTS:</b>                                   |               |               |                    | German Baptists (Old Order).....                                | 150          | 100           | 4,000              |
| Regular, North.....                                | 17,165        | 28,975        | 2,324,170          | German Baptists (Progressive).....                              | 231          | 160           | 15,000             |
| Regular, South.....                                | 10,190        | 14,462        | 1,721,632          | Seventh-Day Baptists (German).....                              | 5            | 6             | 194                |
| Regular, Colored.....                              | 14            | 18            | 937                | <b>Total Dunkards.....</b>                                      | <b>2,791</b> | <b>1,116</b>  | <b>109,194</b>     |
| Six Principle.....                                 | 130           | 111           | 9,154              | <b>EPISCOPALIANS:</b>   |              |               |                    |
| Seventh-Day.....                                   | 1,350         | 1,571         | 91,981             | Protestant Episcopal.....                                       | 4,754        | 6,295         | 679,604            |
| Freewill.....                                      | 120           | 167           | 12,000             | Reformed Episcopal.....   | 103          | 104           | 9,743              |
| Original Freewill.....                             | 550           | 575           | 28,000             | <b>Total Episcopalians.....</b>                                 | <b>4,857</b> | <b>6,399</b>  | <b>689,347</b>     |
| General.....                                       | 91            | 91            | 6,535              | <b>EVANGELICAL BODIES:</b>                                      |              |               |                    |
| Separate.....                                      | 25            | 204           | 13,209             | Evangelical Association.....                                    | 1,053        | 1,787         | 116,714            |
| United.....  | 80            | 152           | 8,254              | United Evangelical Church.....                                  | 426          | 684           | 59,190             |
| Baptist Church of Christ.....                      | 2,130         | 3,630         | 126,000            | <b>Total Evangelical.....</b>                                   | <b>1,479</b> | <b>2,471</b>  | <b>175,904</b>     |
| Primitive.....                                     | 300           | 473           | 12,851             | <b>FRIENDS:</b>   |              |               |                    |
| Old Two Seed in the Spirit Peda-<br>garian.....    | 32,145        | 50,289        | 4,364,427          | Friends (Orthodox).....   | 1,272        | 830           | 92,073             |
| <b>Total Baptists.....</b>                         | <b>32,145</b> | <b>50,289</b> | <b>4,364,427</b>   | Friends (Hicksite).....   | 115          | 201           | 21,992             |
| <b>BRETHREN (RIVER):</b>                           |               |               |                    | Friends (Wilburite).....  | 38           | 53            | 4,329              |
| Brethren in Christ.....                            | 152           | 78            | 4,000              | Friends (Primitive).....  | 11           | 9             | 232                |
| Old Order, or Yorker.....                          | 7             | 8             | 214                | <b>Total Friends.....</b>                                       | <b>1,436</b> | <b>1,093</b>  | <b>118,626</b>     |
| United Zion's Children.....                        | 20            | 25            | 525                | <b>FRIENDS OF THE TEMPLE.....</b>                               | <b>4</b>     | <b>4</b>      | <b>240</b>         |
| <b>Total (River) Brethren.....</b>                 | <b>179</b>    | <b>111</b>    | <b>4,739</b>       | <b>GERMAN EVANGELICAL PROTESTANTS</b>                           | <b>45</b>    | <b>55</b>     | <b>36,500</b>      |
| <b>BRETHREN (PLYMOUTH):</b>                        |               |               |                    | <b>GERMAN EVANGELICAL SYNOD.....</b>                            | <b>872</b>   | <b>1,130</b>  | <b>199,234</b>     |
| Brethren (I.).....                                 | 114           | 2,350         |                    | <b>GREEK CHURCH:</b>  |              |               |                    |
| Brethren (II.).....                                | 88            | 2,419         |                    | Greek Orthodox.....   | 4            | 2             | 5,030              |
| Brethren (III.).....                               | 86            | 1,235         |                    | Russian Orthodox.....   | 39           | 29            | 43,000             |
| Brethren (IV.).....                                | 31            | 718           |                    | <b>Total Greek Church.....</b>                                  | <b>43</b>    | <b>32</b>     | <b>48,030</b>      |
| <b>Total (Plymouth) Brethren.....</b>              | <b>319</b>    | <b>6,722</b>  |                    | <b>JEWS.....</b>  | <b>301</b>   | <b>570</b>    | <b>1,200,000</b>   |
| <b>CATHOLICS:</b>                                  |               |               |                    | <b>LATTER-DAY SAINTS:</b>                                       |              |               |                    |
| Roman Catholics.....                               | 11,001        | 14,675        | 8,378,128          | Church of Jesus Christ of Latter-<br>Day Saints.....            | 1,700        | 796           | 300,000            |
| Polish Branch.....                                 | 34            | 12            | 15,000             | Reorganized Church of Jesus Christ<br>of Latter-Day Saints..... | 2,200        | 610           | 40,639             |
| Old Catholic.....                                  | 12            | 8             | 1,050              | <b>Total Latter-Day Saints.....</b>                             | <b>3,900</b> | <b>1,306</b>  | <b>340,639</b>     |
| Reformed Catholics.....                            | 4             | 4             | 1,000              | <b>LUTHERANS:</b>   |              |               |                    |
| <b>Total Catholic.....</b>                         | <b>11,051</b> | <b>14,699</b> | <b>8,395,178</b>   | (General Bodies):   |              |               |                    |
| <b>CATHOLIC APOSTOLIC.....</b>                     | <b>95</b>     | <b>10</b>     | <b>1,491</b>       | General Synod.....  | 1,196        | 1,496         | 190,839            |
| <b>CHINESE TEMPLE.....</b>                         | <b>47</b>     | <b>....</b>   | <b>....</b>        | United Synod in the South.....                                  | 207          | 427           | 38,642             |
| <b>CHRISTADELPHIANS.....</b>                       | <b>63</b>     | <b>1,277</b>  | <b>....</b>        | General Council.....  | 1,214        | 2,056         | 347,268            |
| <b>CHRISTIANS:</b>                                 |               |               |                    | Synodical Conference.....                                       | 1,879        | 2,451         | 519,524            |
| Christians (Christian Connection).....             | 1,391         | 1,424         | 107,868            | (Independent Synods):   |              |               |                    |
| Christian Church, South.....                       | 102           | 174           | 15,500             | United Norwegian.....   | 358          | 1,059         | 123,575            |
| <b>Total Christians.....</b>                       | <b>1,493</b>  | <b>1,598</b>  | <b>124,368</b>     | Joint Synod of Ohio.....  | 449          | 608           | 86,097             |
| <b>CHRISTIAN CATHOLIC (DOWIE).....</b>             | <b>20</b>     | <b>40</b>     | <b>14,000</b>      | Buffalo.....  | 25           | 39            | 4,300              |
| <b>CHRISTIAN MISSIONARY ASSO.....</b>              | <b>10</b>     | <b>13</b>     | <b>754</b>         | Hauge's, Norwegian.....   | 89           | 217           | 17,403             |
| <b>CHRISTIAN SCIENTISTS.....</b>                   | <b>10,000</b> | <b>415</b>    | <b>70,000</b>      | Texas.....  | 11           | 11            | 1,289              |
| <b>CHRISTIAN UNION.....</b>                        | <b>183</b>    | <b>294</b>    | <b>18,214</b>      | German of Iowa.....   | 417          | 794           | 71,074             |
| <b>CHURCH OF GOD (WINNEBEGARIAN).....</b>          | <b>400</b>    | <b>580</b>    | <b>33,000</b>      | Norwegian Lutheran.....   | 251          | 676           | 65,000             |
| <b>CHURCH TRIUMPHANT (SCHWEIN-<br/>FURTH).....</b> | <b>12</b>     | <b>384</b>    | <b>....</b>        | Michigan.....   | 65           | 88            | 7,860              |
| <b>CHURCH OF THE NEW JERUSALEM.....</b>            | <b>117</b>    | <b>100</b>    | <b>6,702</b>       | Danish in America.....  | 47           | 66            | 1,000              |
|  |               |               |                    | Icelandic.....  | 7            | 25            | 3,000              |
|  |               |               |                    | Immanuel.....   | 45           | 51            | 6,118              |
|  |               |               |                    | Suomal, Finnish.....  | 11           | 44            | 5,000              |
|  |               |               |                    | Norwegian, Free.....  | 50           | 60            | 5,500              |
|  |               |               |                    | Danish United.....  | 77           | 145           | 7,983              |
|  |               |               |                    | Independent Congregations.....                                  | 83           | 101           | 25,000             |
|  |               |               |                    | <b>Total Lutheran.....</b>                                      | <b>6,482</b> | <b>10,513</b> | <b>1,526,552</b>   |
|  |               |               |                    | <b>WALDENSTROMIANS.....</b>                                     | <b>140</b>   | <b>150</b>    | <b>20,000</b>      |

RELIGIOUS DENOMINATIONS IN THE UNITED STATES—Continued.

| DENOMINATIONS.                           | Ministers.    | Churches.     | Communi-<br>cants. | DENOMINATIONS.                          | Ministers.     | Churches.      | Communi-<br>cants. |
|--|---------------|---------------|--------------------|---|----------------|----------------|--------------------|
| <b>MENNONITES:</b>                       |               |               |                    | <b>PREBYTERIANS (Continued):</b>        |                |                |                    |
| Mennonite.....                           | 381           | 280           | 21,600             | United Presbyterian.....                | 873            | 899            | 114,287            |
| Brederhoef.....                          | 9             | 5             | 352                | Presbyterian in U. S. of A. (South)     | 1,448          | 2,873          | 217,075            |
| Amish.....                               | 246           | 118           | 12,751             | Associate Ch. of North America.....     | 12             | 31             | 1,053              |
| Old Amish.....                           | 75            | 25            | 2,438              | Associate Ref. Synod of the South.....  | 95             | 125            | 10,888             |
| Apostol.....                             | 2             | 2             | 209                | Reform Pres. in the U. S. (Synod).....  | 116            | 109            | 9,634              |
| Reformed.....                            | 43            | 34            | 1,655              | Reform Pres. in N.A. (Gen. Synod).....  | 41             | 50             | 6,288              |
| General Conference.....                  | 104           | 50            | 9,173              | Reform Presb. (Covenanted).....         | 1              | 4              | 37                 |
| Church of God in Christ.....             | 18            | 18            | 471                | Reform Presb. in U. S. & Canada.....    | 1              | 1              | 582                |
| Old (Wisler).....                        | 17            | 15            | 610                | <b>Total Presbyterian.....</b>          | <b>11,703</b>  | <b>14,891</b>  | <b>1,542,401</b>   |
| Bundes Conference.....                   | 41            | 16            | 2,950              | <b>REFORMED:</b>                        |                |                |                    |
| Defenceless.....                         | 20            | 11            | 1,156              | Reformed in America.....                | 633            | 683            | 110,713            |
| Brethren in Christ.....                  | 45            | 82            | 2,953              | Reformed in the United States.....      | 1,029          | 1,560          | 242,299            |
| <b>Total Mennonites.....</b>             | <b>1,001</b>  | <b>656</b>    | <b>56,318</b>      | Christian Reformed.....                 | 91             | 138            | 17,265             |
|  |               |               |                    | <b>Total Reformed.....</b>              | <b>1,753</b>   | <b>2,481</b>   | <b>370,277</b>     |
| <b>METHODISTS:</b>                       |               |               |                    | <b>SALVATION ARMY.....</b>              | <b>2,653</b>   | <b>740</b>     | <b>40,000</b>      |
| Methodist Episcopal.....                 | 15,693        | 25,371        | 2,705,601          | <b>SCHWENKELDIANS.....</b>              | <b>3</b>       | <b>4</b>       | <b>306</b>         |
| Union American M. E.....                 | 63            | 61            | 2,675              | <b>SOCIAL BRETHREN.....</b>             | <b>17</b>      | <b>20</b>      | <b>913</b>         |
| African Methodist Episcopal.....         | 5,725         | 5,850         | 750,354            | <b>SOCIETY FOR ETHICAL CULTURE.....</b> | <b>5</b>       | <b>1,300</b>   |                    |
| African Union Meth. Episcopal.....       | 80            | 70            | 7,000              | <b>SPIRITUALISTS.....</b>               | <b>334</b>     | <b>45,030</b>  |                    |
| African Methodist Episcopal Zion.....    | 2,756         | 1,749         | 519,681            | <b>THEOSOPHICAL SOCIETY.....</b>        | <b>122</b>     | <b>3,000</b>   |                    |
| Methodist Protestant.....                | 1,508         | 2,263         | 180,964            | <b>UNITED BRETHREN:</b>                 |                |                |                    |
| Wesleyan Methodist.....                  | 600           | 470           | 16,500             | United Brethren in Christ.....          | 1,724          | 3,206          | 242,602            |
| Methodist Episcopal, South.....          | 5,901         | 13,995        | 1,458,345          | United Brethren (Old Constitution)      | 700            | 1,150          | 43,338             |
| Congregational Methodist.....            | 210           | 240           | 12,500             | <b>Total United Brethren.....</b>       | <b>2,424</b>   | <b>4,356</b>   | <b>285,940</b>     |
| Congregational Meth. (Colored).....      | 20            | 5             | 319                | <b>UNITARIANS.....</b>                  | <b>561</b>     | <b>454</b>     | <b>75,000</b>      |
| New Congregational Methodist.....        | 90            | 35            | 1,200              | <b>UNIVERSALISTS.....</b>               | <b>758</b>     | <b>787</b>     | <b>48,856</b>      |
| Zion Union Apostolic.....                | 30            | 32            | 2,346              | <b>VOLUNTEERS.....</b>                  | <b>590</b>     | <b>505</b>     | <b>2,000</b>       |
| Colored Methodist Episcopal.....         | 2,187         | 1,300         | 199,206            | <b>INDEPENDENT CONGREGATIONS.....</b>   | <b>54</b>      | <b>156</b>     | <b>14,126</b>      |
| Primitive Methodist.....                 | 180           | 90            | 6,100              | <b>Grand Total.....</b>                 | <b>149,868</b> | <b>189,488</b> | <b>27,714,528</b>  |
| Free Methodist.....                      | 1,025         | 1,220         | 28,134             |   |                |                |                    |
| Independent Methodist.....               | 8             | 15            | 2,569              |   |                |                |                    |
| Evangelist Missionary.....               | 87            | 13            | 4,600              |   |                |                |                    |
| <b>Total Methodists.....</b>             | <b>37,188</b> | <b>52,779</b> | <b>5,898,094</b>   |   |                |                |                    |
| <b>MORAVIANS.....</b>                    | <b>125</b>    | <b>120</b>    | <b>14,553</b>      |   |                |                |                    |
| <b>PREBYTERIANS:</b>                     |               |               |                    |   |                |                |                    |
| Presbyterian in U. S. of A. (North)..... | 7,062         | 7,369         | 954,942            |   |                |                |                    |
| Cumberland Presbyterian.....             | 1,599         | 3,021         | 180,635            |   |                |                |                    |
| Cumberland Presbyterian (Colored).....   | 359           | 224           | 35,000             |   |                |                |                    |
| Welsh Calvinistic.....                   | 105           | 185           | 12,000             |   |                |                |                    |

\* Swedborgians. † Mormons. ‡ Seceding Mormons.

The aggregate of 27,714,523 represents actual church membership, and includes all Catholics, but not all persons affiliated by family ties to Protestant bodies. The larger of the Protestant bodies may claim twice the number of their communicants as nominal adherents.—EDITOR OF THE ALMANAC.

Sunday-School Statistics of All Countries.

THE following table was compiled by E. Payson Porter, of New York, and Edward Towers, of London, Statistical Secretaries of the Seventh International Sunday-School Convention, for that body, at St. Louis, Mo., September 4 and 5, 1893. These are the latest figures reported, as the World's Convention, which was to have been held in 1897, was postponed until 1900.

| COUNTRIES.             | Sunday Schools. | Teachers. | Scholars. | COUNTRIES.                      | Sunday Schools. | Teachers.        | Scholars.         |
|------------------------|-----------------|-----------|-----------|---------------------------------|-----------------|------------------|-------------------|
| <b>EUROPE:</b>         |                 |           |           | <b>ASIA:</b>                    |                 |                  |                   |
| England and Wales..... | 37,201          | 585,457   | 5,976,537 | India, including Ceylon.....    | 5,548           | 10,715           | 197,754           |
| Scotland.....          | 6,275           | 62,904    | 694,870   | Persia.....                     | 107             | 440              | 4,876             |
| Ireland.....           | 3,584           | 27,740    | 308,516   | Siam.....                       | 16              | 64               | 809               |
| Belgium.....           | 89              | 310       | 4,112     | China.....                      | 105             | 1,053            | 5,264             |
| Austria.....           | 212             | 513       | 7,195     | Japan.....                      | 150             | 390              | 7,019             |
| Denmark.....           | 506             | 3,043     | 55,316    | Central Turkey.....             | 516             | 2,459            | 25,833            |
| Finland.....           | 6,853           | 11,504    | 147,134   | <b>AFRICA:</b>                  | <b>4,246</b>    | <b>8,455</b>     | <b>161,394</b>    |
| France.....            | 1,450           | 3,800     | 60,000    | <b>NORTH AMERICA:</b>           |                 |                  |                   |
| Germany.....           | 5,900           | 34,983    | 749,786   | United States.....              | 123,173         | 1,305,939        | 9,718,432         |
| Greece.....            | 4               | 7         | 150       | Canada.....                     | 8,356           | 69,521           | 576,754           |
| Italy.....             | 403             | 654       | 10,969    | Newfoundland and Labrador.....  | 359             | 2,275            | 22,976            |
| Netherlands.....       | 1,560           | 4,600     | 163,000   | West Indies.....                | 2,185           | 9,673            | 110,233           |
| Norway.....            | 550             | 4,390     | 63,980    | Central America and Mexico..... | 550             | 1,300            | 15,000            |
| Portugal.....          | 11              | 56        | 1,068     | <b>SOUTH AMERICA.....</b>       | <b>350</b>      | <b>3,000</b>     | <b>150,000</b>    |
| Russia.....            | 83              | 777       | 15,524    | <b>OCEANICA:</b>                |                 |                  |                   |
| Spain.....             | 88              | 33        | 3,230     | Australasia.....                | 4,766           | 54,211           | 586,009           |
| Sweden.....            | 5,750           | 17,800    | 242,150   | Fiji Islands.....               | 1,474           | 2,700            | 42,909            |
| Switzerland.....       | 1,637           | 6,916     | 113,382   | Hawaiian Islands.....           | 250             | 1,412            | 15,840            |
| European Turkey.....   | 35              | 175       | 1,564     | Other Islands.....              | 210             | 800              | 10,000            |
|                        |                 |           |           | <b>THE WORLD.....</b>           | <b>224,562</b>  | <b>2,289,738</b> | <b>20,268,933</b> |

The total number of teachers and scholars in the world, according to this report, was 22,608,661.

The table does not include the schools of the Roman Catholic and Non-Evangelical Protestant churches. The number of scholars in Roman Catholic Sunday-schools in the United States is estimated at 800,000 by clerics.

The next World's Sunday-School Convention will be held in London in 1900.

# Roman Catholic Hierarchy of the United States.

## APOSTOLIC DELEGATION.

Rev. Donatus Sbarelli, Auditor, Washington, D. C.  
 Sebastian Martinelli, Abp. Ephesus, Papal Delegate, Washington, D. C.  
 Rev. F. Z. Kooker, Secretary, Washington, D. C.

## ARCHBISHOPS.

|                             |                          |      |                                 |                         |            |
|-----------------------------|--------------------------|------|---------------------------------|-------------------------|------------|
| Baltimore, Maryland.....    | James Gibbons, Cardinal. | 1868 | New York, New York.....         | M. A. Corrigan.....     | Cons. 1873 |
| Boston, Massachusetts.....  | John J. Williams.....    | 1866 | Portland, Oregon.....           | Alexander Christie..... | 1898       |
| Chicago, Illinois.....      | Patrick A. Feehan.....   | 1863 | Philadelphia, Pennsylvania..... | Patrick J. Ryan.....    | 1872       |
| Cincinnati, Ohio.....       | William H. Elder.....    | 1857 | St. Louis, Missouri.....        | John J. Kain.....       | 1875       |
| Dubuque, Iowa.....          | John Hennessy.....       | 1866 | St. Paul, Minnesota.....        | John Ireland.....       | 1875       |
| Milwaukee, Wisconsin.....   | Frederick Katzer.....    | 1886 | San Francisco, California.....  | Patrick W. Riordan..... | 1883       |
| New Orleans, Louisiana..... | P. L. Chapelle.....      | 1897 | Santa Fe, New Mexico.....       | Peter Bourgade.....     | 1887       |

## BISHOPS.

|                                 |                                |            |                                 |                                    |            |
|---------------------------------|--------------------------------|------------|---------------------------------|------------------------------------|------------|
| Albany, New York.....           | Thos. M. Burke.....            | Cons. 1894 | Louisville, Kentucky.....       | William G. McCloskey.....          | Cons. 1893 |
| Alton, Illinois.....            | James Ryan.....                | 1888       | Manchester, New Hampshire.....  | D. M. Bradley.....                 | 1854       |
| Belleville, Illinois.....       | J. Janssen.....                | 1888       | Marquette, Michigan.....        | Frederick Eis.....                 | 1899       |
| Boise City, Idaho.....          | A. G. Glantz.....              | 1885       | Mobile, Alabama.....            | Edward P. Allen.....               | 1887       |
| Boston, Massachusetts.....      | John Brady (Auxiliary).....    | 1891       | Nashville, Tennessee.....       | Thomas S. Byrne.....               | 1894       |
| Brooklyn, New York.....         | C. E. McDonnell.....           | 1892       | Natchez, Mississippi.....       | Thomas Heslin.....                 | 1879       |
| Buffalo, New York.....          | James Edward Quigley.....      | 1897       | Natchitoches, Louisiana.....    | Anthony Durier.....                | 1887       |
| Burlington, Vermont.....        | H. S. Michaud.....             | 1893       | Nesqueally, Washington.....     | Edward J. O'Dea.....               | 1896       |
| Charleston, South Carolina..... | J. P. Northrop.....            | 1882       | Newark, New Jersey.....         | W. M. Wigger.....                  | 1881       |
| Cheyenne, Wyoming.....          | Thos. M. Lenihan.....          | 1897       | New York, New York.....         | John M. Farley (Auxiliary).....    | 1896       |
| Cleveland, Ohio.....            | I. F. Horstmann.....           | 1892       | Ogdenburg, New York.....        | Henry Gabriels.....                | 1892       |
| Columbus, Ohio.....             | Vacant.....                    |            | Omaha, Nebraska.....            | Richard Scannell.....              | 1887       |
| Concordia, Kansas.....          | J. F. Cunningham.....          | 1898       | Peoria, Illinois.....           | J. L. Spalding.....                | 1877       |
| Covington, Kentucky.....        | C. P. Maes.....                | 1885       | Philadelphia, Pennsylvania..... | E. F. Prendergast (Auxiliary)..... | 1897       |
| Dallas, Texas.....              | Edward J. Dunne.....           | 1893       | Pittsburgh, Pennsylvania.....   | R. Phelan.....                     | 1885       |
| Davenport, Iowa.....            | H. Cosgrove.....               | 1884       | Portland, Maine.....            | J. A. Healy.....                   | 1875       |
| Denver, Colorado.....           | N. J. Glavin.....              | 1885       | Providence, Rhode Island.....   | M. Harkins.....                    | 1891       |
| Detroit, Michigan.....          | John S. Foley.....             | 1888       | Richmond, Virginia.....         | Van de Vyver.....                  | 1839       |
| Duluth, Minnesota.....          | James McGoldrick.....          | 1889       | Rochester, New York.....        | B. J. McQuaid.....                 | 1868       |
| Erie, Pennsylvania.....         | John F. Fitzmaurice.....       | 1897       | St. Augustine, Florida.....     | John Moore.....                    | 1877       |
| Fargo, North Dakota.....        | John Shanley.....              | 1889       | St. Cloud, Minnesota.....       | James Trobec.....                  | 1897       |
| Fort Wayne, Indiana.....        | J. Rademacher.....             | 1883       | St. Joseph, Missouri.....       | M. F. Burke.....                   | 1893       |
| Galveston, Texas.....           | N. A. Gallagher.....           | 1882       | Sacramento, California.....     | Thomas Grace.....                  | 1896       |
| Grand Rapids, Michigan.....     | H. A. Ritcher.....             | 1883       | Salt Lake City, Utah.....       | Lawrence Scanlan.....              | 1887       |
| Green Bay, Wisconsin.....       | Sebastian Messmer.....         | 1892       | San Antonio, Texas.....         | J. A. Forrest.....                 | 1895       |
| Guthrie, Oklahoma.....          | Theodore Meerschardt.....      | 1891       | Savannah, Georgia.....          | Vacant.....                        |            |
| Harrisburg, Pennsylvania.....   | John W. Shanahan.....          | 1899       | Scranton, Pennsylvania.....     | M. J. Hoban.....                   | 1896       |
| Hartford, Connecticut.....      | M. Tierney.....                | 1894       | Sioux Falls, South Dakota.....  | Thomas O'Grady.....                | 1896       |
| Helena, Montana.....            | J. B. Brondel.....             | 1879       | Springfield, Massachusetts..... | Thomas D. Deaven.....              | 1894       |
| Indianapolis, Indiana.....      | J. F. Chatard.....             | 1878       | Stamford, New York.....         | P. A. Ludden.....                  | 1887       |
| Kansas City, Missouri.....      | John J. Hogan.....             | 1868       | Trenton, New Jersey.....        | James A. McFall.....               | 1894       |
| Kansas City, Missouri.....      | J. J. Glennon (Coadjutor)..... | 1896       | Tucson, Arizona.....            | Vacant.....                        |            |
| La Crosse, Wisconsin.....       | James Schwabach.....           | 1893       | Vancouver Island.....           | Vacant.....                        |            |
| Laredo, Texas.....              | P. Verdagner.....              | 1890       | Wheeling, West Virginia.....    | P. J. Donahue.....                 | 1894       |
| Leavenworth, Kansas.....        | L. M. Fink.....                | 1871       | Wichita, Kansas.....            | J. J. Hennessy.....                | 1888       |
| Lincoln, Nebraska.....          | Thomas Bonacum.....            | 1887       | Wilmington, Delaware.....       | John J. Monaghan.....              | 1897       |
| Little Rock, Arkansas.....      | Edward Fitzgerald.....         | 1867       | Wilmington, North Carolina..... | Leo Hald.....                      | 1886       |
| Los Angeles, California.....    | G. Montgomery.....             | 1894       | Winona, Minnesota.....          | Joseph B. Cotter.....              | 1889       |

# College of Cardinals.

## CARDINAL BISHOPS.

| Name.               | Office or Dignity. | Nation.      | Age.    | Cr't'd. |
|---------------------|--------------------|--------------|---------|---------|
| Mazzella, C.....    | Bp. Albano.....    | Italian..... | 67..... | 1856    |
| Mocenni, Mario..... | Bp. Sabina.....    | Italian..... | 86..... | 1893    |
| Parocchi, L. M..... | Vicar-General..... | Italian..... | 83..... | 1882    |

## CARDINAL PRIESTS.

| Name.                                     | Office or Dignity.         | Nation.        | Age.    | Cr't'd. |
|---|----------------------------|----------------|---------|---------|
| Stefano, L. O. S.....                     | Dean Sac. Coll.....        | Italian.....   | 72..... | 1873    |
| Vannutelli, S.....                        | Bp. Frascati.....          | Italian.....   | 66..... | 1887    |
| Agliardi, A.....                          | Abp. Casarea.....          | Italian.....   | 68..... | 1896    |
| Capecepatro, P.....                       | Abp. Capua.....            | Italian.....   | 75..... | 1885    |
| Casarena, A. M.....                       | Ceremonial Discipline..... | Spanish.....   | 66..... | 1895    |
| Casali del Drago, G. B.....               | .....                      | Italian.....   | 62..... | 1899    |
| Cassansa, S.....                          | Bishops Regulars.....      | Spanish.....   | 56..... | 1895    |
| Cassetta, Fr. di Paolo.....               | .....                      | Italian.....   | 59..... | 1899    |
| Ceslea, P. G. M.....                      | Abp. Palermo.....          | Italian.....   | 66..... | 1884    |
| Clasca, Agostino.....                     | .....                      | Italian.....   | 65..... | 1899    |
| Cretoni, S.....                           | Abp. Damascus.....         | Italian.....   | 67..... | 1896    |
| Di Canossa, L.....                        | Bp. Verona.....            | Italian.....   | 91..... | 1877    |
| Di Pietro, Angelo.....                    | Nuncio Madrid.....         | Italian.....   | 71..... | 1893    |
| Ferrari, A. A.....                        | Abp. Milan.....            | Italian.....   | 50..... | 1894    |
| Ferrata, D.....                           | Abp. Thessalonica.....     | Italian.....   | 53..... | 1896    |
| Ferreira, A.....                          | Bp. Oporto.....            | Port.....      | 71..... | 1879    |
| Franciscavava di B., J. Abp. Catania..... | .....                      | Spanish.....   | 54..... | 1899    |
| Galeati, Sebastian.....                   | Abp. Ravenna.....          | Italian.....   | 78..... | 1890    |
| Gibbons, James.....                       | Abp. Baltimore.....        | American.....  | 66..... | 1886    |
| Goossens, P. L.....                       | Abp. Mechlin.....          | Belgian.....   | 73..... | 1889    |
| Gotti, G. M.....                          | Sac. Cong. Rites.....      | Italian.....   | 66..... | 1895    |
| Haller, J.....                            | Bishops Regulars.....      | Austrian.....  | 74..... | 1895    |
| Herrera, J.....                           | Abp. Compostella.....      | Spanish.....   | 64..... | 1887    |
| Jacobini, D. M.....                       | Abp. Tyre.....             | Italian.....   | 63..... | 1896    |
| Kopp, George.....                         | Bp. Breslau.....           | Austrian.....  | 62..... | 1893    |
| Langenieux, Z. M.....                     | Abp. Rheims.....           | French.....    | 76..... | 1886    |
| Lecot, Victor L.....                      | Rites Indul. Relics.....   | French.....    | 69..... | 1893    |
| Ledochowski, M.....                       | Pref. Propaganda.....      | Polish.....    | 78..... | 1872    |
| Leque, Michael.....                       | Primate Ireland.....       | Irish.....     | 60..... | 1863    |
| Leque, Achille.....                       | Bp. Ancona.....            | Italian.....   | 71..... | 1887    |
| Masella, G. A.....                        | Pf. Cong. Sac. Rites.....  | Italian.....   | 74..... | 1885    |
| Matthieu, Fr. D.....                      | Abp. Toulouse.....         | French.....    | 61..... | 1899    |
| Missa, James.....                         | Abp. Gorizia.....          | Austrian.....  | 62..... | 1899    |
| Moran, P. F.....                          | Abp. Sydney.....           | Irish.....     | 70..... | 1885    |
| Neto, J. S.....                           | Patriarch Lisbon.....      | Port.....      | 59..... | 1884    |
| Portanova, Genaro.....                    | Abp. Reggio Calabria.....  | Italian.....   | 55..... | 1899    |
| Prisco, G.....                            | Index.....                 | Italian.....   | 67..... | 1896    |
| Rampolla, M.....                          | Secretary of State.....    | Italian.....   | 57..... | 1887    |
| Respighi, Pietro.....                     | Abp. Ferrara.....          | Italian.....   | 57..... | 1889    |
| Richard, F. M.....                        | Abp. Paris.....            | French.....    | 81..... | 1889    |
| Ricelmy, Agostino.....                    | Abp. Turin.....            | Italian.....   | 49..... | 1899    |
| Sancha, C.....                            | Abp. Tolosa.....           | Spanish.....   | 62..... | 1895    |
| Sarto, Joseph.....                        | Patriarch Venice.....      | Italian.....   | 65..... | 1893    |
| Satoli, Francis.....                      | Abp. Lepanto.....          | Italian.....   | 61..... | 1895    |
| Schlauch, L.....                          | Index Care. Studies.....   | Hungarian..... | 76..... | 1893    |
| Sourrieu, P.....                          | Abp. Rouen.....            | French.....    | 65..... | 1897    |
| Swampa, D.....                            | Abp. Fofia.....            | Italian.....   | 49..... | 1894    |
| Vannutelli, V.....                        | Abp. Sardis.....           | Spanish.....   | 64..... | 1890    |
| Vaughan, Herbert.....                     | Abp. Westminster.....      | English.....   | 67..... | 1893    |
| Vaszary, Claudius.....                    | Primate Hungary.....       | Hungarian..... | 67..... | 1893    |

## CARDINAL DEACONS.

|                         |                        |              |         |      |
|-------------------------|------------------------|--------------|---------|------|
| Macchi, R.....          | Index.....             | Italian..... | 68..... | 1889 |
| Pierotti, L.....        | Studies.....           | Italian..... | 66..... | 1896 |
| Segna, F.....           | Extra Ec. Affairs..... | Italian..... | 64..... | 1894 |
| Steinhuber, A.....      | Relics Indulgenis..... | German.....  | 75..... | 1895 |
| Trombetta, Luigi.....   | .....                  | Italian..... | 81..... | 1899 |
| Vivez y Tuto, G. C..... | .....                  | Spanish..... | 46..... | 1899 |



Bishops.

BISHOPS OF THE PROTESTANT EPISCOPAL CHURCH IN THE UNITED STATES.

| <i>Diocese.</i>   | <i>Cms.</i> | <i>Diocese.</i>  | <i>Cms.</i> |
|---|-------------|--|-------------|
| Alabama—Richard Hooker Wilmer, Spring Hill.....             | 1862        | New Jersey—Newark: Thomas A. Starkey.....                                  | 1880        |
| “ Henry M. Jackson, Coadjutor, Eufaula.....                 | 1891        | New York—Henry Codman Potter, New York City.....                           | 1883        |
| Alaska—Peter Trimble Rowe (missionary), Juneau.....         | 1895        | “ Central: Frederick D. Huntington, Syracuse.....                          | 1889        |
| Arizona and New Mexico—J. M. Kendrick (miss.), Phoenix..... | 1889        | “ Western: William D. Walker, Buffalo.....                                 | 1883        |
| Arkansas—William M. Brown, Little Rock.....                 | 1898        | “ Albany: William Crosswell Deane.....                                     | 1869        |
| California—William Ford Nichols, San Francisco.....         | 1890        | “ Long Island: Abram N. Littlejohn, Garden City.....                       | 1869        |
| “ Sacramento: W. H. Moreland (missionary).....              | 1889        | North Carolina—Joseph Blount Chesire, Raleigh.....                         | 1843        |
| “ Los Angeles: Joseph H. Johnson.....                       | 1896        | “ E. Carolina: Alfred A. Watson, Wilmington.....                           | 1884        |
| Colorado—John Franklin Smaiding, Denver.....                | 1873        | “ Asheville: J. M. Horner (missionary).....                                | 1893        |
| Connecticut—Chauncey B. Brewster, Hartford.....             | 1897        | Ohio—William Andrew Leonard, Cleveland.....                                | 1889        |
| Dakota, N.—Samuel C. Edsall (missionary), Fargo.....        | 1899        | “ Southern: Boyd Vincent, Coadjutor, Cincinnati.....                       | 1889        |
| “ S., Wm. Hobart Hare (missionary), Sioux Falls.....        | 1873        | Oklahoma and Indian Ter.—F. K. Brooke (miss.), Guthrie.....                | 1903        |
| Delaware—Leighton Coleman, Wilmington.....                  | 1888        | Oregon—Benjamin Wistar Morris (missionary), Portland.....                  | 1868        |
| District of Columbia—Washington: H. Y. Satterlee.....       | 1896        | Pennsylvania—Ozi William Whitaker, Philadelphia.....                       | 1869        |
| Florida—Edwin Gardner Weed, Jacksonville.....               | 1886        | “ Pittsburgh: Cortland Whitehead.....                                      | 1882        |
| “ South: William Crane Gray (miss.), Orlando.....           | 1892        | “ Central: Ethelbert Talbot, South Bethlehem.....                          | 1887        |
| Georgia—C. Kinloch Nelson, Atlanta.....                     | 1892        | Rhode Island—Thomas March Clark, Providence.....                           | 1854        |
| Idaho—Boise: James B. Funsten (missionary).....             | 1893        | “ W. N. McVickar, Coadjutor, Providence.....                               | 1898        |
| Illinois—Chicago: William Edward McLaren.....               | 1875        | South Carolina—Ellison Capers, Columbia.....                               | 1883        |
| “ Quincy: Alexander Burgess.....                            | 1878        | Tennessee—Thomas P. Gailor, Memphis.....                                   | 1882        |
| “ Springfield: Geo. Franklin Seymour.....                   | 1878        | Texas—George Herbert Kinsolving, Austin.....                               | 1892        |
| “ Chas. R. Hale, Coadjutor, Cairo.....                      | 1892        | “ Dallas: Alex. C. Garrett.....  | 1874        |
| Indiana—J. M. Francis, Indianapolis.....                    | 1899        | “ Western: James S. Jonnston (miss.), San Antonio.....                     | 1888        |
| “ Michigan City: John H. White.....                         | 1895        | Utah—Abiel Leonard (missionary), Salt Lake City.....                       | 1888        |
| Iowa—Theodore N. Morrison, Davenport.....                   | 1899        | Vermont—Arthur C. A. Hall, Burlington.....                                 | 1894        |
| Kansas—Frank R. Millspaugh, Topeka.....                     | 1895        | Virginia—Francis McNece Whittle, Richmond.....                             | 1868        |
| Kentucky—Thomas Underwood Dudley, Louisville.....           | 1875        | “ Robert A. Gibson, Coadjutor, Richmond.....                               | 1894        |
| “ Lexington: Lewis W. Burton.....                           | 1896        | “ Southern: Alfred M. Randolph, Norfolk.....                               | 1883        |
| Louisiana—Davis Sessums, New Orleans.....                   | 1891        | West Virginia—George William Peterkin, Parkersburg.....                    | 1878        |
| Maine—Vacant.....   |             | “ W. L. Gravatt, Coadjutor, Charlestown.....                               | 1899        |
| Maryland—William Faret, Baltimore.....                      | 1885        | Wisconsin—Milwaukee: Isaac L. Nicholson.....                               | 1891        |
| Massachusetts—Easton: William Forbes Adams.....             | 1875        | “ Fond du Lac: Charles C. Grafton.....                                     | 1893        |
| “ William Lawrence, Cambridge.....                          | 1883        | Washington—Olympia: William M. Barker (miss.), Tacoma.....                 | 1893        |
| Michigan—Thomas Frederick Davies, Detroit.....              | 1889        | “ Spokane: Lemuel H. Wells (missionary).....                               | 1892        |
| “ Marquette: Gershon M. Williams.....                       | 1896        | Wyoming—Laramie: Anson R. Graves (miss.), Kearney, Neb.....                | 1890        |
| “ Western: George D. Gillespie, Grand Rapids.....           | 1875        | Africa—Cape Palmas: S. D. Ferguson (miss.), Harper, Liberia.....           | 1885        |
| Minnesota—Henry Benjamin Whipple, Faribault.....            | 1859        | China—Frederick R. Graves (missionary), Shanghai.....                      | 1893        |
| “ Mahlon N. Gilbert, Coadjutor, St. Paul.....               | 1886        | Japan—Tokio: John McKim (missionary).....                                  | 1893        |
| “ Duluth: James D. Morrison (missionary).....               | 1897        | “ Kyoto: S. C. Partridge (missionary elect).....                           |             |
| Mississippi—Hugh Miller Thompson, Jackson.....              | 1838        | Charles C. Penick, late Bishop of Cape Palmas, Africa.....                 |             |
| Missouri—Daniel Sylvester Tuttle, St. Louis.....            | 1867        | Retired, Richmond, Va.....   | 1877        |
| “ West: Edward Robert Atwill, Kansas City.....              | 1890        | S. I. J. Schereschewsky, late Bishop of Shanghai, China.....               |             |
| Montana—Leigh R. Brewer (missionary), Helena.....           | 1880        | Retired, Tokio, Japan.....   | 1877        |
| Nebraska—George Worthington, Omaha.....                     | 1865        | Thomas Augustus Jaggard, Bishop of Southern Ohio. Retired, Cincinnati..... | 1875        |
| “ A. L. Williams, Coadjutor, Omaha.....                     | 1899        | Channing Moore Williams, late Bishop of China and Japan.....               |             |
| New Hampshire—William Woodruff Niles, Concord.....          | 1870        | Retired, Osaka, Japan.....   | 1866        |
| New Jersey—John Scarborough, Trenton.....                   | 1875        |  |             |

Missionary work in new possessions and dependencies is in charge of the Bishop of Rhode Island as Presiding Bishop.

BISHOPS OF THE METHODIST EPISCOPAL CHURCH.

| <i>Residence.</i>         | <i>Elected.</i>        | <i>Residence.</i> | <i>Elected.</i>          |                              |      |
|---------------------------|------------------------|-------------------|--------------------------|------------------------------|------|
| Thomas Bowman.....        | East Orange, N. J..... | 1872              | Charles H. Fowler.....   | Buffalo, N. Y.....           | 1884 |
| Randolph S. Foster.....   | Roxbury, Mass.....     | 1872              | William Taylor.....      | Miss. Bishop for Africa..... | 1884 |
| Stephen M. Merrill.....   | Chicago, Ill.....      | 1872              | John H. Vincent.....     | Topeka, Kan.....             | 1888 |
| Edward G. Andrews.....    | New York City.....     | 1872              | James N. FitzGerald..... | St. Louis, Mo.....           | 1888 |
| Henry W. Warren.....      | Denver, Col.....       | 1880              | Isaac W. Joyce.....      | Minneapolis, Minn.....       | 1888 |
| Cyrus D. Foss.....        | Philadelphia, Pa.....  | 1880              | Daniel A. Goodsell.....  | Chattanooga, Tenn.....       | 1888 |
| John F. Hurst.....        | Washington, D. C.....  | 1880              | James M. Thoburn.....    | Miss. Bishop for India.....  | 1888 |
| William X. Nindt.....     | Detroit, Mich.....     | 1884              | Charles C. McCabe.....   | Fort Worth, Tex.....         | 1896 |
| John M. Walden.....       | Cincinnati, Ohio.....  | 1884              | Earl Cranston.....       | Portland, Ore.....           | 1896 |
| Willard F. Mallalieu..... | Auburndale, Mass.....  | 1884              | Joseph C. Hartzell.....  | Miss. Bishop for Africa..... | 1896 |

BISHOPS OF THE METHODIST EPISCOPAL CHURCH, SOUTH.

| <i>Residence.</i>      | <i>Elected.</i>        | <i>Residence.</i> | <i>Elected.</i>       |                      |      |
|------------------------|------------------------|-------------------|-----------------------|----------------------|------|
| John C. Keener.....    | New Orleans, La.....   | 1870.             | C. B. Galloway.....   | Jackson, Miss.....   | 1886 |
| Alpheus W. Wilson..... | Baltimore, Md.....     | 1882              | J. S. Key.....        | Sherman, Tex.....    | 1896 |
| J. C. Granbery.....    | Ashland, Va.....       | 1882              | O. P. Fitzgerald..... | Nashville, Tenn..... | 1890 |
| R. K. Hargrove.....    | Nashville, Tenn.....   | 1882              | W. A. Candler.....    | Atlanta, Ga.....     | 1893 |
| W. W. Duncan.....      | Spartanburg, S. C..... | 1886              | H. C. Morrison.....   | Louisville, Ky.....  | 1898 |
| E. R. Hendrix.....     | Kansas City, Mo.....   | 1886              |                       |                      |      |

BISHOPS OF THE REFORMED EPISCOPAL CHURCH.

| <i>Residence.</i>          | <i>Residence.</i>     |
|----------------------------|-----------------------|
| Charles Edward Cheney..... | Chicago, Ill.....     |
| William R. Nicholson.....  | Philadelphia, Pa..... |
| Edward Cridge.....         | Victoria, B. C.....   |
| Samuel Fallows.....        | Chicago, Ill.....     |
| P. F. Stevens.....         | Orangeburg, S. C..... |
| James A. Latsane.....      | Baltimore, Md.....    |
| Edward Wilson.....         | Metuchen, N. J.....   |

BISHOPS OF THE OLD CATHOLIC CHURCH IN THE UNITED STATES.

| <i>Residence.</i>              | <i>Residence.</i>  |
|--------------------------------|--------------------|
| J. R. Vilatte, Archbishop..... | Davall.....        |
| S. Kaminski, Bishop.....       | Buffalo, N. Y..... |
| A. Kozlowski, Bishop.....      | Chicago, Ill.....  |

The next triennial convention of the Protestant Episcopal Church will meet at San Francisco, Cal., in October, 1901.  
 The next quadrennial general conference of the Methodist Episcopal Church will be held May 2, 1900, the place to be determined by the book committee.  
 The next general conference of the Methodist Episcopal Church, South, will be held in 1902.  
 The fifteenth general council of the Reformed Episcopal Church will be held at Baltimore, Md., June 6, 1900.

## Presbyterian Assemblies.

OFFICERS OF THE LAST GENERAL ASSEMBLY OF THE PRESBYTERIAN CHURCH IN THE UNITED STATES OF AMERICA.

*Moderator*—Rev. Robert F. Sample, D. D., New York City. | *Stated Clerk*—W. H. Roberts, D. D., LL. D., 1319 Walnut Street, Philadelphia, Pa.

### TRUSTEES.

*President*—George Junkin, Esq., Philadelphia. | *Corresponding Secretary*—Rev. Edward B. Hodge, D. D., 1319 Walnut Street, Philadelphia, Pa.

### AGENCIES OF THE CHURCH.

The following may be addressed at 156 Fifth Avenue, New York City, viz.: The Board of Home Missions, the Board of Foreign Missions, and the Board of Church Erection.

The following are located at 1319 Walnut Street, Philadelphia, Pa., viz.: The Trustees of the General Assembly, the Board of Education, the Board of Publication and Sabbath-School Work, and the Board of Ministerial Relief.

The Board of Missions for Freedmen is located at 516 Market Street, Pittsburg, Pa., and the Board of Aid for Colleges and Academies at 115 Monroe Street, Chicago, Ill.

The Church magazine, *The General Assembly Herald*, has its office at 156 Fifth Avenue, New York City.

OFFICERS OF THE LAST GENERAL ASSEMBLY OF THE PRESBYTERIAN CHURCH IN THE UNITED STATES.\*

*Moderator*—Rev. J. F. Cannon, D. D., St. Louis, Mo. | *Permanent Clerk*—Robert P. Farris, D. D., St. Louis, Mo.  
*Stated Clerk*—Rev. W. A. Alexander, D. D., Clarksville, Tenn.

### TRUSTEES.

*President*—E. Nye Hutchinson, Charlotte, N. C. | *Secretary and Treasurer*—John R. Farr, Esq., Charlotte, N. C.

### SECRETARIES.

*Foreign Missions*—S. H. Chester, D. D., Nashville, Tenn. | *Education*—Rev. J. H. Lumpkin, Memphis, Tenn.  
*Home Missions*—J. N. Craig, D. D., Atlanta, Ga. | *Colored Evangelization*—Rev. D. C. Lilly, Tuscaloosa, Ala.

*Publications*—J. K. Hazen, D. D., Richmond, Va.  
\* Commonly known as the Southern Presbyterian Church.

## Alliance of the Reformed Churches

(THROUGHOUT THE WORLD)

### HOLDING THE PRESBYTERIAN SYSTEM.

THIS organization represents ten Reformed and Presbyterian Churches in the United States, with a constituency of 6,500,000; the Presbyterian Church in Canada, with a constituency of 600,000, and more than 80 different denominations on the five continents other than North America, with a constituency of at least 23,000,000 persons. The following are the organizations in the United States and Canada which are members of the Alliance:

PRESBYTERIAN CHURCH IN THE UNITED STATES OF AMERICA, COMMONLY KNOWN AS THE PRESBYTERIAN CHURCH NORTH.

*Stated Clerk*—Rev. W. H. Roberts, D. D., LL. D., 1319 Walnut Street, Philadelphia, Pa.  
Next meeting of General Assembly, St. Louis, Mo., May 17, 1900. (Communicants, 984,434.)

PRESBYTERIAN CHURCH IN THE UNITED STATES, COMMONLY KNOWN AS THE PRESBYTERIAN CHURCH SOUTH.

*Stated Clerk*—Rev. W. A. Alexander, D. D., Clarksville, Tenn.  
Next meeting of General Assembly, Atlanta, Ga., May 17, 1900. (Communicants, 221,022.)

UNITED PRESBYTERIAN CHURCH OF NORTH AMERICA.

*Stated Clerk*—Rev. William J. Reid, D. D., Pittsburgh, Pa.  
Next meeting of the General Assembly, Chicago, Ill., May 23, 1900. (Communicants, 126,788.)

CUMBERLAND PRESBYTERIAN CHURCH.

*Stated Clerk*—Rev. J. M. Hubbert, Lebanon, Tenn.  
Next meeting of the General Assembly, Chattanooga, Tenn., May 17, 1900. (Communicants, 177,578.)

REFORMED (DUTCH) CHURCH IN AMERICA.

*Stated Clerk*—Rev. W. H. De Hart, Raritan, N. J.  
Next meeting of the General Synod, Asbury Park, N. J., June 5, 1900. (Communicants, 111,665.)

REFORMED (GERMAN) CHURCH IN THE UNITED STATES.

*Stated Clerk*—Rev. J. P. Stein, Reading, Pa.  
Next meeting of the General Synod, Baltimore, Md., May 20, 1902. (Communicants, 242,300.)

REFORMED PRESBYTERIAN CHURCH, GENERAL SYNOD.

*Stated Clerk*—Rev. James Y. Boice, 2213 Spring Garden Street, Philadelphia, Pa.  
Next meeting of the General Synod, Sparta, Ill., June 12, 1900. (Communicants, 4,700.)

ASSOCIATE REFORMED SYNOD OF THE SOUTH.

*Stated Clerk*—Rev. James Boyce, Huntersville, N. C.  
Next meeting of the Synod, Charlotte, N. C., November 9, 1900. (Communicants, 11,099.)

SYNOD OF THE REFORMED PRESBYTERIAN CHURCH.

*Stated Clerk*—Rev. F. M. Foster, 341 West Twenty-ninth Street, New York City.  
Next meeting of the Synod, Cedarville, Ohio, May 30, 1900. (Communicants, 9,875.)

WELSH PRESBYTERIAN CHURCH.

*Treasurer*—Hon. T. Solomon Griffiths, Utica, N. Y.  
Next meeting of General Assembly, Cambria, Wis., September, 1901. (Communicants, 12,600.)

THE PRESBYTERIAN CHURCH IN CANADA.

*Stated Clerk*—Rev. Robert Campbell, D. D., Montreal, Canada.  
Next meeting of General Assembly, Halifax, N. S., June 13, 1900. (Communicants, 210,328.)

## American Unitarian Association.

THIS Association was organized in Boston, Mass., May 25, 1825, and incorporated in 1847. Its objects, as defined in the report of the Committee on Organization, are as follows:

1. To collect and diffuse information respecting the state of Unitarian Christianity in our country.
2. To produce union, sympathy, and cooperation among liberal Christians.
3. To publish and distribute books and tracts, inculcating correct views of religion, in such form and at such price as shall afford all an opportunity of being acquainted with Christian truth.
4. To supply missionaries, especially in such parts of our country as are destitute of a stated ministry.
5. To adopt whatever other measures may hereafter seem expedient—such as contributions in behalf of clergymen with insufficient salaries, or in aid of building churches.

### OFFICERS.

*President*—Hon. Carroll D. Wright, LL.D., Washington, D. C.

*Vice-Presidents*—Hon. Joseph W. Symonds, LL.D.,

Portland, Me.; Samuel Hoar, Concord, Mass.;

Hon. Dorman B. Eaton, LL.D., New York, N. Y.;

Hon. Daniel L. Shorey, Chicago, Ill.; Hon.

Horace Davis, San Francisco, Cal.; Hon. Thomas J. Morris, Baltimore, Md.

*Secretary*—Rev. Samuel A. Eliot, Cambridge, Mass.

*Assistant Secretary*—George W. Fox, Boston, Mass.

*Treasurer*—Francis H. Lincoln, Boston, Mass.

The annual meeting is held in Boston on the Tuesday before the last Wednesday in May—that is, Tuesday of Anniversary Week.

## Universalist General Convention.

THE Universalist General Convention has jurisdiction over the ecclesiastical organizations of the Universalist Church in the United States and Canadian provinces. It meets biennially, the next meeting being ordered for October, 1901. The Convention is composed of the presidents and secretaries of the State conventions, and of clerical and lay delegates from the State conventions. All laws relating to fellowship, ordination, and discipline originate in the General Convention, and it is the final court of appeal in all cases of dispute or difficulty between State conventions. It has funds to the amount of nearly \$300,000, the income of which, with the contributions of its constituency, is used for missionary and educational objects. The officers of the Convention are: *President*, Charles L. Hutchinson, Chicago, Ill.; *Vice-President*, Rev. I. M. Atwood, D.D., Canton, N. Y.; *Secretary*, Rev. G. L. Demarest, D. D., Manchester, N. H.; *Treasurer*, Frank W. Wise, Boston, Mass.

The Young People's Christian Union of the Universalist Church was organized October 22, 1889, "to foster the religious life among the young people, to stimulate to all worthy endeavor, to train the young in the work of the Universalist Church, in the promulgation of its truth, and the increase of its power and influence." It has 12,000 members, and its general officers and executive board are: *President*, H. M. Fowler, Cleveland, O.; *Secretary*, Rev. Alfred J. Cardall, 30 West Street, Boston, Mass.; *Treasurer*, Rev. Omer G. Petrie, Palmer, Mass.; Miss Jennie L. Ellis, Pawtucket, R. I.; Rev. Edward G. Mason, Hightstown, N. J.; Miss Cora A. Wilder, Victor, N. Y.; George F. Sears, Chicago, Ill.

## The Congregational National Council

is composed of delegates from Congregational churches, and was organized November 17, 1871. It meets once in three years, and the next triennial meeting will be held at Portland, Me., in October, 1901. The officers are: *Moderator*, Rev. Frederick A. Noble, of Illinois; *Secretary*, Rev. H. A. Hazen, D.D., of Auburndale, Mass.; *Treasurer*, Rev. S. B. Forbes, of Hartford, Ct.; *Registrar*, Rev. W. H. Moore, of Hartford, Ct.

## Reformed Church in America.\*

OFFICERS of the General Synod of the Reformed Church in America: *President*, Rev. George S. Bishop, D. D.; *Vice-President*, Rev. W. H. Van Arsdale, D. D.; *Stated Clerk*, Rev. William H. De Hart; *Permanent Clerk*, Rev. William H. Ten Eyck, D. D.

The Treasurers of the Church agencies are: Synod's board of direction, F. R. Van Nest; foreign missions, Peter Donald; domestic missions, John S. Bussing; education, R. N. Perlee; publication, Abraham C. Holdrum. The Corresponding Secretaries of the Boards are: Foreign missions, Rev. Henry N. Cobb, D. D.; domestic missions, Rev. Charles H. Pool, D. D.; education, Rev. G. H. Mandeville, D. D.; publication, Rev. Isaac W. Gowen. Denominational headquarters, 25 East Twenty-second Street, New York City.

\* Known formerly as the Reformed Dutch Church.

## Luther League of America.

*President*—E. F. Ellert, New York City. *General Secretary*—M. C. Olsen, Chicago, Ill. *Recording Secretary*—C. G. Grauer, Buffalo, N. Y. *Treasurer*—Cornelius Eckhardt, Washington, D. C.

The first National Convention of the Luther League of America was held at Pittsburgh, Pa., October 30 and 31, 1895. The League is a Lutheran organization, linking together the Lutheran young people who are laboring for the good of the Church by means of many individual societies of various names and styles of organization, each within its own immediate church. The constitution declares that its objects shall be "to encourage the formation of the young people's societies in all Lutheran congregations in America, to urge their affiliation with their respective State or Territorial leagues, and with this league to stimulate the various young people's societies to greater Christian activity and to foster the spirit of loyalty to the Church." The aggregate enrolled membership of the various local organizations represented in the national organization is over 70,000. These are comprised in twenty States, fourteen of which already have permanent State organizations. The first local organization adopting the title of "The Luther League" was organized by delegates of six Lutheran Church societies in the city of New York, April 19, 1888.

## Woman's Christian Temperance Union.

The following statement of the purposes of the society was prepared for THE WORLD ALMANAC by an officer of the Union:

The National W. C. T. U. was organized in Cleveland, Ohio, in 1874, and is the sober second thought of the great woman's crusade. It is now regularly organized in the forty-five States of the Union, and in every Territory. Its headquarters are in Chicago, Ill., where it has a Woman's Temperance Publishing House that sends out over 118,000,000 pages annually, and has seven editors and 110 employes. The Woman's National Temperance Hospital demonstrates the value of non-alcoholic medication. The Woman's Temperance Temple, costing over \$1,000,000, has been built in Chicago.

There are about 10,000 local unions, with a membership and following, including the children's societies, of about half a million. The W. C. T. U. has forty-four distinct departments of work, presided over by as many women experts, in the National Society, and in nearly every State. All the States in the Republic except two have laws requiring the study of scientific temperance in the public schools, and all these laws were secured by the W. C. T. U., also the laws forbidding the sale of tobacco to minors. Most industrial homes for girls were secured through the efforts of this society, as were the refuges for erring women. Laws raising the age of consent and providing for better protection for women and girls have been enacted by many Legislatures through the influence of the department for the promotion of social purity.

The World's W. C. T. U. was founded through the influence of the National Society in 1883, and already has auxiliaries in more than forty countries and provinces. The white ribbon is the badge of all the W. C. T. U. members, and is now a familiar emblem in every civilized country.

The headquarters of the National organization is The Temple, Chicago. The following are the officers: *President*, Mrs. Lillian M. N. Stevens, of Maine; *Vice-President-at-Large*, Miss Anna A. Gordon; *Corresponding Secretary*, Mrs. Susannah M. D. Fry; *Recording Secretary*, Mrs. Clara C. Hoffman.

## Society of St. Vincent de Paul.

THIS great Roman Catholic organization is engaged in the important work of caring for the Roman Catholic poor in the large cities of the United States. Its head is the Superior Council of the New York Circumscription, which has its office at No. 2 Lafayette Place. Local bodies, over which it has, in nearly all cases, jurisdiction, are known as Particular Councils.

The officers of the Superior Council are as follows: *Spiritual Director*, The Rt. Rev. Bishop John M. Farley, V. G.; *President*, Jeremiah Fitzpatrick; *Vice-Presidents*, Joseph A. Kernan and James E. Dougherty; *Secretary*, Thomas M. Mulry; *Treasurer*, Michael J. Scanlan. There are also twenty-two councilors. The principal work of the Particular Councils consists in visiting the poor and relieving them, procuring situations for deserving persons out of employment, and promoting attendance on the Sunday-schools of the Church. There are sixty-five councils in the city of New York.

## World's Ecumenical Missionary Conference.

A WORLD'S Ecumenical Missionary Conference will be held in the city of New York in the year 1900, possibly in the month of April. This Conference will be attended by representatives of Protestant missionary societies from all over the world. At the London Conference, the first of the kind to be held, 141 different missionary societies, representing almost as many different denominations of Protestant Christendom, were present. The United States and Canada furnished nearly 300 of the 1,500 delegates. This great missionary movement has as its chief supporter the American Board of Foreign Missions, the oldest of mission bodies in America. The purpose of the Conference is to arouse interest in foreign missions. Great Britain and America now do the bulk of this work.

## Christian and Missionary Alliance.

**OFFICERS:** *President and General Superintendent*, Rev. A. B. Simpson, 690 Eighth Avenue, New York; *Secretary*, A. E. Funk; *Treasurer*, David Crear; *Financial Secretary*, Mrs. A. B. Simpson.

The Christian Alliance was founded in 1887. It combined with the International Missionary Alliance in 1897, and the present title was adopted. Membership consists of all professing Christians who shall subscribe to the principles of the order and enroll their names. The objects of the Alliance are stated to be "Wide diffusion of the Gospel in its fulness, the promotion of a deeper and higher Christian life, and the work of evangelization, especially among the neglected classes, by highway missions and any other practicable methods." State auxiliary and local branches are being rapidly formed. Connected with the Alliance are the Missionary Training Institute, Institute for the Training of Home Workers, Berachah Home, and Berchah Orphanage. The headquarters of the Alliance are in New York, but its buildings are located at Nyack, N. Y.

## The Young People's Christian Union.

THE Young People's Christian Union of the United Brethren in Christ was organized June 5, 1890. It is a union of all forms of young people's societies within the Church, uniting them for the purpose of denominational direction. There are now in this Union 2,085 societies, of which 280 are junior societies. The total membership is \$3,890. A mission church has been built in Los Angeles, Cal., to which over \$7,000 has been paid. The Union is now building a church in Chicago. The principal officers are: *President*, Professor J. P. Landis, D.D., Ph.D., Dayton, Ohio; *Corresponding Secretary*, Rev. H. F. Shupe, Dayton, Ohio; *Recording Secretary*, Miss Lizzie Sheets, Vermillion, Ill.; *Treasurer*, E. Jay Rogers, Dayton, Ohio; *Junior Superintendent*, Rev. W. A. Dickson, Chambersburg, Pa. The fifth biennial convention will be held in Lebanon, Pa., June, 1900.

## The Zionist Movement.

THE Zionist Movement aims at the settlement of Jews in Palestine, and has for its leaders abroad Max Nordau, of Paris; Dr. Herzl, of Vienna, and Chief Rabbi Gaster, of London, and in this country Dr. Richard Gottlieb and Rabbi Wise, of New York. Some twenty-five colonies have already been settled in Paris from Southern and Eastern Europe, where anti-Semitic antagonism takes the form of persecution. A Jewish colonial bank has been founded in London with \$10,000,000 capital to promote the movement. The second International Zionist Convention was held at Basle, Switzerland, in August, 1899. The President of the Federation of American Zionists is Dr. Richard Gottlieb, and the Secretary is J. D. Morrison, New York.

## Young People's Society of Christian Endeavor.

The following statistics and statement of the purposes of the organization were prepared for THE WORLD ALMANAC by Mr. John Willis Baer, General Secretary of the United Society of Christian Endeavor:

**OFFICERS OF THE UNITED SOCIETY OF CHRISTIAN ENDEAVOR.**—Office, Tremont Temple, Boston, Mass. *President*, Rev. Francis E. Clark, D. D.; *Treasurer*, Wm. Shaw; *General Secretary*, John Willis Baer.

The first Society of Christian Endeavor was formed February 2, 1881, in the Williston Church, Portland, Me., by Rev. F. E. Clark pastor, for the purpose of training a large number of converts for the duties of church membership.

Each society is in some local church, and in no sense outside. It exists simply to make the young people loyal and efficient members of the Church of Christ. It is the Church training the young. Its motto is, "For Christ and the Church." In November, 1899, there were 56,280 societies, with a membership of 3,376,800, chiefly in the United States and Canada, and in Australia, Great Britain, China, India, Japan, and in all missionary lands. It is found in about the same proportions in all the great evangelical denominations and in all their subdivisions. Wherever it has been established longest it is most fully indorsed by pastors and churches.

Its essential features are the prayer-meeting pledge, honestly interpreted, the lookout, prayer-meeting, and social committees, and the consecration meeting. Other committees are optional, and the constitution is entirely flexible in other points according to the needs of the local church.

The United Society is simply the bureau of information for all the societies. It prints the literature, supports one general secretary, and is the general headquarters of the work. It levies no taxes, however, and assumes no authority, but every society manages its own affairs in its own way. It is supported by the sales of its literature, badges, etc. It is managed by a board of trustees, representing the great evangelical denominations, the President being Francis E. Clark, D. D. the founder of the society; General Secretary, John Willis Baer; Treasurer, William Shaw. The executive committee of the board of trustees meets quarterly to consult concerning the best interests of the society. The next international convention will be held in London, England, July 14-18, 1900.

The whole number of societies in the United States is 42,490; in the British Provinces, 3,526; in foreign countries, 10,264. Grand total, 56,280 societies, with an aggregate membership of 3,376,800.

## American Board of Commissioners for Foreign Missions.

The head office of the American Board of Commissioners for Foreign Missions is at the Congregational House, Beacon Street, Boston, Mass. There are two district offices, at the United Charities Building, Twenty-second Street and Fourth Avenue, New York City, Rev. C. C. Creegan, D. D., District Secretary, and at 153 La Salle Street, Chicago, Ill., Rev. A. N. Hitchcock, Ph. D., District Secretary. The following is a list of the officers of the Board elected at the last annual meeting: *President*, Samuel B. Capen, Esq., Boston, Mass.; *Vice-President*, D. Willis James, Esq., New York, N. Y.; *Prudential Committee*, E. B. Webb, D. D., Charles C. Burr, W. H. Davis, D. D., Albert H. Plumb, D. D., William P. Ellison, G. Henry Whitcomb, Elijah Horr, D. D., Col. C. A. Hopkins, Rev. William W. Jordan, Edward C. Moore, J. M. W. Hall, Samuel C. Darling; *Corresponding Secretaries*, Judson Smith, D. D., Charles H. Daniels, D. D., James L. Barton, D. D.; *Recording Secretary*, Henry A. Stimson, D. D.; *Assistant Recording Secretary*, Edward N. Packard, D. D.; *Treasurer*, Frank H. Wiggin; *Auditors*, E. H. Baker, E. R. Brown, Henry E. Cobb.

The American Board, which is the oldest foreign missionary society in the United States, was organized June 29, 1810. During the past eighty-nine years of its history it has sent out over 2,000 missionaries, of whom 539 are now in service. Into the nearly 500 churches which have been organized by these missionaries there have been received about 130,000 members. The total receipts from the beginning have been about \$27,000,000.

The mission fields now occupied by the Board are: Mexico; the Hawaiian and Micronesian Islands; Japan; North China, Shansi, in Northwestern China; Foo Chow and Hong Kong, in Southern China; Ceylon; Madura, in Southern India; the Marathi field of Western India; East Central Africa; Southern Africa; West Central Africa; European and Asiatic Turkey; Austria, and Spain.

The present statistics are: 20 missions, 1,417 stations and out-stations; 1,705 places for stated preaching, with average congregations of 85,771; 492 churches, with 49,782 members, of whom 5,047 were added during the last year; 133 higher schools, with 9,088 pupils; 1,137 common schools, with 43,920 pupils; total under instruction 58,699; missionaries and assistant missionaries, 529; native pastors, preachers, teachers, and other native assistants, 3,155; total missionary force, 3,680.

## Baptist Young People's Union of America.

THE Union represents the young people's societies connected with Baptist churches in all the States and Canada. The following are the international officers: *President*, John H. Chapman, Chicago, Ill.; *Vice-Presidents*, L. J. P. Bishop, New York, N. Y.; W. W. Gaines, Atlanta, Ga.; L. McNeill, Paisley, Ont.; *General Secretary*, Rev. E. E. Chivers, D. D., 324 Dearborn Street, Chicago, Ill.; *Recording Secretary*, Rev. H. W. Reed, La Crosse, Wis.; *Treasurer*, Frank Moody, Milwaukee, Wis. The Union was organized July 7 and 8, 1891. It holds annual meetings.

## United Society of Free Baptist Young People.

A GENERAL society representing the local societies of young people of the Free Baptist Denomination. The officers are as follows: *President*, E. P. Metcalf, Providence, R. I.; *Vice-President*, Miss Mary Ward, Hillsdale, Mich.; *Recording Secretary*, Miss Agnes H. Collins, South Danville, N. H.; *General Secretary*, Harry S. Myers, Hillsdale, Mich.; *General Treasurer*, Rev. Arthur Given, D. D. Auburn, R. I.; *Junior Superintendent*, Mrs. Harry S. Myers, Hillsdale, Mich.; *Council*, Rev. E. B. Stiles, Adamsville, R. I.; Rev. T. J. Mawhorth, Wawaka, Ind.; Miss Lora A. Marsh, Mason, Mich.; Rev. A. R. Paull, Whitman, Mass.; Rev. J. H. Wolfe, Adams, Neb.; Miss Minnie Leigh, Winnebago City, Minn.; Rev. G. A. Jackson, Hillsdale, Mich.; Miss Anna Fite, Marion, O., and Mr. C. H. Woodworth, Buffalo, N. Y.

## Young Men's Christian Associations.

**OFFICERS OF THE INTERNATIONAL COMMITTEE.**—Office, No. 3 West Twenty-ninth Street, New York. *Chairman*, Lucien C. Warner; *Treasurer*, Frederick B. Schenck; *General Secretary*, Richard C. Morse. *Board of Trustees*—*Treasurer*, John S. Bussing, New York City. The International Committee is the general executive of the Associations of North America. It consists of 45 representative Christian laymen, and employs a force of 45 secretaries.

**OFFICERS OF THE CENTRAL INTERNATIONAL COMMITTEE.**—Headquarters, No. 3 Général Dufour, Geneva, Switzerland. *Chairman*, Edouard Barde; *Secretary*, Ernest Favre; *Treasurer*, Henry Fatio; *General Secretaries*, Charles Fermaud and Christian Phildius. The committee is composed of members representing America, Australia, Austria-Hungary, Belgium, Denmark, England, France, Germany, Italy, Netherlands, Norway, Russia, Spain, Sweden, Switzerland, Japan, and India.

**OFFICERS OF THE STATE EXECUTIVE COMMITTEE OF NEW YORK.**—General office, No. 5 West Twenty-ninth Street, New York. *Chairman*, Edmund P. Platt; *Treasurer*, Harris H. Hayden; *General Secretaries*, Fred. S. Goodman and George A. Hall; *Office Secretary*, F. F. Calyer. This committee was incorporated under the laws of New York, April 14, 1886, having for its object "the establishing and assisting Young Men's Christian Associations, and generally to provide for the spiritual, intellectual, physical, and social well-being of young men in accordance with the aims and methods of Young Men's Christian Associations of the State of New York." The membership in the State is 38,626, divided as follows: General, 21,724; Railroad, 8,547; College, 2,283; French and German, 771; Boys' Departments, 3,949; "Sections," 581. A biennial meeting of the State Association, comprising the 145 Associations and 20 "Sections" in the State, is held in February.

**OFFICERS OF THE YOUNG MEN'S CHRISTIAN ASSOCIATION OF THE CITY OF NEW YORK.**—General office, No. 3 West Twenty-ninth Street, New York. *President*, Cleveland H. Dodge; *Treasurer*, Samuel Sloan, Jr.; *General Secretary*, Henry M. Orne.

There are 5,075 associations in the world, of which 1,429 are in North America. The total membership of these American associations is 223,568; they occupy 344 buildings of their own, valued at \$19,847,930, and have a total net property of \$19,341,272, including 656 libraries, containing 474,685 volumes. They employ 1,275 general secretaries and other paid officials, and expended last year for current expenses—local, State, and international—\$2,779,733.

## Young Women's Christian Associations.

THE work of the associations among women is fourfold: Physical—Systematic training in the gymnasium, health talks, holiday excursions, and outing clubs. Social—Receptions and socials in home-like rooms, musical and literary entertainments, helpful companionships, noon rest, lunch-rooms, boarding clubs, employment bureaus. Intellectual—Libraries and reading-rooms, educational classes, lecture courses, concerts, library, musical, and art clubs. Spiritual—Bible training classes, evangelistic meetings, personal work, Gospel meetings.

General statistics: Number of associations in Great Britain, 1,340; United States (Associations connected with the International Committee), 377; France, 270; Germany, 400; Denmark, 400; Sweden, 42; Norway, 16; Italy, 17; India, 65; Australasia, 46; Canada, 15; South Africa, 7. Membership of American associations, 35,000.

The International Association was formed in 1886. General office, 1004 Champlain Building, 126 State Street, Chicago, Ill. *Mrs. H. C. Tillman*, *Chairman*; *Mrs. C. M. Howe*, *Vice-Chairman*.

The World's Y. W. C. A. was founded in 1893. General office, 26 George Street, Hanover Square, London. *Miss Annie M. Reynolds*, *Secretary*. Twenty-one States have organized State associations. Each State holds an annual convention. The international convention occurs biennially. Each year three Summer schools are held for the training of young women in Secretarial and Bible work. *The Evangel*, the official organ of the associations, is published monthly at Chicago, Ill. The second week of October is observed as a day of prayer for young women. A special department is maintained for young women of colleges, and through this department the student volunteer movement is connected with the association work.

## American Bible Society.

THE American Bible Society was founded in 1816. It is a charitable institution, whose sole object is to encourage a wider circulation of the Scriptures without note or comment. It invites the contribution and cooperation of "all who accept the Bible as their rule of life and believe that every human being is entitled to know what it teaches concerning truth and duty." The President is the Hon. Enoch L. Fancher, of New York, and there are twenty-six vice-presidents, headed by the Hon. J. L. Chamberlain, Maine. Among the others are General O. O. Howard, Vt.; Cortlandt Parker, N. J.; Hon. Frank M. Cockrell, Mo.; Hon. John W. Foster, D. C.; T. A. Brouwer, N. Y.; Cyrus Northrop, Minn.; James H. Carlisle, S. C.; Hon. Howard Van Epps, Ga.; James H. Taft, N. Y.; Annis Merrill, Cal.; Hon. W. P. Dillingham, Vt.; Hon. David J. Brewer, D. C.; Hon. James A. Beaver, Pa.; D. C. Gilman, Md.; and Hon. Benj. Harrison, Ind. There are thirty-six managers, divided into four classes as to terms of office. The Secretaries are: Rev. E. W. Gilman D. D., Rev. John Fox, D. D., and Rev. W. I. Haven, D. D. The Treasurer is William Foulke. The issues for the year 1898-99 were 1,350,892 copies, and for the eighty-three years of the existence of the Society 65,962,505 copies. This includes Bibles in many foreign tongues, and the languages of several American Indian tribes. (The British and Foreign Bible Society, established in 1804, has distributed to date 160,009,393 copies.) The offices of the Society are at the Bible House, Eighth Street, New York.

## American Tract Society.

THIS Society was founded in 1825. During seventy-four years it has been publishing books and tracts representing the best Christian literature approved by all Evangelical Christians. Its total issues at home, in twenty languages, number 475,758,587 copies. It has helped Foreign Missions, in one hundred languages, to many millions of copies. Its colporteurs have visited 14,861,008 families. Offices, 150 Nassau Street, New York. *President*, General O. O. Howard; *Secretaries*, William W. Rand, D. D., and George L. Shearer, D. D.

## International Order of the King's Daughters and Sons.

The following information about this organization was corrected for THE WORLD ALMANAC by the Corresponding Secretary, Mrs. Isabella Charles Davis:

OFFICERS OF THE CENTRAL COUNCIL.—Office, No. 156 Fifth Avenue, New York City *President*, Mrs. F. Bottome; *Vice-President*, Miss Kate Bond; *General Secretary*, Mrs. Mary Lowe Dickinson; *Treasurer*, Mrs. J. C. Davis; *Recording Secretary*, Mrs. Robert Sturjiss; *Corresponding Secretary*, Mrs. Isabella Charles Davis.

The Order of The King's Daughters and Sons is a religious order of service, composed of thousands of small circles of men, women, and children united in one great organization, that is estimated now to number over half a million members. It is an inter-denominational order, and its members may be found in all churches and in almost all nations. It was founded by ten women in New York City, and has spread over every State in the Union, and has its representatives in Canada, England, Ireland, Scotland, France, Italy, Germany, India, China, Japan, Turkey in Europe and in Asia, Australia, New Zealand, and other countries. Its members are bound individually and collectively to serve the needy and the suffering, to consider the poor, and to be helpful in good work. Each individual circle may choose its own field of labor, but cannot escape the obligations of service.

The badge is a small cross of silver, bearing the letters I. H. N. on one side and the date 1836 on the other, often worn with a knot of purple ribbon. The Order is an incorporated society, of which this little cross is the seal. Its headquarters are at No. 156 Fifth Avenue, New York City.

Its original circle of ten women, to which have been made some additions, forms now the Central Council or Executive Board of the Order. The officers of the International Order are members of this Council. The first meeting of the original circle was held in New York City on January 13, 1836. It is now fourteen years old, and it ranks among the strongest and most useful societies of the world. It issues a weekly magazine called *The Silver Cross*, which is most helpful to the members of the Order, and takes a high rank among the religious and philanthropic periodicals of the country.

## The Daughters of the King.

THE Order of the Daughters of the King was organized on Easter Evening, 1835. It is desired by its promoters that a careful distinction shall be made between the Daughters of the King and The King's Daughters. This is the older society, and differs from The King's Daughters in many important particulars. In the first place, it is more of an order than a society, and is distinctively Episcopal. Its work is definite, and is "for the spread of Christ's kingdom among young women," and the "active support of the rector's plans in the parish in which the particular chapter may be located." Its badge is a cross of silver, a Greek cross fleury, and its mottoes are "Magnanimiter Crucem Sustine" and "For His Sake." Its colors are white and blue—white, the old royal color of Israel, and blue, the color of the Virgin Mary, the "blessed daughter of Israel's King, the Mother of the King of Kings." Its constitution is framed, as far as is possible, in the terms of that of the Brotherhood of St. Andrew, the work of the two organizations being similar. The officers of the Council are: *President*, Mrs. E. A. Bradley; *Vice-President*, Mrs. E. J. Warner; *Secretary*, Miss Elizabeth L. Ryerson; *Treasurer*, Mrs. John H. Kahrs. Office of the Council, Church Missions House, 281 Fourth Avenue, New York.

## The Brotherhood of St. Andrew.

THE following was prepared for THE WORLD ALMANAC by Mr. John W. Wood, General Secretary: The Brotherhood of St. Andrew is an organization of men in the Protestant Episcopal Church. Its sole object is the spread of Christ's kingdom among men. It works under two rules, known as (1) The Rule of Prayer: To pray daily for the spread of Christ's kingdom among men, and that Christ's blessing may be upon the labors of the Brotherhood, and (2) The Rule of Service: To make an earnest effort each week to bring at least one man within the hearing of the Gospel of Jesus Christ.

The Brotherhood started in St. James' Church, Chicago, on St. Andrew's Day, 1833. It takes its name from the Apostle who, when he had found the Messiah, first found his own brother Simon and brought him to Jesus. This Brotherhood in St. James' parish was started simply as a parochial organization, with no thought of its extending beyond the limits of the parish. Its work, however, was so successful in bringing men to church that attention was called to it, and other Brotherhoods, having the same objects and the same rules, were formed in other parishes in Chicago and in different parts of the country. In 1836 there were about thirty-five of these separate Brotherhoods. It then was proposed to form them into one general Church organization. This was done in 1836. Since that time the Brotherhood has gone on growing, and at present has spread to all parts of the United States. There are now twelve hundred and twenty active chapters, with a membership of about thirteen thousand men. The Brotherhood idea has also taken root in Canada, and the Brotherhood of St. Andrew in the Church of England in the Dominion of Canada has been formed, with one hundred and eighty chapters and two thousand men. A similar organization has been formed in the Scottish Episcopal Church. Forty chapters have also been formed in Australia, and have been organized into a Brotherhood of St. Andrew in the Church of England in Australia. June 12, 1896, the Brotherhood of St. Andrew in the Church of England was formed.

The officers for 1899-1900 are: *President*, James L. Houghteling, 164 Dearborn Street, Chicago; *General Secretary*, John W. Wood, 281 Fourth Avenue, New York; *Treasurer*, John P. Faure, 281 Fourth Avenue, New York; *Editor of St. Andrew's Cross*, John W. Wood, 281 Fourth Avenue. The General Secretary will furnish information and literature to any one who may be interested in the work.

## The Brotherhood of Andrew and Philip.

This organization, founded in 1838, held its first federal convention in the city of New York in 1893. It is composed of members of twenty-one evangelical denominations—the Reformed Church in America, the Reformed Church in the United States, the Congregational, Presbyterian (North, South, Canadian, and United), Methodist Episcopal, Methodist Protestant, Baptist, United Brethren, Lutheran, Reformed Episcopal, Church of Christ, Progressive Brethren, Friends, United Evangelical, Free Baptist, Federal, African Methodist Episcopal, and Evangelical Association. Its objects are embodied in the statement that "Any man can belong to the Brotherhood who will promise to pray daily for the spread of the kingdom of Christ among men, and to make an earnest effort each week to bring at least one man within the hearing of the Gospel." The number of chapters of the Brotherhood in the United States is 500, and the membership 15,000 in 35 States. The Rev. Dr. Rufus W. Miller, the founder, Reading, Pa., is President of the Federal Council, and Rev. C. E. Wyckoff, Irvington, N. J., General Secretary and Treasurer. *The Brotherhood Star*, the organ of this order, is published monthly at 25 East Twenty-second Street, New York City.

## The Epworth League.

THE following statistics and statement of the purposes of the organization were prepared for THE WORLD ALMANAC by Rev. Edwin A. Schell, General Secretary of the Epworth League:

**OFFICERS OF THE EPWORTH LEAGUE.**—*President*, Bishop William X. Ninde, Detroit, Mich.; *Vice-Presidents*: Department of Spiritual Work, Rev. W. I. Haven, Bible House, New York City; Department of Mercy and Help, Rev. E. M. Mills, D. D., Elmira, N. Y.; Department of Literary Work, R. R. Doherty, Ph. D., 150 Fifth Avenue, New York City; Department of Social Work, John A. Patten, Chattanooga, Tenn.; *General Secretary*, Rev. Edwin A. Schell, 57 Washington Street, Chicago, Ill.; *General Treasurer*, Chas. E. Piper, 1601 Masonic Temple, Chicago, Ill. The Central Office of the Epworth League is located at 57 Washington Street, Chicago, Ill.

The Epworth League was formed in May, 1889, by the union of five societies then existing in the Methodist Episcopal Church, which had under their united jurisdiction about 1,500 local societies, or "chapters," and about 6,000 members. On October 1, 1899, the Epworth League in the Methodist Episcopal Church numbered 26,700 chapters, with a membership of 1,900,000.

Its purpose is to promote intelligent and loyal piety in the young members and friends of the church, to aid them in religious development, and to train them in the works of mercy and help. Its constitution provides for development along social, intellectual, and religious lines. Its essential features are the weekly prayer-meeting, the "intellectual" and "mercy and help" departments, and its harmony with the officary of the church. There are no salaried officers, except the General Secretary

## The Epworth League of the M. E. Church, South.

*President*—Bishop W. A. Candler, Oxford, Ga. *First Vice-President*—Rev. J. W. Newman, Birmingham, Ala. *Second Vice-President*—Rev. W. T. McClure, Independence, Mo. *Third Vice-President*—Rev. J. M. Barcus, Temple, Tex. *Treasurer*—O. W. Patton, Nashville, Tenn. *General Secretary and Editor Epworth Era*—Rev. H. M. DuBose, D. D., Nashville, Tenn. *Assistant General Secretary*—Mr. Gus. W. Thomasson, Nashville, Tenn. The League sprang from a movement inaugurated by the pastor of Trinity Church, at Los Angeles, Cal., in the year 1889. The League was authorized by the General Conference of the Methodist Episcopal Church, South, at St. Louis in 1890. The first League was organized at the First Church, Memphis, Tenn., January, 1891. At the General Conference in May, 1894, the central office of the League was established at Nashville, Tenn. Five thousand and thirty-one chapters have been chartered, and the total membership is 271,445. Texas leads with a membership of 26,000.

## White Cross Society.

THE principal purposes of this organization are: (1) To urge upon men the obligation of personal purity; (2) to raise the tone of public opinion upon the subject of morality; (3) to secure proper legislation in connection with morality—one law only for men and women.

The White Cross movement was begun publicly February 14, 1883, at Bishop-Auckland, England, by the Bishop of Durham. The work was taken up in this country by the Rev. B. F. De Costa, D. D., Rector of the Church of St. John the Evangelist, New York City, aided by his young men, during the Winter of 1883-84. It has now spread throughout the United States and Canada.

The platform of the White Cross is as follows:

"The member promises by the 'help of God' (1) to treat all women with respect, and endeavor to protect them from wrong and degradation; (2) to endeavor to put down all indecent language and coarse jests; (3) to maintain the law of purity as equally binding upon men and women; (4) to endeavor to spread these principles among my companions, and to try and help my younger brothers; (5) to use every possible means to fulfil the command, 'Keep THYSELF pure.'"

The officers are: *President*, Rev. A. B. Howard, 224 Waverley Place, New York; *Secretary*, Alfred Fenney, 224 Waverley Place, New York. The Central White Cross Committee, representing the Protestant Episcopal Church at large, is composed of the Bishops of Chicago, New York, Minnesota, Central New York, and Pittsburgh, Rev. Drs. Morgan Dix, J. H. Eccleston, and D. Parker Morgan, with E. P. Dutton, of New York. The Assistant Secretary is Rev. W. W. Steel, 3916 Locust Street, Philadelphia, Pa., and the Treasurer E. P. Dutton.

## National Spiritualists' Association.

THE following statement was furnished THE WORLD ALMANAC by President H. D. Barrett:

The National Spiritualists' Association of the United States and Dominion of Canada was organized September 29, 1893, in Chicago, Ill., and incorporated November 1, 1893, under the laws of the District of Columbia, where its permanent headquarters were established. Its objects are: "The organization of the various Spiritualist societies of the United States and Canada into one general association, for the purpose of mutual aid and cooperation in benevolent, charitable, educational, literary, musical, scientific, religious, and missionary purposes, and enterprises germane to the phenomena, science, philosophy, and religion of Spiritualism." There are 650 local associations of Spiritualists in the United States and Canada, 16 State associations, and 52 camp-meeting associations devoted to the interests of Spiritualism. The bona fide membership of these associations is 150,000, while the total number of Spiritualists in the United States and Canada is 1,500,000. Three hundred and fifty lecturers, ministers, and platform mediums are now actively engaged in promulgating the doctrines of Spiritualism. The number of psychics now before the public for various phases of phenomenal manifestations is 1,500, while some 10,000 persons utilize their mediumistic gifts in their homes. The Spiritualists have 82 churches, temples, auditoriums, etc., in the United States. The valuation of their public buildings, camp-meeting property, and real estate is \$1,250,000. The membership of the National Spiritualists' Association consists of Spiritualist societies only. Ten regular periodicals, weeklies, and monthlies are published in the interests of Spiritualism.

The officers for the year ending October 19, 1900, are as follows: *President*, Harrison D. Barrett, Needham, Mass.; *Vice-President*, Hon. Harvey W. Richardson, East Aurora, N. Y.; *Secretary*, Mrs. Mary T. Longley, Washington, D. C.; *Treasurer*, Theodore J. Mayer, Washington, D. C.; *Trustees*, Hon. David P. Dewey, Grand Blanc, Mich.; Ilttyd C. I. Evans, Washington, D. C.; Alonzo Thompson, Fullerton, Neb.; Clarence D. Pruden, Minneapolis, Minn.; Hon. Eber W. Bond, Willoughby, O. The permanent headquarters of the Association are located at 600 Pennsylvania Avenue, S. E., Washington, D. C. The eighth annual convention will be held in Cleveland, O., October 16, 17, 18, and 19, 1900.



## The Salvation Army.

THIS is a body of men and women organized in the form of a military force, its object being the evangelization of the unchurched masses. It has its International Headquarters at 101 Queen Victoria Street, London, E. C., England, and the headquarters for the United States at 120 West Fourteenth Street, New York City. Its officers are: General, chief-of-staff, commissioner, or commander, colonel, brigadier, major, staff captain, adjutant, ensign, captain, and lieutenant.

The Salvation Army, known originally as the Christian Mission, was created at Mile End, London, July 5, 1865, by the Rev. William Booth, a minister of the "Methodist New Connection." The present name was adopted in 1878. At first treated with a good deal of derision and occasionally with violence from the classes among which it worked, its earnestness and remarkable achievements have gradually won the respect and encouragement of many of the most prominent divines and laymen of the evangelical denominations.

At the present time there are 15,300 officers, composed of men and women whose lives are entirely given to the work; 6,229 corps or societies operating in thirty-eight countries and colonies in thirty-four languages. There are some 2,500,000 meetings held annually out doors and in. The number of periodicals printed or published is forty-four, with a combined weekly circulation of over a million. The annual rental roll is over \$1,000,000. The amount of property owned by this organization now exceeds \$4,000,000, and the annual income is \$3,645,000. The United States Division of the Salvation Army has to-day 2,577 officers, 694 corps or societies, 21 slum posts, 14 rescue homes, with accommodation for 350 fallen women; 75 food and shelter depots, furnishing 27,000 meals monthly, and providing nightly beds for 4,664 of the homeless poor; 5 working-women's hotels, with accommodation for 128 women; 5 salvage brigades for collecting household waste, together with 7 wood and coal yards, furnishing temporary work for 337 unemployed men; 5 farms, and 2 children's homes. The organization also has in the United States cavalry brigades, out-riders' circuits, maternity homes, labor bureaus, women's shelters, and an inquiry department, which looks up missing friends and relatives. Altogether there are 156 social institutions for the poor, under the charge of 325 officers and employes, accommodating 5,622 persons.

William Booth is the general and commander-in-chief of the forces throughout the world. His headquarters are at London. The United States commanders are Commander and Consul Booth-Tucker.

The army numbers, according to the last reports, 1,338 corps and 4,306 officers in Great Britain; 831 corps and 1,527 officers in Australia, and 735 corps and 2,709 officers in the United States. The organization extends to nearly all the countries of the world.

## The Volunteers of America.

THE commander-in-chief is Ballington Booth. The headquarters are at No. 1 Fourth Avenue, nearly opposite Cooper Institute, New York City. The following statement has been prepared for THE WORLD ALMANAC in the office of the commander-in-chief:

The Volunteers of America is a religious organization, inaugurated in March, 1896, by Commander and Mrs. Ballington Booth in response to numerous requests on the part of American citizens. It is organized in true military style, having as its model the United States Army, but in conjunction with military discipline and methods of work it possesses a thoroughly democratic form of government, having as its ideal the Constitution of the United States of America. Its adherence to American principles has been further signalized by the movement having been incorporated. The object of the Volunteers is to reach with the Gospel of the Lord Jesus Christ the millions of this and other countries which hitherto have been unreached by any existing religious organization. The fact is recognized that these untouched masses pervade every section of society, and while those of the lowliest walks of life—the poor, the vicious, the criminal, the drunkard, and others—will always be the objects of the tenderest solicitude of Volunteers, the teeming thousands of the middle class and the sinful and Godless in even aristocratic circles will also be confronted with the eternal truths of Divine revelation and the glorious Gospel of full salvation.

When it is remembered that this organization has not had the advantage of time in which to augment its forces and attain its present dimensions—being only inaugurated on March 9, 1896—not yet (December 1, 1899) four years old; that its growth has been during a distracting war and in the midst of political and financial agitation, its friends think they may lay claim to a rise and progress phenomenal in Christian history in this country. There are at the present time eight regiments of sixteen battalions; 150 staff officers in positions of responsibility. The Volunteers are established in some 150 cities and towns. During 1899 over \$80,000 was raised by posts, 2,611,647 persons were attracted to the open-air service, while 1,937,347 persons attended indoor service.

The Volunteers will seek to cooperate with all the existing Evangelical Churches and religious organizations. To this end the commander-in-chief was ordained a "Presbyter of the Church of God in General." The Sacrament of the Holy Communion will be administered in the Volunteers' meetings by the commander-in-chief and properly qualified and ordained staff officers at least once a month. The Sacrament of Baptism is also recognized, but its observance is left perfectly optional to every individual Volunteer. There is a prison branch of the Volunteers, which has influenced 7,000 prisoners for good living.

## The Latter-Day Saints.

THE MORMONS, or Church of Jesus Christ of Latter-Day Saints, were organized April 6, 1830, with six members, by Joseph Smith, at Fayette, Seneca County, N. Y. After being driven by mobs from various places in Missouri, Ohio, and Illinois, they settled at Great Salt Lake, Utah, under the leadership of Brigham Young, in 1847. He was the first President, and was succeeded on his death in 1877 by John Taylor, who was succeeded in 1887 by Wilford Woodruff, who died in 1889. The present President is Franklin D. Richards, and he and Brigham Young, Francis M. Lyman, John Henry Smith, George Teasdale, Heber J. Grant, John W. Taylor, Marriner W. Merrill, Anthon H. Lund, Matthias F. Cowley, Abraham O. Woodruff, and Rudger Clawson constitute the Apostolic Quorum. The total Church membership is 300,000, and the number of Elders 1,700.

The Reorganized Church of Jesus Christ of Latter-Day Saints is a separate body, having its headquarters at Lamoni, Iowa. It was organized in 1851, and is presided over by Joseph Smith, son of the Propnet. Its enrolled membership is 40,639, and it has 2,200 active ministers.

The tenets of these two bodies of Mormons were printed in THE WORLD ALMANAC for 1897, page 329.

## Society of Colonial Wars.

*Governor-General*—Frederic J. De Peyster, New York. *Deputy Governors-General*—Howland Pell, for New York; R. M. Cadwalader, for Pennsylvania; Gen. Joseph L. Brent, for Maryland; A. J. C. Sowden, for Massachusetts; C. F. T. Beale, for the District of Columbia; George S. Wylie, for New Jersey; F. J. Kingsbury, for Connecticut; E. A. Chittenden, for Vermont; J. L. Lombard, for Illinois; Henry O. Kent, for New Hampshire; R. T. W. Duke, Jr., for Virginia; C. H. Sampson, for Missouri; E. M. Wood, for Ohio; J. Sterling Morton, for Nebraska; H. P. Upham, for Minnesota; Daniel L. Gooch, for Kentucky; S. R. Thorpe, for California; A. S. Dwight, for Colorado; Col. Philip Read, U. S. A., for Wisconsin; Gov. Elisha Dyer, for Rhode Island; J. A. Carson, for Georgia; T. H. Newberry, for Michigan; H. A. Dupont, for Delaware; J. Kennedy Stout, for Washington; J. M. Glidden, for Maine. *Secretary-General*—Walter L. Suydam, 45 William Street, New York. *Deputy Secretary-General*—Gen. Howard R. Bayne, New York. *Treasurer-General*—Edward Shippen, Philadelphia. *Registrar-General*—George Norbury Mackenzie, Baltimore. *Historian-General*—T. J. O. Rhineland, New York. *Chaplain-General*—C. Ellis Stevens, Philadelphia.

The Society of Colonial Wars was instituted in 1892 to "perpetuate the memory of these events and of the men who, in military, naval, and civil positions of high trust and responsibility, by their acts or counsel assisted in the establishment, defence, and preservation of the American Colonies, and were in truth the founders of the nation. With this end in view it seeks to collect and preserve manuscripts, rolls, and records; to provide suitable commemorations or memorials relating to the American Colonial period, and to inspire in its members the paternal and patriotic spirit of their forefathers, and in the community respect and reverence for those whose public services made our freedom and unity possible." Eligibility is confined to an adult male descendant of an ancestor who fought in battle under Colonial authority, from the settlement of Jamestown, Va., in 1607, to the battle of Lexington, in 1775, or who served as Governor, Deputy-Governor, Lieutenant-Governor, Member of the Council, or as a military, naval, or marine officer in the service of the Colonies, or under the banner of Great Britain, or was conspicuous in military, official, or legislative life during that period.

## Order of Founders and Patriots of America.

*Governor-General*—Gen. Stewart L. Woodford. *Deputy Governor-General*—William Armstrong Halsey. *Secretary-General*—Charles Mather Glazier. *Treasurer-General*—Charles Wurts Sparhawk. *Attorney-General*—William Raymond Weeks. *Registrar-General*—Edward Haganam Hall. *Historian-General*—George Rogers Howell. *Chaplain-General*—Rev. John Gaylord Davenport, D. D. *Counselors-General*—Edward Payson Cong, Major Francis Lovell Hills, Hon. James Jerome Belden, Edward Pliny Chapin, Capt. Christopher C. Wolcott, U. S. N., Hon. Lucius Eugene Chittenden, Edward Lang Perkins, Theodore Melvin Banta, George Clinton Miller. The Order was founded in 1896, and was incorporated March 18, the object stated in the articles of incorporation being "to bring together and associate congenial men whose ancestors struggled together for life and liberty, home and happiness, in the land when it was a new and unknown country, and whose line of descent from them comes through patriots who sustained the Colonies in the struggle for independence in the Revolutionary War; to teach reverent regard for the names and history, character and perseverance, deeds and heroism, of the founders of this country and their patriot descendants; to teach that the purpose of the founders could have had no lasting result but for their patriot sons; to inculcate patriotism; to discover, collect, and preserve records, documents, manuscripts, monuments, and history relating to the first colonists and their ancestors and their descendants, and to commemorate and celebrate events in the history of the Colonies and the Republic."

## The Settlers and Defenders of America.

A NEW hereditary-patriotic order, incorporated in 1899, but whose organization is yet incomplete. The incorporators are Walter S. Carter, Robert D. Benedict, Ralph E. Prime, William De Hertburn, Washington, William B. Davenport, S. Victor Constant, Robert Endicott, Henry Melville, Edward F. Dwight, P. Tecumseh Sherman, Everett V. Abbot, Rodney S. Dennis, and Grenville E. Winthrop. Its objects are: "To stimulate genealogical, biographical, and historical research, to publish patriotic manuscripts and records, to collect colonial and revolutionary relics, to preserve traditions, to mark patriotic graves, to locate and protect historic sites, to erect tablets and monuments, to aid in founding and erecting libraries, museums, and memorial buildings; and in all other fitting ways, through broad fellowship and co-operation, to perpetuate the memory of the Settlers and Defenders of the nation, and to exemplify and teach in all later generations their spirit of wise patriotism, to the end that we may loyally advance the purpose for which they struggled."

To be eligible, a person must be eighteen years of age, and have lineally descended (1) from a settler in one of the thirteen original Colonies, during the first thirty-three years of its settlement; (2) from one who is also lineally descended from an ancestor who, between May 13, 1607, and April 19, 1775, inclusive, rendered civil or military service in the general government of such colony; and (3) who is likewise lineally descended from an ancestor who, between April 19, 1775, and September 13, 1783, inclusive, rendered actual service to the cause of American Independence, either as a military or naval officer, soldier, seaman, privateer, militia, or minute man, associator, signer of the Declaration of Independence, member of a Continental, Provincial, or Colonial Congress, or Colonial or State Legislature, or as a recognized patriot who performed or actually counselled or abetted acts of resistance to the authority of Great Britain; but no claim of eligibility through descent from a settler or from an ancestor who rendered colonial service to be valid unless the descendants of such ancestor in the line of descent of the applicant were patriots in the War of the Revolution. Women are eligible to admission, and junior chapters of the order are to be established.

## Aztec Club of 1847.

*President*—Gen. Egbert L. Viele, New York City. *Vice-President*—Col. John Campbell, U. S. A., Cold Spring, N. Y. *Secretary*—Macrae Sykes, Kingsbridge, New York City. *Treasurer*—Col. De Lancey Floyd-Jones, U. S. A., Union Club, New York City.

This society, originally composed of officers of the United States armies who served in the war with Mexico, was formed in the City of Mexico in 1847, "with a view to cherish the memories and keep alive the traditions that cluster about the names of those officers who took part in the Mexican War." Membership is confined to officers of the army, navy, and marine corps who served in the war or their blood relatives. Each primary member may nominate as his successor his son or a blood relative, who during the life of the primary member is known as associate-member, and on the death of the former is entitled, as his representative, to full membership. There are 240 members.

## Society of Mayflower Descendants.

THE Society of Mayflower Descendants was organized in the city of New York December 22, 1894, by lineal descendants of the Mayflower pilgrims, "to preserve their memory, their records, their history, and all facts relating to them, their ancestors, and their posterity." Every lineal descendant over eighteen years of age, male or female, of any passenger of the voyage of the Mayflower, which terminated at Plymouth, Massachusetts, December, 1620, including all signers of "The Compact," are eligible to membership. The initiation fee is ten dollars and the annual dues are five dollars. The annual meeting is held November 22, the anniversary of the signing of "The Compact." Societies are organized in New York, Massachusetts, Pennsylvania, Connecticut, Ohio, Illinois, and the District of Columbia, with a membership of 2,000. These societies have formed a national organization. The officers of the New York Society are as follows: *Governor*, Henry E. Howland; *Deputy Governor*, John T. Terry; *Captain*, Col. J. J. Slocum; *Elder*, Rev. Roderick Terry, D. D.; *Secretary*, Edward W. Dewey, 52 Broadway; *Treasurer*, W. M. Grinnell, New York; *Historian*, R. H. Greene, New York.

## The Huguenot Society of America.

THIS Society was organized April 12, 1883, and has its office in New York at No. 105 East Twenty-second Street. *President*, Frederic J. De Peyster; *Vice-Presidents*, William Jay, Rev. Lea Luquer, Henry M. Lester, A. T. Clearwater, Nathaniel Thayer, and Richard Olney, of Boston; William Ely, Prof. D. D. Demarest, of New Jersey; C. M. Du Puy, Col. R. L. Maury, of Richmond, Va., and B. K. Neufville, of Charleston, S. C.; *Treasurer*, George S. Bowdoin; *Secretary*, Mrs. James M. Lawton. Descent from Huguenot ancestors is the qualification necessary for membership.

## Irish National Federation of America.

To aid the Home Rule movement in Ireland by constitutional methods and parliamentary agitation. *President*—Dr. Thomas Addis Emmet. *Secretary*—Joseph P. Ryan. *Treasurer*—John D. Crimmins. Headquarters, No. 47 West Forty-second Street.

## The American-Irish Historical Society.

*President-General*—Hon. Thomas J. Gargan, Boston, Mass. *Vice-President-General*—Hon. John D. Crimmins, New York City. *Secretary-General*—Thomas Hamilton Murray, 77 Main Street, Woonsocket, R. I. *Treasurer-General*—Hon. John C. Linehan, Concord, N. H. *Librarian and Archivist*—Thomas B. Lawler, New York City. There is also an executive council and a vice-president for each State.

The Society was organized at Boston, Mass., January 20, 1897, for the special study of the Irish element in the composition of the American people; to investigate and record the influence of this element in the upbuilding of the nation, and to collect and publish facts relating to and illustrating that influence. The Society draws no creed lines, and is non-political. Being an American organization in spirit and principle, it greets and welcomes to its ranks Americans of whatever race descent and of whatever creed who take an interest in the special line of work for which the Society is organized. It at present includes Roman Catholics, Protestant Episcopalians, Methodists, Presbyterians, Unitarians, and members of other denominations. The membership roll contains the names of gentlemen of the seventh, eighth, and ninth American generations. The membership is about 1,200. The society issues an annual bound volume called the "Journal." The annual meeting is held in New York City.

## The Scotch-Irish Society of America.

THIS Society was organized in May, 1889, when the first Scotch-Irish Congress was held at Columbia, Tenn. It is composed of the people of Scotch-Irish descent, residents of the United States and Canada. Its purpose is declared to be "the preservation of Scotch-Irish history and associations, the increase and diffusion of knowledge regarding the Scotch-Irish people, the keeping alive of the characteristic qualities and sentiments of the race, the promotion of intelligent patriotism, and the development of social intercourse and fraternal feeling." State societies are being formed, and the growth of the organization is expected to be large, as the race is widely extended over the Union, and particularly in the middle South, where such men as Andrew Jackson, John C. Calhoun, and Sam Houston were its types. Membership includes females as well as males. Communications may be addressed to the Honorary Secretary, Rev. J. S. MacIntosh, D. D., No. 220 Witherspoon Building, Philadelphia.

## Society of Tammany, or Columbian Order.

*Grand Sachem*—Thomas L. Feitner. *Sachems*—John Whalen, John F. Carroll, Daniel F. McMahon, John W. Keller, John J. Scannell, Charles F. Murphy, Randolph Guggenheimer, Maurice Featherston, Asa Bird Gardiner, George W. Plunkitt, George C. Clausen, John Fox, Thomas J. Dunn. *Secretary*—Thomas F. Smith. *Treasurer*—Peter F. Meyer. *Sagamore*—John T. Nagle. *Wiskinkie*—John A. Boyle.

This organization was formed in 1789, being the effect of a popular movement in New York, having primarily in view a counterweight to the so-called "aristocratic" Society of the Cincinnati. It was essentially anti-Federalist or democratic in its character, and its chief founder was William Mooney, an upholsterer and a native-born American of Irish extraction. It took its first title from a noted ancient wise and friendly chief of the Delaware tribe of Indians, named Tammany, who had, for the want of a better subject, been canonized by the soldiers of the Revolution as the American patron saint. The first meeting was held May 12, 1789. The act of incorporation was passed in 1805. The Grand Sachem and thirteen Sachems were designed to typify the President and the Governors of the thirteen original States. William Mooney was the first Grand Sachem. The Society is nominally a charitable and social organization, and is distinct from the general committee of the Tammany Democracy, which is a political organization and cannot use Tammany Hall without the consent of the Society.

## Society of the Cincinnati.

## GENERAL OFFICERS.

|                                  |                                      |
|----------------------------------|--------------------------------------|
| President-General.....           | Hon. William Wayne, Pa.              |
| Vice-President-General.....      | Hon. Winslow Warren, Mass.           |
| Secretary-General.....           | Hon. Asa Bird Gardiner, LL D., R. I. |
| Assistant Secretary-General..... | Hon. Nicholas Fish, N. Y.            |
| Treasurer-General.....           | Mr. Frederick Wolcott Jackson, N. J. |
| Assistant Treasurer-General..... | Mr. John Cropper, Va.                |

The historic and patriotic Order of the Cincinnati was founded by the American and French officers at the cantonments of the Continental army on the Hudson at the close of hostilities in the War of the Revolution for American Independence in May, 1783.

In forming the society it was declared that, "To perpetuate, therefore, as well the remembrance of this vast event as the mutual friendships which have been formed under the pressure of common danger, and, in many instances, cemented by the blood of the parties, the officers of the American army do hereby, in the most solemn manner, associate, constitute, and combine themselves into one Society of Friends, to endure as long as they shall endure, or any of their eldest male posterity, and in failure thereof the collateral branches who may be judged worthy of becoming its supporters and members."

For convenience, thirteen State societies were formed, and one in France, under the direct patronage of Louis XVI. Upon the roll of original members appeared the names of all the great historic military and naval characters of the Revolution, and upon the roll of honorary members, elected for their own lives only, appeared many of the signers of the Declaration of Independence.

## THE RIGHT TO MEMBERSHIP.

All Continental officers who had served with honor and resigned after three years' service as officers, or who had been rendered supernumerary and honorably discharged, in one of the several reductions of the American army, or who had continued to the end of the war, and all French officers who had served in the cooperating army under Count d'Estaing, or auxiliary army under Count de Rochambeau, and held or attained the rank of colonel for such services, or who had commanded a French fleet or ship of war on the American coast, were entitled to become original members, and upon doing so were required to contribute a month's pay.

## STATE SOCIETIES.

There are nine active State societies—viz., those of Massachusetts, Rhode Island, Connecticut (revived 1893), New York, New Jersey, Pennsylvania, Maryland, Virginia, and South Carolina, and the one in France, which was dispersed at the Reign of Terror in 1793, is being re-established.

There were originally thirteen State societies, corresponding to the number of States at the close of the Revolutionary War. Several of these became dormant in the early part of the nineteenth century, but all these are now revived and reorganized, and those of New Hampshire, Delaware, North Carolina, and Georgia have been provisionally recognized, and may be restored to the general society at its next triennial meeting.

Membership descends to the eldest lineal male descendant, if judged worthy, and, in failure of direct male descent, to male descendants through intervening female descendants.

The general society is composed of the general officers and five delegates from each State society, and meets triennially. In 1854 it ruled that proper descendants of Revolutionary officers who were entitled to original membership, but who never could avail themselves of it, are qualified for hereditary membership, if found worthy, on due application.

## GENERAL OFFICERS SINCE ORGANIZATION.

The following have been the principal general officers:

## PRESIDENTS-GENERAL.

|   |  |
|---|--|
| 1783..Gen. George Washington, LL D., Va.              | 1839..Major-Gen. Morgan Lewis, A. M., N. Y.            |
| 1800..Major-Gen. Alexander Hamilton, LL D., N. Y.     | 1844..Brevet Major William Popham, N. Y.               |
| 1805..Major-Gen. C. Cotesworth Pinckney, LL D., S. C. | 1848..Brig.-Gen. H. A. Scammell Dearborn, A. M., Mass. |
| 1825..Major-Gen. Thomas Pinckney, A. M., S. C.        | 1854..Hon. Hamilton Fish, LL D., N. Y.                 |
| 1829..Major-Gen. Aaron Ogden, LL D., N. J.            | 1896..Hon. William Wayne, Pa.                          |

## VICE-PRESIDENTS-GENERAL.

|   |   |
|---|---|
| 1784..Major-Gen. Horatio Gates, LL D., Va.            | 1829..Major-Gen. Morgan Lewis, A. M., N. Y.     |
| 1787..Major-Gen. Thomas Mifflin, A. M., Pa.           | 1839..Major the Hon. William Shute, N. J.       |
| 1799..Major-Gen. Alexander Hamilton, LL D., N. Y.     | 1844..Hon. Horace Binney, LL D., Pa.            |
| 1800..Major-Gen. C. Cotesworth Pinckney, LL D., S. C. | 1848..Hon. Hamilton Fish, LL D., N. Y.          |
| 1805..Major-Gen. Henry Knox, A. M., Mass.             | 1854..Hon. Charles Stewart Davies, LL D., Mass. |
| 1811..Brig.-Gen. John Brooks, M. D., LL D., Mass.     | 1866..Mr. James Warren Sever, A. M., Mass.      |
| 1825..Major-Gen. Aaron Ogden, LL D., N. J.            | 1872..Mr. James Simons, A. M., S. C.            |
|   | 1881..William Armstrong Irvine, M. D., Pa.      |
|   | 1887..Hon. Robert Milligan McLane, Md.          |
|   | 1896..Hon. Winslow Warren, Mass.                |

## SECRETARIES-GENERAL.

|  |   |
|--|---|
| 1783 Major-Gen. Henry Knox, A. M., Mass. | 1857 Mr. Thomas McEwen, A. M., M. D., Pa. |
| 1799 Major the Hon. William Jackson, Pa. | 1875 Mr. George Washington Harris, Pa.    |
| 1829 Mr. Alexander W. Johnston, Pa.      | 1884 Hon. Asa Bird Gardiner, LL D., R. I. |

The last triennial meeting of the general society was held in the city of New York in May, 1899. The next triennial meeting will be held in Hartford, Ct., in May, 1902.

The office of the Secretary-General is at Garden City, Long Island, N. Y.

The number of living members of the Society of the Cincinnati, as reported at the triennial meeting May, 1899, including those of the newly re-admitted Virginia Society, was 530. Ex-President Cleveland, Admiral Dewey, and Major-Generals Miles and Howard, U. S. Army, are honorary members of the New York State Society; President McKinley and ex-President Harrison are honorary members of the Pennsylvania State Society, and Lieut.-General John M. Schofield is an honorary member of the New Jersey State Society.

SOCIETY OF THE CINCINNATI—Continued.

The following are the presidents, vice-presidents, and secretaries of the several State societies in active operation:

| STATES.         | Presidents.               | Vice-Presidents.          | Secretaries.              |
|-----------------|---------------------------|---------------------------|---------------------------|
| Massachusetts.  | Winslow Warren.....       | Thornton K. Lothrop.....  | David Greene Haskins.     |
| Rhode Island.   | Vacant.....               | Asa Bird Gardiner.....    | George W. Olney.          |
| Connecticut     | George Bliss Sanford..... | Henry L. Abbott.....      | Morris Woodruff Seymour.  |
| New York.....   | William Greene Ward.....  | Nicholas Fish.....        | Talbot Olyphant.          |
| New Jersey..... | William Scudder Stryker.. | William Bowen Buck.....   | W. T. B. S. Imlay.        |
| Pennsylvania    | William Wayne.....        | Richard Dale.....         | Francis Marinus Caldwell. |
| Maryland.....   | Otho Holland Williams.... | William Henry DeCourcy..  | Thomas E. Sears.          |
| South Carolina. | James Simons.....         | Daniel E. Huger Smith.... | George Haig Tucker.       |
| Virginia.....   | John Cropper.....         | George B. Johnston.....   | Patrick H. Cary Cabell.   |

State societies are organized in New Hampshire, Delaware, North Carolina, and Georgia, but are not yet admitted to active membership in the general society.

A society of "Daughters of the Cincinnati" was organized in New York in 1894. It is not recognized by the Society of the Cincinnati, and its assumption of the society name was formally disapproved by the general society at its triennial meeting in May, 1896.

Sons of the Revolution.

- General President*—Ex-Gov. John Lee Carroll, Md. *General Secretary*—J. M. Montgomery, N. Y.  
*General Vice-President*—Garrett D. W. Vroom, N. J. *Assistant General Secretary*—Wm. H. Harris, Md.  
*Second General Vice-President*—Pope Barrow, Ga. *General Registrar*—Francis E. Abbott, Mass.  
*General Treasurer*—R. M. Cadwalader, Pa. *General Historian*—H. W. Dudley, Ill.  
*Assistant General Treasurer*—Henry Cadle, Mo. *General Chaplain*—Rt. Rev. H. B. Whipple, Minn.

The society of the "Sons of the Revolution" was originated in New York in 1875 by John Austin Stevens, in conjunction with other patriotic gentlemen of Revolutionary ancestry. The New York Society was instituted February 22, 1876, reorganized December 3, 1883, and incorporated May 3, 1884, to "keep alive among ourselves and our descendants the patriotic spirit of the men who, in military, naval, or civil service, by their acts or counsel, achieved American independence; to collect and secure for preservation the manuscript rolls, records, and other documents relating to the War of the Revolution, and to promote intercourse and good feeling among its members now and hereafter." Eligibility to membership is confined to male descendants, above the age of twenty-one years, from an ancestor who as either a military, naval, or marine officer, soldier, sailor, or marine, or official in the service of any one of the thirteen original Colonies or States, or of the National Government, representing or composed of those Colonies or States, assisted in establishing American independence during the War of the Revolution between the 19th day of April, 1775, when hostilities commenced, and the 19th day of April, 1783, when they were ordered to cease. The last triennial meeting of the general society was held at Denver, Col., beginning April 19, 1899. The next triennial meeting of the general society will be held in the city of Washington April 19, 1902.

The officers of the New York Society Sons of the Revolution are as follows: *President*—Frederick Samuel Tallmadge. *Vice-President*—Robert Olyphant. *Secretary*—Morris P. Ferris, 146 Broadway. *Treasurer*—Arthur Melvin Hatch. *Registrar*—Prof. H. P. Johnston. *Historian*—Talbot Olyphant. *Chaplain*—Rev. Brockholst Morgan.

There are thirty State societies and a society in the District of Columbia. The aggregate membership is over 7,000, that of the New York State Society being over 2,000, and of the Pennsylvania State Society over 1,000.

Sons of the American Revolution.

NATIONAL OFFICERS.

- President-General*—Franklin Murphy, N. J. *Secretary-General*—Samuel E. Gross, Chicago, Ill.  
*Vice-Pres.-Gen.*—Jos. C. Breckinridge, D. C. *Treasurer-General*—C. W. Haskins, N. Y.  
*Vice-Pres.-Gen.*—John Whitehead, N. J. *Registrar-General*—A. Howard Clark, D. C.  
*Vice-Pres.-Gen.*—J. M. Richardson, O. *Historian-General*—E. M. Gallaudet, D. C.  
*Vice-Pres.-Gen.*—Jonathan Trumbull, Ct. *Chaplain-General*—Rev. Rufus W. Clark, Mich.

The National Society of "Sons of the American Revolution" was organized in New York April 30, 1889, and chartered in Connecticut in 1890. Its purposes are the same as those of the older organization, the "Sons of the Revolution." State societies exist in thirty-eight States, the District of Columbia, and Hawaii. A California society of descendants of Revolutionary patriots, entitled "Sons of Revolutionary Sires," organized July 4, 1875, having reorganized and changed its name in 1889, has been admitted to membership. A formal movement by this society and the "Sons of the Revolution" toward a union was attempted in 1892, and again in 1897, but was not successful. The total membership of the organization, according to the report of the Registrar-General made at the annual congress of the general society at Detroit, Mich., April 30, 1899, is 9,690. The Massachusetts Society has 1,300 members, the New York Society over 1,100 members, and the Connecticut Society over 1,000 members.

The New York or Empire State Society was organized February 11, 1890. The following are the officers: *President*—Robert B. Roosevelt. *Secretary*—William W. Kenley, 1123 Broadway, New York. *Treasurer*—Richard T. Davis. *Registrar*—Teunis D. Hunting. *Historian*—Walter K. Benjamin. *Chaplain*—Rev. James M. King.

Mount Vernon Ladies' Association.

The Washington estate at Mount Vernon, Va., is under the care and direction of the Mount Vernon Ladies' Association of the Union. The founder of the Association, in 1854, was Miss Ann Pamela Cunningham, of South Carolina. She was the first Regent, and was succeeded in 1873 in that position by Mrs. Macalester Laughton. She died in 1891, and the present Regent is Mrs. Justine Van Rensselaer Townsend, of New York (a great-granddaughter of General Philip Schuyler, and great-great-granddaughter of Philip Livingston, the signer of the Declaration of Independence). There are Vice-Regents for thirty-two States.

## Military Order of Foreign Wars.

THE Military Order of Foreign Wars of the United States was instituted in the City of New York, December 27, 1894, by veterans and descendants of veterans of one or more of the five foreign wars which the United States had been engaged in, to wit: The War of the Revolution, the War with Tripoli, the War of 1812, the Mexican War, and the War with Spain, "to perpetuate the names and memory of brave and loyal men who took part in establishing and maintaining the principles of the Government" in said wars, and "to preserve records and documents relating to said wars, and to celebrate the anniversaries of historic events connected therewith." Since the establishment of the order the United States has fought its fifth foreign war. By an amendment to the constitution all American officers who participated in the war with Spain are rendered eligible to membership as veteran companions.

Members are entitled "companions," and are either "veteran companions" or "hereditary companions." The former are commissioned officers of the army, navy, or marine corps of the United States who participated in any of the foreign wars of the United States. The latter are direct lineal descendants, in the male line only, of commissioned officers who served honorably in any of the said wars. Commanderies may be established in each of the States, and State commanderies now exist in the States of New York, Pennsylvania, Connecticut, Illinois, California, Massachusetts, Florida, Maryland, District of Columbia, Ohio, Missouri, and Vermont.

The National Commandery was instituted March 11, 1896, by the officers of the New York, Pennsylvania, and Connecticut commanderies. The following are the officers of the National Commandery: *Commander-General*—Major-General Alexander S. Webb, U. S. A. *Secretary-General*—James H. Morgan, St. Paul Building, New York City. *Treasurer-General*—Edward S. Sayres. *Registrar-General*—Rev. Henry N. Wayne. *Historian-General*—Captain Samuel E. Gross, U. S. V. *Judge-Advocate-General*—Frank Montgomery Avery. *Chaplain-General*—Rev. C. Ellis Stevens. *Recorder-General*—Charles D. Walcott. There are Vice-Presidents-General representing each State society.

## Naval Order of the United States.

THE Naval Order of the United States is composed of a General Commandery and commanderies in the States of Massachusetts, Pennsylvania, New York, California, and Illinois, and in the District of Columbia. The General Commandery meets triennially on October 5, and the State Commanderies meet annually in the month of November. The Massachusetts Commandery is the parent Commandery, and was organized at Boston on July 4, 1890. The General Commandery was established three years later, on June 19, 1893. The Companions of the Order are officers and the descendants of officers who served in the navy and marine corps in any war or in any battle in which the said naval forces of the United States have participated. The membership clause, as adopted at the triennial congress held at Boston, October 5, 1895, provides for two classes of members: First, veteran officers and their male descendants, and, second, enlisted men who have received the United States naval medal of honor for bravery in the face of the enemy. The next triennial meeting will be held at New York in November, 1902.

The officers of the General Commandery are: *General Commander*—Rear-Admiral John G. Walker. *Vice-General Commanders*—Admiral George Dewey, Rear-Admiral George E. Belknap, Colonel John Biddle Porter. *General Recorder*—Lieutenant-Commander Leonard Cheney. *Assistant General Recorder*—Rodney Macdonough. *General Treasurer*—Jarvis B. Edson, late U. S. N. *General Registrar*—J. V. P. Turner, late U. S. N. *General Historian*—Captain R. S. Collum, U. S. M. C. *General Chaplain*—Rev. George Williamson Smith, D. D. *General Council*—Rear-Admiral W. S. Schley, Commodore Norman H. Farquhar, Chief Engineer George W. Melville, Captain Hobart H. Bellas, U. S. A.; Medical Director George W. Woods, Captain Henry C. Taylor, Commodore John W. Philip, Lieutenant-Commander Edward M. Stedman, Paymaster John Randolph Carmody. The Commander of the New York Commandery, which is the largest in the order, is Admiral George Dewey.

## Societies of the War of 1812.

### SOCIETY OF THE WAR OF 1812 AND VETERAN CORPS OF ARTILLERY IN THE STATE OF NEW YORK.

INSTITUTED as a military society by the veterans of the War of 1812, on January 3, 1826, in the City of New York, and incorporated under the laws of the State of New York by the surviving veteran members, January 3, 1892.

The officers are: *President*—Rev. Morgan Dix, D. D., D. C. L. *Vice-President*—Hon. Asa Bird Gardiner, LL. D. *Secretary*—Vacant. *Assistant Secretary*—Charles Isham. *Treasurer*—Charles Augustus Schermerhorn.

The original members comprise those who actually served in the military or naval forces of the United States during the War of 1812, or on vessels other than merchant ships which sailed under commissions of letters of marque and reprisal from the United States in that war.

Eligibility to hereditary membership is confined to descendants of commissioned officers who actually served in the War of 1812, and descendants of former members of the Society in the State of New York, and of other military societies of 1812.

The purposes of the order are to inspire among the members and among the American people the patriotic spirit of the men who, during the War of 1812, defended their country against hostile encroachments on its rights and interests and caused its sovereignty and independence to be respected; to inculcate and maintain the great principles of the laws of nations for which they contended; to collect and preserve the manuscript rolls, records, and other documents relating to that war, and to commemorate the land and naval victories of the American arms in that war; to undertake and assist in the erection of proper memorials thereof; to perpetuate the mutual friendships formed in that war under the pressure of common danger, and to promote fellowship among the members of every degree.

### THE GENERAL SOCIETY OF THE WAR OF 1812.

Composed of federated State societies, in Maryland, Pennsylvania, Connecticut, Massachusetts, Ohio, and other States. The officers are: *President-General*—Hon. John Cadwalader, Philadelphia, Pa. *Treasurer-General*—Satterlee Swartwout, Stamford, Ct. *Secretary-General*—Henry Hobart Bellas, Germantown, Pa. Lineal descendants of soldiers and sailors (whether enlisted or sailing under letters of marque and reprisal) only are entitled to membership.

## Military Order of the Loyal Legion.

*Commander-in-Chief*—Lieut.-Gen. John M. Schofield. *Senior Vice-Commander-in-Chief*—Acting Volunteer Lieut. Charles P. Clark. *Junior Vice-Commander-in-Chief*—Brig.-Gen. Henry C. Merriam. *Recorder-in-Chief*—Brevet Lieut.-Col. John P. Nicholson. *Registrar-in-Chief*—Brevet Major William P. Huxford. *Treasurer-in-Chief*—Paymaster George De F. Barton. *Chancellor-in-Chief*—Brevet Brig.-Gen. William L. James. *Chaplain-in-Chief*—Brevet Major Henry S. Burrage. *Council-in-Chief*—Brevet Major George W. Chandler, Rear-Admiral George Brown, Col. Charles A. Woodruff, Brevet Major-Gen. John B. Sanborn, Capt. Roswell H. Mason.

The Military Order of the Loyal Legion of the United States was organized by officers and ex-officers of the army, navy, and marine corps of the United States who took part in the Civil War of 1861-65. Membership descends to the eldest direct male lineal descendant, according to the rules of primogeniture. There are 20 commanderies, each representing a State, and one commandery representing the District of Columbia. The total membership of the Loyal Legion July 31, 1899, was 9,099.

### ROLL OF COMMANDERIES.

| No. | Commandery of the—   | Headquarters.    | Instituted.   | Recorders.                         | Address.                  |
|-----|----------------------|------------------|---------------|------------------------------------|---------------------------|
| 1   | State of Pa. ....    | Philadelphia.    | Apr. 15, 1865 | Brev. Lieut.-Col. J. P. Nicholson. | 139 South 7th St., Phila. |
| 2   | State of N. Y. ....  | N. Y. City ....  | Jan. 17, 1866 | Asst. Paymaster A. N. Blakeman.    | 140 Nassau St., New York  |
| 3   | State of Maine. .... | Portland ....    | Apr. 25, 1866 | Brevet Major Henry S. Burrage.     | Oxford Bldg., Portland.   |
| 4   | State of Mass. ....  | Boston ....      | Mar. 4, 1868  | Col. Arnold A. Rand .....          | 19 Milk St., Boston.      |
| 5   | State of Cal. ....   | San Francisco .. | Apr. 12, 1871 | Erev. Lieut.-Col. W. R. Smedberg   | 224 Sansome St., S. Fran. |
| 6   | State of Wis. ....   | Milwaukee ....   | May 15, 1874  | Capt. A. Ross Houston .....        | Milwaukee.                |
| 7   | State of Illinois.   | Chicago ....     | May 8, 1879   | Capt. Roswell H. Mason .....       | 76 Monroe St., Chicago.   |
| 8   | District of Col. .   | Washington ....  | Feb. 1, 1882  | Brevet Major Wm. P. Huxford.       | Atlantic Bldg., Wash.     |
| 9   | State of Ohio. ....  | Cincinnati ..... | May 3, 1882   | Brevet Major A. M. Van Dyke.       | Cincinnati.               |
| 10  | State of Mich. ....  | Detroit ....     | Feb. 4, 1885  | Brevet Brig.-Gen. F. W. Swift.     | Detroit.                  |
| 11  | State of Minn. ....  | St. Paul ....    | May 6, 1885   | Lieut. David L. Kingsbury.         | St. Paul.                 |
| 12  | State of Oregon .    | Portland ....    | May 6, 1885   | Capt. Gavin E. Caukin .....        | Portland.                 |
| 13  | State of Mo. ....    | St. Louis ....   | Oct. 21, 1885 | Capt. William R. Hodges. ....      | Laclede Bldg., St. Louis. |
| 14  | State of Neb. ....   | Omaha ....       | Oct. 21, 1885 | Lieut. F. B. Bryant .....          | Omaha.                    |
| 15  | State of Kansas .    | Leavenworth ..   | Apr. 23, 1886 | Brevet Capt. George Robinson.      | Fort Leavenworth.         |
| 16  | State of Iowa ....   | Des Moines ....  | Oct. 20, 1886 | First Lieut. and Adj. J. W. Muffly | Des Moines.               |
| 17  | State of Col. ....   | Denver ....      | June 1, 1887  | Brevet Capt. James R. Saville.     | 95 Kittredge B., Denver.  |
| 18  | State of Ind. ....   | Indianapolis ..  | Oct. 17, 1888 | Col. Z. A. Smith .....             | Indianapolis.             |
| 19  | State of Wash. .     | Tacoma ....      | Jan. 14, 1891 | Lieut. Commander J. F. Noel .      | Tacoma.                   |
| 20  | State of Vt. ....    | Burlington ....  | Oct. 14, 1891 | First Lieut. Wm. L. Greenleaf .    | Burlington.               |

*Commander-in-Chief, Headquarters, Philadelphia.* Instituted October 21, 1885. Brevet Lieut.-Col. John P. Nicholson, *Recorder-in-Chief.*

## Societies of the Union Army of 1861-65.

### SOCIETY OF THE ARMY OF TENNESSEE.

*President*—Gen. Grenville M. Dodge, New York. *Vice-Presidents*—Col. W. A. Jenkins, Illinois; Col. James Kilbourne, Ohio; Capt. Joseph Dickerson, Washington; Gen. R. A. Alger, Michigan; Capt. J. A. T. Hull, Iowa; Col. Charles Parsons, Missouri; Gen. R. W. Healy, Tennessee; James R. Stack, Indiana; Capt. H. A. Vastle, Minnesota; Gen. E. A. Carr, District of Columbia; Capt. F. H. Madgeburg, Wisconsin, and George Buckland, Ohio. *Corresponding Secretary*—Gen. Andrew Hickenlooper, Cincinnati. *Recording Secretary*—Col. Cornelius Cadle, Cincinnati. *Treasurer*—Gen. Manning F. Force, Ohio. The Society was organized at Raleigh, N. C., April 14, 1865.

### SOCIETY OF THE ARMY OF THE CUMBERLAND.

*Acting President*—Gen. David S. Stanley. *Corresponding Secretary*—Gen. H. V. Boynton. *Treasurer*—Hon. John Tweedale. *Recording Secretary*—Col. J. W. Steele. *Historian*—Col. G. C. Kniffin. *Executive Committee*—Officers of the society *ex officio*, Gen. C. H. Grosvenor, Chairman; Gen. J. W. Burke, Gen. J. Barnett, Gen. R. A. Alger, Gen. A. Baird, Gen. T. J. Wood, Capt. J. W. Foley. The Society was organized in February, 1868, and its present membership is 500.

### SOCIETY OF THE ARMY OF THE POTOMAC.

*President*—Brevet Brig.-Gen. Orlando Smith, U. S. V. *Vice-Presidents*—First Corps, Gen. Louis Wagner, U. S. V.; Second Corps, Gen. R. N. Batchelder, U. S. A.; Third Corps, Capt. A. H. G. Richardson, U. S. V.; Fourth Corps, Gen. George D. Ruggles, U. S. A.; Fifth Corps, Gen. James G. Grindlay, U. S. V.; Sixth Corps, sergt. Henry C. La Rowe, U. S. V.; Ninth Corps, Major James B. Horner, U. S. V.; Eleventh Corps, Gen. L. P. DiCesnola, U. S. V.; Twelfth Corps, Lieut.-Col. John P. Nicholson, U. S. V.; Eighteenth Corps, Gen. Theodore S. Peck, U. S. V.; Nineteenth Corps, Col. J. G. McNutt, U. S. V.; Cavalry Corps. Col. John J. McCook, U. S. V.; Signal Corps, Col. Samuel T. Cushing, U. S. V.; General Staff, Gen. Thomas Wilson, U. S. A. *Treasurer*—Brevet Lieut.-Col. Samuel Truesdell, U. S. V., 396 Canal Street, New York. *Recording Secretary*—Brevet Col. Horatio C. King, U. S. V., 375 Fulton Street, Brooklyn, N. Y. *Corresponding Secretary*—Col. Charles W. Scott, 222 Park Avenue, Chicago, Ill.

The Society of the Army of the Potomac was organized in 1868. The present membership is 1,800.

### THE ELEVENTH ARMY CORPS ASSOCIATION.

*President and Historian*—Col. Aug. C. Hamlin, Bangor, Me. *Vice-President of First Division*—Gen. John T. Lochman. *Vice-President of Second Division*—Col. Thomas Reilly. *Vice-President of Third Division*—Capt. A. B. Seales. *Vice-President of the Army of the Potomac*—Gen. L. P. DiCesnola. *Recording Secretary*—Capt. Francis Irsh, 1 Old Slip, New York. *Treasurer*—Capt. F. Wernock.

The Association was organized at Portland, Me., July 5, 1890. The membership is now about one hundred, and among the members are the following veteran officers: Gen. Franz Sigel, Gen. O. O. Howard, U. S. A.; Gen. Carl Schurz, Gen. Julius Stahel, Gen. Orlando Smith, Gen. F. C. Winkler, Gen. E. W. Whittlesey, Gen. C. H. Howard, Col. F. A. Meysenburg, Col. J. C. Lee, Col. M. Weidrich, Col. Theo. A. Dodge.

**Grand Army of the Republic.**

Commander-in-Chief.....Albert D. Shaw, Watertown, N. Y.  
 Senior Vice-Com. Irvin Robbins, Indianapolis, Ind. / Surgeon-Gen. .... Wm. H. Baker, Lynn, Mass.  
 Junior Vice-Com. Michael Minton, Louisville, Ky. / Chaplain-in-Chief. Rev. J. L. Grimm, Baltimore, Md.

OFFICIAL STAFF.

Adjutant-General.....Thomas J. Stewart, Philadelphia, Pa.  
 Quartermaster-Gen. E. J. Atkinson, New York City. / Judge-Adv.-Gen. Ell Torrance, Minneapolis, Minn.  
 Inspector-Gen. Nathan P. Pond, Rochester, N. Y. / Sen. Aide-de-Camp. J. Cory Winans, Troy, O.

The National Council of Administration has 45 members, each department being represented by one member.

| Departments.<br>(45.)     | Department Commanders.* |                   | Assistant Adjutants-General. |                   | Mem-<br>bers. |
|---------------------------|-------------------------|-------------------|------------------------------|-------------------|---------------|
| Alabama.....              | A. P. Stone.....        | Birmingham.....   | E. D. Bacon.....             | Birmingham.....   | 190           |
| Arizona.....              | G. Broughton.....       | Prescott.....     | W. F. R. Schindler...        | Prescott.....     | 221           |
| Arkansas.....             | Geo. W. Clark.....      | Little Rock.....  | P. S. Smith.....             | Little Rock.....  | 590           |
| Calif. & Nevada           | A. F. Dill.....         | San Diego.....    | T. C. Masteller.....         | San Francisco.    | 4,903         |
| Colo. & Wyom.             | Andrew A. Royal..       | Pueblo.....       | Dan. W. Brown.....           | Pueblo.....       | 2,082         |
| Connecticut.....          | Henry R. Jones.....     | New Hartford..... | John H. Thacher.....         | Hartford.....     | 5,034         |
| Delaware.....             | Wm. H. Moystin....      | Wilmington.....   | William A. Reilly.....       | Wilmington.....   | 682           |
| Florida.....              | Edwin Kirby.....        | Fruitland.....    | S. W. Fox.....               | Jacksonville...   | 351           |
| Georgia.....              | Alex. Mattison.....     | Atlanta.....      | James P. Averill.....        | Atlanta.....      | 523           |
| Idaho.....                | S. L. Thompson.....     | Lewiston.....     | Albert Small.....            | Lewiston.....     | 359           |
| Illinois.....             | John B. Inman.....      | Springfield.....  | C. A. Partridge.....         | Chicago.....      | 23,310        |
| Indiana.....              | Wm. L. Dunlap.....      | Franklin.....     | R. M. Smock.....             | Indianapolis...   | 17,257        |
| Indian Ter.....           | Gideon S. White...      | Vinita.....       | H. C. Luey.....              | Vinita.....       | 241           |
| Iowa.....                 | C. F. Bailey.....       | Ireton.....       | L. M. Black.....             | Des Moines.....   | 14,953        |
| Kansas.....               | O. H. Coulter.....      | Topeka.....       | George W. Veale.....         | Topeka.....       | 13,621        |
| Kentucky.....             | Jos. H. Browning..      | Louisville.....   | Bernard Matthews...          | Louisville.....   | 3,346         |
| La. & Mississippi         | Chas. W. Keeting..      | New Orleans.....  | John A. Brookshire..         | New Orleans.....  | 3,346         |
| Maine.....                | Frederick Robie...      | Portland.....     | Edward C. Swett.....         | Portland.....     | 7,242         |
| Maryland.....             | L. M. Zimmerman..       | Baltimore.....    | Robt. C. Sunstrom...         | Baltimore.....    | 2,623         |
| Massachusetts...          | John E. Giman.....      | Boston.....       | Edward P. Preble...          | Boston.....       | 19,734        |
| Michigan.....             | Russell R. Pealer..     | Three Rivers..... | C. V. R. Pond.....           | Lansing.....      | 15,136        |
| Minnesota.....            | D. B. Searle.....       | St. Cloud.....    | B. M. Hicks.....             | Minneapolis...    | 6,695         |
| Missouri.....             | John W. Scott.....      | Moberly.....      | Thos. B. Rodgers...          | St. Louis.....    | 11,768        |
| Montana.....              | C. B. Miller.....       | Helena.....       | L. D. Beaty.....             | Helena.....       | 446           |
| Nebraska.....             | John E. Evans.....      | North Platte..... | Winslow H. Barger..          | Lincoln.....      | 6,445         |
| N. Hampshire...           | H. L. Worcester...      | Rochester.....    | Frank Battles.....           | Concord.....      | 3,736         |
| New Jersey.....           | George Barrett...       | Camden.....       | H. L. Hartshorn.....         | Camden.....       | 5,957         |
| New Mexico.....           | George W. Knobel..      | Santa Fe.....     | Wm. M. Berger.....           | Santa Fe.....     | 144           |
| New York.....             | Joseph W. Kay.....      | Brooklyn.....     | Nathan Minger.....           | Albany.....       | 33,487        |
| North Dakota...           | William Ackerman..      | Grand Forks.....  | Wm. H. Brown.....            | Grand Forks...    | 538           |
| Ohio.....                 | Thomas R. Shinn...      | Ashland.....      | O. F. Crall.....             | Ashland.....      | 25,798        |
| Oklahoma.....             | J. J. S. Hassler....    | Enid.....         | J. E. Burns.....             | Kingfisher.....   | 504           |
| Oregon.....               | H. V. Gates.....        | Hillsboro.....    | J. E. Mayo.....              | Portland.....     | 1,698         |
| Pennsylvania...           | James F. Morrison..     | Philadelphia..... | Henry H. Yohn.....           | Philadelphia...   | 30,166        |
| Potomac.....              | Calvin Farnsworth.      | Washington, D. C. | B. F. Chase.....             | Wash'tn, D. C.    | 2,633         |
| Rhode Island...           | Charles O. Ballou..     | Providence.....   | Philip S. Chase.....         | Providence.....   | 1,960         |
| South Dakota...           | William L. Palmer..     | Cartbage.....     | Asher F. Fay.....            | Huron.....        | 1,374         |
| Tennessee.....            | H. Crumbliss.....       | Kingston.....     | Frank Seaman.....            | Knoxville.....    | 1,728         |
| Texas.....                | John Roch.....          | Dublin.....       | J. C. Bigger.....            | Dallas.....       | 667           |
| Utah.....                 | M. M. Kaighn.....       | Salt Lake City... | F. M. Bishop.....            | Salt Lake City... | 238           |
| Vermont.....              | F. G. Butterfield..     | Derby Line.....   | K. Richmond.....             | Newport.....      | 3,892         |
| Va. & No. Caro.           | John W. Rutter.....     | Portsmouth.....   | A. A. Hager.....             | Nat. Home, Va.    | 1,065         |
| Wash. & Alaska            | J. W. Langley.....      | Seattle.....      | J. H. Wilson.....            | Seattle.....      | 2,259         |
| West Virginia...          | C. R. Lavalley.....     | Huntington.....   | G. W. Hutchinson...          | Huntington.....   | 1,264         |
| Wisconsin.....            | Henry Harnden.....      | Madison.....      | Charles A. Curtis...         | Madison.....      | 10,234        |
| Total, June 30, 1899..... |                         |                   |                              |                   | 287,981       |

\* New department officers are elected from January to April, 1900.

The number of Grand Army Posts June 30, 1899, was 6,905.

The first post of the Grand Army was organized at Decatur, Ill., April 6, 1866. The first National Encampment was held at Indianapolis, November 20, 1866. The next will be held at Chicago, Ill.

**NATIONAL ENCAMPMENTS AND COMMANDERS-IN-CHIEF.**

|                        |                            |                        |                         |
|------------------------|----------------------------|------------------------|-------------------------|
| 1866—Indianapolis..... | Stephen A. Hurlbut, Ill.   | 1884—Minneapolis.....  | John S. Kuntz, Ohio.    |
| 1868—Philadelphia..... | John A. Logan, Ill.        | 1885—Portland, Me..... | S. S. Burdette, D. C.   |
| 1869—Cincinnati.....   | John A. Logan, Ill.        | 1886—San Francisco...  | Lucius Fairchild, Wis.  |
| 1870—Washington.....   | John A. Logan, Ill.        | 1887—St. Louis.....    | John P. Rea, Minn.      |
| 1871—Boston.....       | A. E. Burnside, Rhode Is.  | 1888—Columbus, Ohio..  | William Warner, Mo.     |
| 1872—Cleveland.....    | A. E. Burnside, Rhode Is.  | 1889—Milwaukee.....    | Russell A. Alger, Mich. |
| 1873—New Haven.....    | Charles Devens, Jr., Mass. | 1890—Boston.....       | Wheelock G. Veazey, Vt. |
| 1874—Harrisburg.....   | Charles Devens, Jr., Mass. | 1891—Detroit.....      | John Palmer, New York.  |
| 1875—Chicago.....      | John F. Hartranft, Pa.     | 1892—Washington.....   | A. G. Weissert, Wis.    |
| 1876—Philadelphia...   | John F. Hartranft, Pa.     | 1893—Indianapolis..... | John G. B. Adams, Mass. |
| 1877—Providence.....   | J. C. Robinson, New York.  | 1894—Pittsburgh.....   | Thos. G. Lawler, Ill.   |
| 1878—Springfield.....  | J. C. Robinson, New York.  | 1895—Louisville.....   | Ivan N. Walker, Ind.    |
| 1879—Albany.....       | William Earnshaw, Ohio.    | 1896—St. Paul.....     | Thaddeus S. Clark, Neb. |
| 1880—Dayton.....       | Louis Wagner, Pa.          | 1897—Buffalo.....      | John P. S. Gobin, Pa.   |
| 1881—Indianapolis...   | George S. Merrill, Mass.   | 1898—Cincinnati.....   | *James A. Sexton, Ill.  |
| 1882—Baltimore.....    | Paul Van Der Voort, Neb.   | 1898— ".....           | W. C. Johnson, Ohio.    |
| 1883—Denver.....       | Robert E. Beath, Pa.       | 1899—Philadelphia..... | Albert D. Shaw, N. Y.   |

\* Died February 5, 1899.



## Woman's Relief Corps.

AUXILIARY TO THE GRAND ARMY OF THE REPUBLIC.

*National President*—Agnes Hitt, 40 When Building, Indianapolis, Ind. *National Secretary*—Ida S. McBride, Indianapolis, Ind.

This organization was created by the mothers, wives, daughters, and sisters of Union soldiers of the Civil War of 1861-65, for the purpose of aiding and assisting the Grand Army of the Republic, and to "perpetuate the memory of their heroic dead," to "extend needful aid to the widows and orphans," to "cherish and emulate the deeds of our army nurses," and to "inculcate lessons of patriotism and love of country among our children and in the communities in which we live." The organization is composed of departments, which are subdivided into corps.

## Sons of Veterans, U. S. A.

*Commander-in-Chief*—A. W. Jones, Youngstown, O. *Senior Vice-Commander-in-Chief*—A. L. Sorter, Jr., Mason City, Ia. *Junior Vice-Commander-in-Chief*—W. L. Raynes, Battle Creek, Mich. *Adjutant-General*—W. E. Baldwin, Youngstown, O.

Camp No. 1, Sons of Veterans, U. S. A., was organized in the city of Philadelphia, September 29, 1879. The organization is composed of lineal descendants, over eighteen years of age, of honorably discharged soldiers, sailors, or marines who served in the late Civil War. There are now about two thousand Camps, with a membership of one hundred thousand distributed among twenty-nine Divisions, corresponding to States, the general society or national body constituting the *Commandery-in-Chief*. Each Camp has its own officers, the head officer being the Captain. The principal officer of the Division is the *Commander*. The nineteenth annual encampment will be held at Syracuse, N. Y., in September, 1900.

## Society of the Sons of War Veterans.

THE Society of the Sons of War Veterans is composed of the male lineal descendants above the age of eighteen years of honorably discharged Union soldiers, sailors, or marines who served in the War of 1861-65 for a period of not less than six months (a part of said service having been at the front), unless discharged on account of wounds received in battle or killed in the discharge of duty.

*Commander-in-Chief*—W. F. Langschultz, New York City. *Deputy Commanders*—Charles S. Watrous, Bridgeport, Ct., and Andrew Emerich, Montpelier, Vt. *Adjutant-General*—W. F. Kennedy, 110 East Forty-seventh Street, New York City. *Quartermaster-General*—John J. Harvey, New York City.

The objects are "to preserve and perpetuate the principles for which our ancestors fought in battle, to support, aid, and assist the Union soldiers and their widows, and for mutual benefit and advancement."

## Union Veteran Legion.

*National Commander*—W. R. Wooters, Philadelphia, Pa. *Senior Vice-National Commander*—J. Ben. Renner, Cincinnati, O. *Junior Vice-National Commander*—H. C. Zollinger, Fort Wayne, Ind. *Quartermaster-General*—Thomas J. Hubbard, Baltimore, Md. *Adjutant-General*—John N. Rober, Philadelphia, Pa.

The Union Veteran Legion was organized at Pittsburgh, Pa., March, 1884, and the National organization was perfected November 17, 1886. Encampments are now organized in 21 States and the District of Columbia, numbering 152 encampments. The membership is over 20,000. To become a member, the applicant must have been an officer, soldier, sailor, or marine of the Union army, navy, or marine corps during the late Civil War, who *volunteered prior to July 1, 1863*, for a term of three years, and was honorably discharged for any cause, after a service of at least two continuous years; or was, at any time, discharged by reason of wounds received in the line of duty; also those who volunteered for a term of two years *prior to July 22, 1861*, and *served their full term of enlistment*, unless discharged for wounds received in the line of duty; but no drafted person, nor substitute, nor any one who has at any time borne arms against the United States is eligible. A statement by the *Adjutant-General* of the Legion says: "It is believed that those who entered the service prior to July, 1863, had but one object in view, and that was the preservation of the Union. There were no bounties prior to that date, nor were there any fears of a draft; consequently, those who shouldered a musket or wielded a sabre felt that it was a sacred duty to offer their lives in defence of their country's honor."

## Union Veterans' Union.

*Commander-in-Chief*—Charles W. Wood, Worcester, Mass. *First Deputy Commander-in-Chief*—J. W. Long, Soldiers' Home, Kent Co., Mich. *Second Deputy Commander-in-Chief*—P. G. Harshbarger, Louisville, Ky. *Adjutant-General*—C. W. Putnam, Worcester, Mass. *Quartermaster-General*—E. D. McFarland, Worcester, Mass. *Chief of Staff*—Charles P. Battelle, Somerville, Mass.

The Union Veterans' Union was organized in Washington, D. C., in the year 1886. It is composed of honorably discharged Union soldiers, sailors, and marines, of good character, who served at least six months continuously, unless sooner discharged on account of wounds or injuries received in the line of duty, during the Civil War.

## National Association of Naval Veterans.

*Commodore Commanding*—George L. Seavey, Chicago, Ill. *Fleet Captain and Chief of Staff*—I. D. Baker, Boston, Mass. *Fleet Commander*—James A. Miller, Athens, O. *Fleet Secretary*—Frederick E. Haskins, 767 Washington Avenue, Brooklyn, N. Y.

The National Association of Naval Veterans was organized by delegates from the various associations of naval veterans throughout the Union at a meeting held in the City of New York, in January, 1887. Any officer, appointed or enlisted man who has served in the United States Navy, United States Marine Corps, or United States Revenue Marine Service during any portion of the time between April 12, 1861, and August 25, 1865, who has not borne arms against the United States, or been convicted of any infamous crime, and who has been honorably discharged or resigned by an honorable acceptance of resignation, is eligible to membership in this association. There are 41 local associations under the national charter, a paid membership of over 8,500, and 3,000 contributing members.

## The National Society of the Spanish-American War.

*Honorary President*—Clara Barton. *Honorary Vice-Presidents*—Admiral George Dewey, Mrs. John A. Logan, Rear-Admiral W. S. Schley, and Major-Gen. N. A. Miles. *National Executive Secretary*—Hildegard H. Langsdorff, M. D., Carlisle, Pa. *National Advisory Council*—The Governors of the various States and Territories and other prominent Americans.

This Society was organized August 12, 1898. Its headquarters are in Baltimore, Md. Local councils of the Society may, upon approval of the Executive Council, be formed in any community. Membership is open to all patriotic Americans. Men and women share equally the honors and duties of membership. The badge of the Society is a circular field of dark-blue enamel. The edge of the field is worked into thirteen points; on the field are thirteen golden stars encircling the letters "L. W. F.," which stand for the motto of the Society, which is, "Let Us Forget." The executive officers wear signet rings in the shape of eagle's claws grasping a sard, upon which are engraved the letters "L. W. F." and the insignia of the rank of the officer. The membership fee, payable to the National Society, is \$1; patrons and patronesses pay \$5 annually, and life members, \$100 in one payment. The local fees are regulated by the local councils. The local councils have great freedom of action. All that is required of them is unswerving fidelity to the purposes of the National Society, the payment of yearly dues, and certain work on Memorial Day.

## Naval and Military Order Spanish-American War.

INSTITUTED February 2, 1899. *Commander*—Col. Theodore Roosevelt. *Senior Vice-Commander*—Capt. Henry C. Taylor. *Junior Vice-Commander*—Brig.-Gen. Wallace F. Randolph. *Secretary*—Lieut. Walter J. Sears, Navy Department, Washington, D. C. *Treasurer*—Ensign Frank W. Toppin. *Registrar*—Lieut. Theodore C. Zerega. *Chaplain*—Charles H. Parks. *Council*—Col. Theodore Roosevelt, Brig.-Gen. J. W. Clous, Capt. Henry C. Taylor, Lieut. Alfred B. Frye, Ensign Frank W. Toppin, Major Parker W. West, Lieut. W. Butler Duncan, Jr., Brig.-Gen. Wallace F. Randolph, Lieut. Theodore C. Zerega, Lieut.-Commander Leonard Chenery, Lieut. Walter J. Sears, Chaplain Charles H. Parks, Major L. L. Seaman, Major T. C. Chalmers, Capt. A. J. Bleecker, and Capt. John T. Hilton. Membership is composed of persons who served on the active list, or performed active duty as a commissioned officer, regular or volunteer, during the war with Spain, or who participated in the war as a naval or military cadet. Membership descends to the eldest male descendant in the order of primogeniture.

## Society of the Army of Santiago de Cuba.

ORGANIZED in the Governor's Palace at Santiago de Cuba, July 31, 1898. The constitution of the Society makes the following provisions:

The purpose of this organization is to record the history and conserve the memory of the events of the campaign which resulted in the surrender on the 17th day of July, 1898, of the Spanish army, the city of Santiago de Cuba, and the military province to which it pertained.

The membership of the Society shall consist of all officers and soldiers of the United States Army (including Acting Assistant Surgeons and authorized volunteer Aides) who constituted the expeditionary force to Santiago de Cuba, and who worthily participated in the campaign between the dates of June 14 and July 17, 1898, and who shall signify their wish for membership by making application and paying the dues.

The officers of the Society elected for the first year are as follows: *President*, Major-Gen. Wm. R. Shafter, U. S. V.; *First Vice-President*, Major-Gen. Joseph Wheeler, U. S. V.; *Second Vice-President*, Major-Gen. J. Ford Kent, U. S. V.; *Third Vice-President*, Major-Gen. H. W. Lawton, U. S. V.; *Fourth Vice-President*, Major-Gen. John Coulter Bates, U. S. V.; *Secretary and Treasurer*, Major Alfred C. Sharpe, Assistant Adjutant-General, U. S. V., Washington, D. C.; *Registrar-General*, Major Philip Reade, Inspector-General, U. S. V.; *Historian*, Major G. Creighton Webb, Inspector-General, U. S. V.

## The Rough Riders' Association.

BEFORE the disbanding of the First Regiment United States Volunteer Cavalry, serving in Cuba, the members organized the Rough Riders' Association. All members of the regiment are eligible to membership in the Association, and membership descends to the eldest sons of original members, as in the Order of the Cincinnati, founded by the officers of the Revolutionary War. The following are the officers for the first year: *President*, Lieut.-Col. Alexander O. Brodie; *Vice-Presidents*, Col. Theodore Roosevelt and Brig.-Gen. Leonard Wood; *Secretary-Treasurer*, Lieut. J. D. Carter.

## Naval Order of St. Louis.

INSTITUTED May 1, 1898. Incorporated July 26, 1899. *Senior Member*—Capt. Caspar F. Goodrich, U. S. M. *Treasurer*—P. A. Paymaster T. Hinsey, late U. S. N. *Secretary*—P. A. Surgeon R. Lloyd Parker, late U. S. N., Pier 14 N. R., New York. The particular objects of the association are the continuation of the good feeling and fellowship begun while commissioned officers on board or with the United States steamship St. Louis, and to perpetuate the memory of the part that vessel and her consorts took in the Spanish-American War.

## United States Veteran Navy.

THIS organization was formed in the City of New York, September 21, 1899, and has 42 local bodies called squadrons and 3,000 members, composed of naval officers and enlisted men who served in the civil and Spanish wars. B. S. Osbon is Flag Officer-Commanding, and George H. Wood, Fleet Secretary. Headquarters, 15 Whitehall Street, New York.

## United Confederate Veterans.

*Commander*—Gen. John B. Gordon, of Georgia. *Adjutant-General and Chief of Staff*—Major-Gen. George Moorman, New Orleans, La.

Army of Northern Virginia Department—*Commander*, Lieut.-Gen. Wade Hampton, Columbia, S. C.  
 Army of Tennessee Department—*Commander*, Lieut.-Gen. Stephen D. Lee, Starkville, Miss.

*Adjutant-General*—Brig.-Gen. E. T. Sykes, Columbus, Miss.

Trans-Mississippi Department—*Commander*, Lieut.-Gen. W. L. Cabell, Dallas, Tex. *Adjutant-General*—Brig.-Gen. A. T. Watts, Dallas, Tex.

The *Confederate Veteran*, Nashville, Tenn., established by S. A. Cunningham, is the official organ of the association.

This association was organized at New Orleans June 10, 1889. Its avowed purpose is strictly social, literary, historical, and benevolent. Its constitution says that it "will endeavor to unite in a general federation all associations of Confederate veterans, soldiers, and sailors now in existence or hereafter to be formed; to gather authentic data for an impartial history of the war between the States; to preserve relics or mementoes of the same; to cherish the ties of friendship that should exist among men who have shared common dangers, common sufferings, and privations; to care for the disabled and extend a helping hand to the needy; to protect the widows and the orphans, and to make and preserve a record of the resources of every member, and, as far as possible, of those of our comrades who have preceded us in eternity." State organizations are authorized, and are called Divisions. The present headquarters of the association are at New Orleans, La. Number of Camps, 1,170. Number of members, according to last report, about 45,000. The last reunion of the veterans was at Charleston, S. C., in July, 1899. The next reunion will be at Louisville, Ky., in 1900.

## United Sons of Confederate Veterans.

THE general society of this organization, which is composed of representatives of local camps throughout the United States, held its reunion in 1899 at Charleston, S. C. The following is the official roster:

*Commander-in-Chief*—Walter T. Colquitt, Atlanta, Ga. *Adjutant-General, Chief of Staff*—L. D. T. Quinby, Atlanta, Ga. *Quartermaster-General*—E. Leslie Spence, Jr., Richmond, Va. *Surgeon-General*—Dr. Mike Hoke, Richmond, Va. *Inspector-General*—T. T. Stockton, Jacksonville, Fla. *Chaplain-General*—Rev. J. H. McCoy, Huntsville, Ala. *Commissary-General*—John I. Moore, Asheville, N. C. *Judge-Advocate-General*—John Marks, Napoleonville, La.

## United Daughters of the Confederacy.

*President*—Mrs. Kate Cabell Currie, Dallas, Tex. *First Vice-President*—Mrs. C. A. Forney, Hope, Ark. *Second Vice-President*—Mrs. Helen C. Plane, Atlanta, Ga. *Recording Secretary*—Mrs. John P. Hickman, Nashville, Tenn. *Corresponding Secretary*—Miss Mary F. Meares, Wilmington, N. C. *Treasurer*—Mrs. J. Jefferson Thomas, Atlanta, Ga.

The United Daughters of the Confederacy was organized at Nashville, Tenn., September 10, 1894. It is composed of the widows, wives, mothers, sisters, and lineal female descendants of men who served honorably in the army and navy of the Confederate States, or who served in the Civil Service of the Confederate States or one of the Southern States, or who gave personal services to the Confederate cause. There are local federations, governed by State divisions, which in turn are subordinate to the National organization. The objects of the United Daughters of the Confederacy, as stated in the constitution of the Society, are "social, literary, historical, monumental, benevolent, and honorable in every degree, without any political significance whatever." It will endeavor: (1) To unite in the federation all bodies of Southern women now organized or that may hereafter be formed. (2) To cultivate ties of friendship among our women whose fathers, brothers, sons, and, in numberless cases, mothers, shared common dangers, sufferings, and privations; and to perpetuate honor, integrity, valor, and other noble attributes of true Southern character. (3) To instruct and instill into the descendants of the people of the South a proper respect for and pride in the glorious war history, with a veneration and love for the deeds of their forefathers which have created such a monument of military renown, and to perpetuate a truthful record of the noble and chivalric achievements of their ancestors. All with the view of furnishing authentic information from which a conscientious historian will be enabled to write a correct and impartial history of the Confederate side during the struggle for Southern independence. The organization now has 400 chapters in the United States, North and South, with about 8,000 members.

## Society of the Army and Navy of the Confederate States

IN THE STATE OF MARYLAND.

*President*—Gen. Bradley T. Johnson. *Recording Secretary*—Capt. Augustine J. Smith. *Corresponding Secretary*—John F. Hayden, Baltimore, Md. *Treasurer*—Capt. F. M. Colston. There are twelve vice-presidents and an executive committee of seven members. The Society of the Army and Navy of the Confederate States in the State of Maryland was organized in 1871, "to collect and preserve the material for a truthful history of the late war between the Confederate States and the United States of America; to honor the memory of our comrades who have fallen; to cherish the ties of friendship among those who survive, and to fulfil the duties of sacred charity toward those who may stand in need of them." The membership is 1,082. The annual dues are \$1.

## Regular Army and Navy Union.

*National Commander*—Henry Shindler, Leavenworth, Kan. *Vice-National Commander*—Stephen O. Tripp, Peoria, Ill. *Adjutant-General*—Richard J. Fanning, Columbus, Ohio.

The Regular Army and Navy Union was organized at Cincinnati and incorporated under the laws of Ohio in March, 1888. The national organization (called the National Corps) was organized in August, 1890. The Union admits to its ranks men now in the service who have served one or more terms and hold honorable discharges, also those now in civil life who have served in the army, navy, and marine corps of the United States and who have been honorably discharged therefrom, whether said service was before, during, or since the war. Officers who have served five years or more are also eligible to membership. There are at present 170 garrisons, with an estimated membership of 12,000.

## Patriotic Women's Societies.

### COLONIAL DAMES OF AMERICA.

#### OFFICERS.

*President*—Mrs. John Lyon Gardiner. *First Vice-President*—Mrs. Thomas Wren Ward. *Second Vice-President*—Mrs. James W. Gerard. *Treasurer*—Mrs. Oscar Egerton Schmidt. *Secretary*—Mrs. Timothy Matlack Cheesman, 109 University Place. *Historian*—Miss Julia Livingston Delafield. *Advisory Council*—Henry E. Howland, Franklin Bartlett, Louis V. Bright.

The Society of the Colonial Dames of America was organized in the City of New York May 23, 1890, and was the first society of women for this patriotic purpose founded in this country. It was incorporated April 23, 1891. The Society is purely patriotic and educational in its objects, which are: (1) To collect and preserve relics, manuscripts, traditions, and mementoes of the founders and builders of the thirteen original States of the Union, and of the heroes of the War of Independence, that the memory of their deeds and achievements may be perpetuated. (2) To promote celebrations of great historic events of national importance, to diffuse information on all subjects concerning American history, particularly among the young, and to cultivate the spirit of patriotism and reverence for the founders of American constitutional history.

This Society has already a large membership and chapters in many States. It is a distinct organization from that which follows.

### COLONIAL DAMES OF AMERICA.

#### OFFICERS OF THE NATIONAL SOCIETY.

*President*—Mrs. Justine Van Rensselaer Townsend. *First Vice-President*—Mrs. Gillespie, Philadelphia, Pa. *Second Vice-President*—Mrs. W. W. Gordon, Savannah, Ga. *Secretary*—Mrs. William Reed, 103 Monument Street W., Baltimore, Md. *Assistant Secretary*—Mrs. J. J. Jackson, Baltimore, Md. *Treasurer*—Miss Elizabeth Byrd Nicholas, 818 Connecticut Avenue, Washington, D. C. *Registrar*—Mrs. Emil Richter, Portsmouth, N. H. This society is a distinct organization from the one described in the first paragraph.

The National Society is composed of delegates from the State societies. These exist in the thirteen original States and in twenty-two other States and the District of Columbia, and are all incorporated. The aggregate membership is 3,500. The President of the New York State Society is Mrs. Samuel Verplanck. It is the sole custodian of the Colonial Museum in New York.

Under the constitution of the National Society it is prescribed that the members shall be women "who are descended in their own right from some ancestor of worthy life who came to reside in an American Colony prior to 1750, which ancestor, or some one of his descendants, being a lineal ascendant of the applicant, shall have rendered efficient service to his country during the Colonial period, either in the founding of a commonwealth or of an institution which has survived and developed into importance, or who shall have held an important position in the Colonial government, and who, by distinguished services, shall have contributed to the founding of this great and powerful nation." Services rendered after 1776 do not entitle to membership, but are accepted for supplemental applications. There is no admission except through Colonial ancestry.

### DAUGHTERS OF THE AMERICAN REVOLUTION.

#### OFFICERS OF THE NATIONAL SOCIETY.

*President-General*—Mrs. Daniel Manning. *Vice-President-General* (in charge of organization of chapters)—Mrs. Eleanor Washington Howard. *Vice-Presidents-General*—Mrs. Ellen M. Colton, Mrs. William Lindsay, Mrs. George M. Sternberg, Mrs. Charles W. Fairbanks, Miss Mary Isabella Forsyth, Mrs. George F. Fuller, Mrs. N. D. Sperry, Mrs. Estes G. Rathbone, Mrs. Daniel Newman, Mrs. Clement A. Griscom, Miss Annie Wheeler, Mrs. William P. Frye, Mrs. Julius C. Burrows, Mrs. Clement S. Nash, Mrs. Person C. Cheney, Miss Mary Boyce Temple, Mrs. Charles Avertette Stakely, Mrs. A. L. Barber, Mrs. Green Clay Goodloe, and Mrs. Washington A. Roebing. *Chaplain-General*—Mrs. Charles A. Stakely. *Recording Secretary-General*—Mrs. Albert Ackers, Nashville, Tenn. *Corresponding Secretary-General*—Mrs. Kate Kearney Henry, 902 F Street, Washington, D. C. *Registrar-General*—Mrs. Susan R. Hietzel. *Treasurer-General*—Mrs. Charles C. Darwin. *Historian-General*—Mrs. Mary J. Seymour. *Assistant Historian-General*—Mrs. Robert S. Hatcher.

The Society was organized in the city of Washington, D. C. October 11, 1890. The headquarters are in Washington. Its present membership is reported by the Secretary-General to be about 27,000. Four hundred and ninety-two State chapters exist in forty-four States and Territories, the District of Columbia, and Hawaii, presided over by regents. Chapter regents have been appointed for England and Canada.

Any woman may be eligible for membership who is of the age of eighteen years, and who is descended from an ancestor who, "with unflinching loyalty, rendered material aid to the cause of independence as a recognized patriot, as soldier or sailor, or as a civil officer in one of the several Colonies or States, or of the United Colonies or States," provided that the applicant shall be acceptable to the Society. Every application for membership must be indorsed by at least one member of the National Society, and is then submitted to the Registrars-General, who report on the question of eligibility to the Board of Management, and upon its approval the applicant is enrolled as a member.

### DAUGHTERS OF THE REVOLUTION.

#### OFFICERS OF THE GENERAL SOCIETY.

*President-General*—Mrs. Henry Sanger Snow. *First Vice-President-General*—Miss Adaline W. Sterling. *Second Vice-President-General*—Miss Sarah E. Hunt. *Recording Secretary-General*—Mrs. L. D. Gallison. *Corresponding Secretary-General*—Miss Virginia S. Sterling. *Treasurer-General*—Miss Viola D. Waring. *Registrar-General*—Mrs. Joseph J. Casey. *Historian-General*—Mrs. Leslie C. Wead. *Librarian-General*—Mrs. H. Courtney Manning. *Board of Managers*—Mrs. J. P. Geran, Mrs. Charles A. West, Mrs. Andrew W. Bray, Mrs. Nathaniel S. Keay, Mrs. A. M. Ferris, Mrs. William S. Cogswell, Mrs. Charles W. Dayton, Mrs. Charles Francis Roe, Mrs. Thomas Hill, Miss Florence O. Rand, Miss Mary A. Kent, Mrs. Andrew Jacobs, Mrs. John P. Heath, Mrs. William R. Bowman.

The General Society was organized in the City of New York August 20, 1891. Eligibility to membership is restricted to "women who are lineal descendants of an ancestor

## PATRIOTIC WOMEN'S SOCIETIES—Continued.

who was a military or naval or marine officer, soldier, sailor, or marine in actual service under the authority of any of the thirteen Colonies or States, or of the Continental Congress, and remained always loyal to such authority, or descendants of one who signed the Declaration of Independence, or of one who as a member of the Continental Congress or of the Congress of any of the Colonies or States, or as an official appointed by or under the authority of any such representative bodies, actually assisted in the establishment of American independence by service rendered during the War of the Revolution, becoming thereby liable to conviction of treason against the Government of Great Britain, but remaining always loyal to the authority of the Colonies or States." State societies exist in a large number of States. The office of the General Society is 156 Fifth Avenue, New York.

## DAMES OF THE REVOLUTION.

*President*—Mrs. Edward Paulet Steers. *Vice-President and Registrar*—Mrs. Montgomery Schuyler. *Second Vice-President*—Mrs. John F. Berry. *Corresponding Secretary*—Miss F. Dougherty. *Treasurer*—Mrs. Maud S. French. *Historian*—Miss Mary A. Phillips. *Librarian*—Mrs. Francis E. Doughty. *Curator*—Mrs. C. Van Allen Sidell. *Chairman of Admission Committee*—Mrs. Townsend C. Van Pelt. *Chairman of Finance Committee*—Miss Sarah M. Westbrook.

The Society of Dames of the Revolution was organized in 1896. The regulation as to membership is that the Society shall be composed entirely of women above the age of eighteen years, of good moral character, who are descended in their own right from an ancestor who, either as a military, naval, or marine officer, or official in the service of any one of the thirteen original Colonies or States, or of the National Government representing or composed of those Colonies or States, assisted in establishing American independence during the War of the Revolution, April 19, 1775, when hostilities commenced, and April 19, 1783, when they were ordered to cease. Local chapters may be organized when authorized by the Board of Managers of the Society.

## UNITED STATES DAUGHTERS, 1812.

*President-General*—Mrs. William Gerry Slade, N. Y. *First Vice-President-General*—Mrs. Louis W. Hall, Pa. *Second Vice-President-General*—Mrs. Nelson V. Titus, Mass. *Third Vice-President-General*—Mrs. George A. Ludin. *Secretary-General*—Mrs. Leroy S. Smith, N. Y. *Treasurer-General*—Miss Helen G. Bailey, N. Y. *Curator-General*—Mrs. Alfred Russell. *Historian-General*—Mrs. Henry C. Marshall, Pa. The office of the General Society is at 332 West Eighty-seventh Street, New York.

*Membership Qualifications*—Any woman over eighteen years of age of good character and a lineal descendant of an ancestor who rendered civil, military, or naval service during the War of 1812, or the period of the causes which led to that war (subsequent to the War of the Revolution), may be eligible to membership, provided the applicant be acceptable to the Society. In all the States the initiation fee is \$1.

The officers of the New York Society are: *President*—Mrs. William Gerry Slade. *First Vice-President*—Mrs. Allen T. Nye. *Second Vice-President*—Mrs. J. C. Hatfield. *Recording Secretary*—Mrs. H. C. Bailey. *Corresponding Secretary*—Mrs. Geo. A. Ludin. *Assistant Corresponding Secretary*—Mrs. Geo. W. Wallis. *Treasurer*—Mrs. G. E. Wentworth. *Auditor*—Mrs. James A. Striker. *Registrar*—Mrs. Jacob Hess. *Assistant Registrar*—Miss Grace Jenkins. *Historian*—Mrs. Caspar W. Dean. *Librarian*—Mrs. H. C. Manning.

The United States Daughters, 1812, New York State, an organization distinct from the above, was organized March 18, 1892. Any woman is eligible to membership in the United States Daughters, 1812, who is lineally descended from an ancestor who, either as a military, naval, or marine officer, soldier, sailor, or marine, or an official, or in any effective manner and with unflinching loyalty assisted in establishing American independence during the War of 1812. The officers elected for the first term of four years are: *President*—Mrs. Edward P. Steers. *Vice-President*—Mrs. D. Phoenix Ingraham. *Secretary*—Mrs. John W. French. *Treasurer*—Miss Lillian S. Hatfield. *Registrar*—Mrs. Joseph J. Casey. The headquarters are in the City of New York.

## DAUGHTERS OF THE HOLLAND DAMES.

*Directress-General*—Mrs. William Ghion. *Deputy Directress-Generals*—Miss Mary Van Buren Vanderpool, Mrs. A. C. Chenoweth. *Treasurer*—Mrs. Eugene Hoffman. *Registrar*—Miss Harriet Duer Robinson. *Historian*—Mrs. William Budd. *Secretary*—Mrs. A. C. Chenoweth. "The Daughters of Holland Dames, Descendants of the Ancient and Honorable Families of New York," was incorporated for the purpose of erecting a memorial to commemorate the early Dutch period of our colonial history, and to preserve and collect historical documents relating to the same. The headquarters are at New York. This Society is not connected with the Holland Dames, of which Miss Lavinia Dempsey is Queen.

## HOLLAND DAMES OF THE NEW NETHERLANDS.

The Holland Dames of the New Netherlands and their "associate members," gentlemen of Dutch descent, are governed by a National Board of Management composed of Dames and a Council of State composed of "Sir Knights." The principal officers of the Board are: *Queen*—Miss Lavinia H. Van Westervelt Dempsey. *National Regent*—Mrs. Stewart Osborne. *Directress-General*—Mrs. J. C. Wycoff Mitchell. *Recording Secretary*—Mrs. Lina K. Trafton. *Corresponding Secretary*—Mrs. Henry A. Topham. *Treasurer*—Mrs. May Banks Stacey. *Historian*—Mrs. Jesse Larrabee. *Mistress of Ceremonies*—Miss Fannie Wynkoop Clark. The officers of the Council are: *Chairman*—Hon. T. F. Reed. *Chancellor of National Affairs*—Dr. Christopher Kiersted. *Chancellor of Foreign Affairs*—Hon. William L. Strong. *Chancellor in Equity*—Jesse Larrabee. *Chamberlain of State*—Guy C. Dempsey. *Lord of the Admiralty*—Frank Stewart Osborne. *Secretary*—W. Irving Van Imwegen. The affairs of the Society are submitted yearly to a meeting of delegates, called the "Staten Generaal," from Holland's Parliament. The Society's headquarters are the Waldorf-Astoria, New York.

## The Armed Strength of Europe.

TABLE SHOWING RESOURCES IN THE EVENT OF A GENERAL CONFLICT.

THE military and naval statistics embraced in the following tables were specially prepared for THE WORLD ALMANAC by Captain W. R. Hamilton, Seventh Artillery, United States Army, and corrected from the latest official reports on file at the War Department, December, 1899:

## LAND FORCES.

| CLASSES.                      | Germany.  | France.   | Italy.    | Austria-Hungary. | Russia.   | Great Britain. | Turkey.   |
|-------------------------------|-----------|-----------|-----------|------------------|-----------|----------------|-----------|
| <b>ACTIVE ARMY &amp; RES.</b> |           |           |           |                  |           |                |           |
| Officers.....                 | 23,240    | 22,211    | 17,246    | 17,512           | 28,638    | *7,826         | 8,112     |
| Non-com. Offs. & Men.....     | 2,301,646 | 1,982,720 | 584,640   | 762,620          | 1,186,516 | *209,181       | 198,340   |
| Non-combatants.....           | 161,333   | 33,700    | 10,000    | 12,800           | 44,700    | 8,263          | .....     |
| Horses.....                   | 107,652   | 111,696   | 55,820    | 58,642           | 166,900   | 29,000         | 30,000    |
| Guns.....                     | 2,864     | 3,188     | 1,268     | 1,672            | 2,648     | 720            | 696       |
| Vehicles.....                 | 31,400    | 32,112    | 14,200    | 17,300           | 29,120    | .....          | .....     |
| <b>FIRST RESERVE.</b>         |           |           |           |                  |           |                |           |
| Officers.....                 | 23,600    | 19,825    | 18,512    | 17,440           | 19,100    | .....          | 11,260    |
| Non-com. Offs. & Men.....     | 2,326,511 | 1,982,470 | 594,656   | 392,246          | 2,632,300 | 82,126         | 502,300   |
| Non-combatants.....           | 9,349     | 18,620    | 3,682     | 4,600            | 18,500    | .....          | .....     |
| Horses.....                   | 95,208    | 86,722    | .....     | 24,250           | 146,211   | .....          | 65,000    |
| Guns.....                     | 2,024     | 1,820     | 744       | 1,200            | 3,636     | 412            | .....     |
| Vehicles.....                 | .....     | 4,000     | .....     | .....            | 6,800     | .....          | .....     |
| <b>SECOND RESERVE.</b>        |           |           |           |                  |           |                |           |
| Officers.....                 | 19,718    | 18,922    | 19,684    | 23,000           | 18,252    | .....          | .....     |
| Non-com. Offs. & Men.....     | 1,110,636 | 968,000   | 968,240   | 512,590          | 1,324,758 | 124,779        | 500,000   |
| Horses.....                   | .....     | .....     | .....     | .....            | .....     | 25,000         | .....     |
| Guns.....                     | .....     | 424       | .....     | .....            | 840       | .....          | .....     |
| <b>GRAND WAR TOTAL.</b>       |           |           |           |                  |           |                |           |
| Officers.....                 | 66,558    | 60,958    | 55,442    | 57,952           | 65,990    | +686,795       | 19,372    |
| Non-com. Offs. & Men.....     | 5,738,793 | 4,983,190 | 2,047,536 | 1,667,456        | 5,143,574 | .....          | 1,190,640 |
| Horses.....                   | 202,860   | 198,418   | 55,820    | 82,892           | 313,111   | 53,000         | 95,000    |
| Guns.....                     | 4,888     | 5,008     | 2,012     | 2,872            | 6,124     | 1,132          | 696       |
| <b>PEACE EST' LISHM'T.</b>    |           |           |           |                  |           |                |           |
| Infantry.....                 | 476,312   | 386,928   | 132,412   | 178,800          | 568,280   | 144,653        | 146,390   |
| Cavalry.....                  | 78,914    | 71,300    | 27,648    | 38,388           | 127,700   | 19,386         | 30,000    |
| Artillery.....                | 94,846    | 84,688    | 36,900    | 36,900           | 118,968   | 37,250         | 19,120    |
| Engineers and Train.....      | 42,311    | 30,244    | 15,792    | 15,620           | 34,240    | 7,892          | 18,400    |
| Horses.....                   | 132,500   | 124,612   | 62,700    | 67,000           | 189,300   | 29,000         | 36,000    |
| Guns.....                     | 2,864     | 3,188     | 1,268     | 1,672            | 2,648     | 720            | 696       |
| <b>TOT. PEACE EST' M'T.</b>   |           |           |           |                  |           |                |           |
| Men.....                      | 687,388   | 573,160   | 212,752   | 269,708          | 949,188   | 217,007        | 213,910   |
| Horses.....                   | 132,500   | 124,612   | 62,700    | 67,000           | 189,300   | 29,000         | 36,000    |
| Guns.....                     | 2,864     | 3,188     | 1,268     | 1,672            | 2,648     | 720            | 696       |

This table does not include fortress guns. \* Includes regular forces in India and the colonies. † Includes volunteers, 231,798, and militia reserve of 31,095.

## LAND FORCES.

| CLASSES.                                | Spain.    | Belgium | Nether-lands. | Den-mark. | Greece. | Switzer-land. | Sweden and Norway. | DANUBIAN STATES. |          | Rou-mania. |
|---|-----------|---------|---------------|-----------|---------|---------------|--------------------|------------------|----------|------------|
|   |           |         |               |           |         |               |                    | Bul-garia.       | Ser-via. |            |
| Infantry.....                           | 48,204    | 32,860  | 45,600        | 22,406    | 11,050  | 118,000       | 19,000             | 24,000           | 51,243   | 32,608     |
| Cavalry.....                            | 6,100     | 6,296   | 4,248         | 2,400     | 1,200   | 2,920         | 3,200              | 2,780            | 7,900    | 2,300      |
| Artillery.....                          | 12,000    | 8,754   | 12,784        | 9,520     | 2,922   | 9,521         | 9,460              | 4,500            | 2,000    | 2,000      |
| Engineers and Train.....                | 3,980     | 2,498   | 1,970         | 1,347     | 1,311   | 6,782         | 3,312              | 1,972            | 2,000    | 1,392      |
| Total Active Army.....                  | 70,284    | 50,408  | 62,902        | 35,673    | 18,783  | 137,223       | 34,972             | 33,552           | 64,143   | 38,300     |
| East India Troops.....                  | .....     | .....   | 47,920        | .....     | .....   | .....         | .....              | .....            | .....    | .....      |
| Sanitary and Administrative Troops..... | 18,120    | 5,200   | 4,722         | 3,078     | 1,200   | 4,194         | 1,786              | 2,000            | 2,400    | 2,679      |
| West India Troops.....                  | .....     | .....   | 1,645         | 1,100     | .....   | .....         | .....              | .....            | .....    | .....      |
| 1st Reserves.....                       | 109,000   | 65,800  | 51,400        | 40,650    | 42,400  | 81,000        | 96,412             | 71,500           | 38,000   | 84,000     |
| 2d Reserves.....                        | 900,000   | 59,100  | 80,000        | 48,000    | 163,000 | 276,000       | 130,000            | 115,200          | 162,708  | 132,000    |
| Total Peace Strength.....               | 88,404    | 55,608  | 117,190       | 39,851    | 19,983  | 141,417       | 36,758             | 35,552           | 66,543   | 40,979     |
| Total War Strength.....                 | 1,097,404 | 180,508 | 248,590       | 138,501   | 225,383 | 498,417       | 263,170            | 222,252          | 268,241  | 256,979    |

## CONDITIONS OF SERVICE AND AVAILABLE STRENGTH OF POWERS.

Every year the young men who attain the age in which they are available for military service are enrolled in advance, in every European country. These ages run generally from 21 to 45, and this time is divided up by service, first, in the active army, which answers to our regular establishment; second, in the reserve to the active army; third, in the Landwehr; fourth, in the Landsturm, in which they are never called out, except in time of war, and then for defence of the fatherland only.

**AUSTRIA-HUNGARY.**—The registered number of young men attaining the age of military service in 1897 was 347,298. Out of this, those fit for service numbered 191,300, of which 136,000 were drawn for service as follows: Active army and navy, 106,000; Landwehr, 30,000. Obligatory service commences on the first day of January of year young man attains 21 years. It consists of three years with colors, seven in active army reserve, two in the Landwehr, and the balance up to end of forty-fifth year of age in the Landsturm. From the number registered, there were exempted, postponed, etc., 155,198.

THE ARMED STRENGTH OF EUROPE—Continued.

GERMANY.—The registered number of young men in 1897 was 426,245, out of which 268,000 were required to fill annual contingent. There were that year 11,000 one-year volunteers. Liability commences with end of seventeenth year and ends with beginning of forty-fifth year. It is termed "Wehrpflicht." It is divided into two classes, "Dienstpflicht" and "Landsturmpflicht." The two foregoing terms translated mean "Service Liability" and "Landsturm Liability." The soldier's term is two years with the colors, then leave of absence for five years, during which time he is called out for two trainings of eight weeks each. He then has five years in the first ban of the Landwehr, in which he has two trainings of two weeks each. His next step is five years in the second ban of the Landwehr, and the balance of his time in the Landsturm. The general staff, which is so much needed in the United States Army, in the German Army is a close and flexible organization which permeates the entire army and prepares it in peace for war, and in war conducts the strategical and tactical operations. All regimental officers have to do staff work, and to rise it is made a requisite that the officer must distinguish himself in the staff first. Hence between the regimental or line work and the staff there is a constant interchange, a constant touch by which each is in sympathy with the other and works for the greatest good of the whole.

FRANCE.—In 1897 the registered number of men for military service was 342,644. After exemptions, postponements, etc., there remained for service 268,500, or a few more than in Germany. This number, however, includes the postponements of former years. All classes of citizens are liable to serve. The liability commences with the twentieth year and lasts till the end of the forty-fifth year. It is divided as follows: Three years with the colors, ten with active army reserve, six in the territorial army, and the remaining six in reserve of territorial army.

ITALY.—In 1897 269,600 was the number registered. Out of this only 93,000 were drawn and the remainder excused. Former year exemptions to the number of 152,000 were enrolled. Service is in all classes and lasts for eighteen years. The first two are with the colors, the following ten are on leave, with thirty days' service in training each year. The remaining six are the reserve of territorial army.

RUSSIA.—The number for 1897 was 985,200 the greatest number ever recorded. Out of this, 302,500 were drawn for active service. The soldier spends his first five years in the active army and the next thirteen in its reserve. There are two bans in this reserve, and all registered but not drawn except those exempted, are placed in second ban of the reserve from the beginning. Their service in it is eighteen years, the same time as those who go directly in the active army. All other men in the empire between ages of twenty-one and forty-five constitute the militia and are called out for three years of home training.

TURKEY.—The Turkish forces are organized on the territorial system, the entire empire being divided into seven territorial districts. All Mussulmans are liable to military duty, but Christians and certain sects may pay an exemption tax. Many Nomads, Kurds etc. evade the duty though all are liable if caught. All conscripted are divided into the following classes: 1 Nizam, or regular army and its reserves. 2 Redil, corresponding to Landwehr. 3 Mustahfurz, or Landsturm. Liability commences with twenty-fourth year and lasts for twenty years: Active army four years; Landwehr, four years, active army reserve, two years, four years in second class of Landwehr, and remaining six in Landsturm. Great difficulty is experienced by the Turkish officials in trying to find the number liable to military duty.

GREAT BRITAIN.—Interest is especially given to the land forces of Great Britain by reason of the Boer war in South Africa. The numbers given in foregoing table are correct up to July 1. Since then the forces have been greatly augmented, and nothing definite can be known outside the British War Office. The British expect to have in South Africa by January 1 1900, a force of 70,000 men; but as the Boers can bring against this number over 55,000 well-armed men, it is evident that ere the war is ended in victory for the English, their forces must be increased to over 100,000.

NAVIES.

| CLASS OF VESSELS.                                    | Great Britain. | France. | Germany. | Italy. | Russia. | Austria-Hungary. | Spain. | Denmark. | Netherlands. | Turkey. | Sweden. | Norway. | Portugal. |
|--|----------------|---------|----------|--------|---------|------------------|--------|----------|--------------|---------|---------|---------|-----------|
| Battle-Ships, First Class.....                       | 45             | 25      | 8        | 13     | 22      | 1                | 1      | ..       | ..           | 1       | ..      | ..      | ..        |
| Battle-Ships, Second Class.....                      | 12             | 6       | 5        | 2      | 4       | ..               | ..     | ..       | ..           | ..      | ..      | ..      | ..        |
| Battle-Ships, Third Class.....                       | 11             | 2       | 1        | ..     | ..      | ..               | ..     | ..       | ..           | ..      | ..      | ..      | ..        |
| Coast-Defence Ships.....                             | 13             | 14      | 9        | 9      | 16      | 2                | 2      | 1        | 4            | 3       | 8       | 8       | 1         |
| Armored Cruisers.....                                | 30             | 22      | 5        | 6      | 12      | 2                | ..     | ..       | ..           | ..      | ..      | ..      | ..        |
| Cruisers, First Class.....                           | 21             | 4       | 8        | ..     | 11      | ..               | ..     | ..       | 14           | ..      | ..      | ..      | ..        |
| Cruisers, Second and Third Classes.....              | 124            | 42      | 18       | 35     | 22      | 17               | 8      | 7        | 51           | 6       | 16      | 2       | 5         |
| Gunboats, Sea-Going.....                             | 99             | 25      | 19       | 24     | 25      | 5                | 17     | 8        | 43           | 4       | 17      | 13      | 20        |
| Gunboats, River.....                                 | 7              | 29      | 9        | 10     | 39      | ..               | 2      | 2        | 3            | ..      | 5       | 18      | 27        |
| Transports and Despatch Boats                        | 44             | 41      | 6        | 14     | 37      | 27               | 52     | 2        | 19           | ..      | 1       | 3       | 4         |
| Tugs, Repair, Water, Coal, and Hospital Vessels..... | 125            | 48      | 43       | 60     | 43      | 6                | 4      | 7        | 10           | 36      | 21      | 13      | 9         |
| School and Training Ships.....                       | 43             | 9       | 14       | 6      | 9       | ..               | 7      | 8        | ..           | ..      | 20      | 3       | 2         |
| Subsidized and Auxiliary Vessels.....                | 94             | 76      | 13       | 13     | 42      | ..               | 15     | ..       | ..           | ..      | ..      | ..      | ..        |
| Hulks and Obsolete Ships.....                        | 22             | 94      | 12       | ..     | ..      | 5                | ..     | 2        | ..           | 1       | ..      | ..      | ..        |
| Torpedo-Boat Destroyers.....                         | 123            | 25      | 12       | 5      | 31      | ..               | 4      | ..       | ..           | 3       | ..      | ..      | ..        |
| Torpedo-Boats, First Class.....                      | 97             | 120     | 115      | 12     | 89      | 30               | 16     | 9        | 49           | 9       | 13      | 16      | ..        |
| Torpedo-Boats, Second and Third Classes.....         | 145            | 109     | 36       | 160    | 98      | 40               | 7      | 18       | 33           | 46      | 36      | 8       | 11        |
| Officers—Naval.....                                  | 3,919          | 2,015   | 1,555    | 840    | 2,258   | 659              | 592    | 146      | 600          | 584     | 104     | 86      | 374       |
| Seamen—Naval.....                                    | 81,803         | 67,200  | 21,800   | 23,590 | 41,853  | 12,900           | 6,790  | 1,190    | 9,200        | 21,210  | 4,000   | 3,191   | 4,246     |
| Officers—Marine.....                                 | 843            | 1,730   | 260      | 112    | 568     | 74               | 240    | 40       | 69           | 79      | 90      | 89      | 31        |
| Soldiers—Marine.....                                 | 18,464         | 27,940  | 2,500    | 738    | 3,890   | 756              | 2,100  | 360      | 1,768        | 1,220   | 812     | 500     | 614       |
| Naval Reserves.....                                  | 81,206         | 85,000  | 37,000   | 19,000 | 49,000  | 4,500            | 20,000 | 4,000    | 10,000       | 36,000  | 8,000   | 6,000   | 4,100     |
| Heavy Guns.....                                      | 1,060          | 739     | 233      | 156    | 658     | 209              | 194    | 84       | 376          | 169     | 114     | 77      | 86        |
| Secondary and Machine Guns.                          | 9,088          | 4,249   | 1,459    | 2,067  | 4,308   | 827              | 681    | 363      | 1,012        | 376     | 358     | 252     | 283       |

NAVIES OF OTHER POWERS.

| CLASS OF VESSELS.                            | Greece. | Brazil. | Chile. | Argentine Republic. | Mexico. | Japan. | China. | Peru. | Belgium. |
|--|---------|---------|--------|---------------------|---------|--------|--------|-------|----------|
| Battle-ships, First Class.....               | ..      | ..      | ..     | ..                  | ..      | 6      | ..     | ..    | ..       |
| Battle-ships, Second Class.....              | ..      | ..      | ..     | ..                  | ..      | 1      | ..     | ..    | ..       |
| Battle-ships, Third Class.....               | 1       | 2       | 2      | 1                   | ..      | 1      | ..     | ..    | ..       |
| Coast-Defence Ships.....                     | 1       | 9       | 1      | 4                   | ..      | 3      | 6      | ..    | ..       |
| Armored Cruisers.....                        | ..      | ..      | 2      | 4                   | ..      | 7      | ..     | ..    | ..       |
| Cruisers, First Class.....                   | ..      | ..      | 1      | ..                  | ..      | ..     | ..     | ..    | ..       |
| Cruisers, Second Class.....                  | 4       | 7       | 4      | 8                   | 1       | 98     | 28     | 1     | ..       |
| Gunboats.....                                | 11      | 29      | 11     | 20                  | 5       | 19     | 39     | 8     | 29       |
| Torpedo-Boat Destroyers.....                 | ..      | 3       | 6      | 3                   | ..      | 12     | 4      | ..    | ..       |
| Torpedo-Boats, First Class.....              | 12      | 15      | 5      | 12                  | 5       | 62     | 13     | ..    | ..       |
| Torpedo-Boats, Second and Third Classes..... | 42      | 7       | 19     | 15                  | 4       | 2      | 14     | ..    | ..       |
| Despatch Boats, etc.....                     | 3       | 6       | 5      | ..                  | ..      | 2      | ..     | ..    | ..       |
| Transports, Auxiliaries, etc.....            | 3       | 13      | 20     | 5                   | 2       | 6      | ..     | ..    | ..       |
| Tugs and Hulks.....                          | 11      | 11      | 7      | ..                  | ..      | 4      | ..     | 1     | ..       |
| Heavy Guns.....                              | 48      | 98      | 98     | 62                  | 14      | 178    | 234    | 4     | ..       |
| Secondary and Machine Guns.....              | 251     | 487     | 524    | 533                 | 32      | 1,312  | 529    | 24    | 71       |

Armies of Mexico, South America, and Asia.

| CLASSES.                  | Japan.  | China.  | Mexico. | Brazil. | Chile. | Argent. Rep. | India.* | Venezuela |
|---------------------------|---------|---------|---------|---------|--------|--------------|---------|-----------|
| Infantry.....             | 68,640  | 100,000 | 14,200  | 16,700  | 14,200 | 13,000       | 187,200 | 5,300     |
| Cavalry.....              | 7,000   |         | 5,161   | 2,800   | 3,000  | 3,200        | 42,000  | 1,690     |
| Artillery.....            | 6,720   | 1,680   | 4,350   | 3,200   | 2,600  | 2,600        | 23,416  | 800       |
| Engineers and train.....  | 4,914   | 21,940  | 1,178   | 1,115   | 950    | 11,600       | 500     | 500       |
| Total peace strength..... | 87,874  | 100,000 | 21,951  | 25,028  | 21,515 | 19,750       | 214,216 | 8,290     |
| First reserves.....       | 76,400  | 500,000 | 28,240  | 25,632  | 28,800 | 22,700       | .....   | .....     |
| Second reserves.....      | 238,000 | .....   | 131,000 | 51,478  | 48,000 | 46,000       | 200,000 | 150,000   |
| Total war strength.....   | 402,274 | 600,000 | 161,221 | 102,138 | 98,315 | 88,450       | 414,216 | 168,290   |

\* Including native and white troops.

Rifles Used by the Principal Powers of the World.

| COUNTRIES.           | Name of Gun or Inventor. | Calibre. | Length, without Bayonet. |       | Length, with Bayonet. |       | Weight, without Bayonet. |       | Weight, with Bayonet. |                  | No. of Cartridges in Magazine. | Guns Sighted to 1 | Covering or Jacket of Cartridge. | Weight of Whole Cartridge, Muzzle Velocity, Ft., Seconds. |  |
|----------------------|--------------------------|----------|--------------------------|-------|-----------------------|-------|--------------------------|-------|-----------------------|------------------|--------------------------------|-------------------|----------------------------------|---|--|
|                      |                          |          | Ins.                     | Ins.  | Ins.                  | Lbs.  | Lbs.                     | Yds.  | Lbs.                  | Seconds.         |                                |                   |                                  |   |  |
| U. S. Army.....      | Krag-Jorgenson           | .30      | 49.10                    | 60.65 | 9.4                   | 10.4  | 8                        | 5     | 2,200                 | Nickel.....      | 964                            | 2,200             |                                  |   |  |
| U. S. Navy.....      | Lee (straight pull)..... | .250     | 48.5                     | 57.7  | 9.2                   | 10.3  | 8                        | 5     | 2,187                 | .....            | 147                            | 2,400             |                                  |   |  |
| Argentina.....       | Mausier                  | .301     | 48.6                     | 56.7  | 8.5                   | 9.9   | 5                        | 5     | 2,187                 | Maileschort      | 250                            | 2,120             |                                  |   |  |
| Austria-Hungary..... | Mannlicher               | .315     | 50.4                     | 58.3  | 9.9                   | 10.8  | 5                        | 5     | 3,000                 | Maileschort      | 286                            | 2,115             |                                  |   |  |
| Brazil.....          | Mannlicher               | .296     | 49.1                     | 69.11 | 9.4                   | 10.4  | 5                        | 5     | 2,500                 | Steel.....       | 263                            | 1,998             |                                  |   |  |
| Belgium.....         | Mausier                  | .301     | 50.2                     | 60.04 | 8.6                   | 9.5   | 5                        | 5     | 2,199                 | Maileschort      | 269                            | 1,988             |                                  |   |  |
| Bulgaria.....        | Mannlicher               | .296     | 49.1                     | 68.11 | 9.4                   | 10.4  | 5                        | 5     | 2,500                 | Steel.....       | 253                            | 1,995             |                                  |   |  |
| Canada.....          | Lee-Metford.             | .302     | 49.5                     | 61.7  | 9.9                   | 10.19 | 10                       | 5     | 2,500                 | Steel and Nickel | 245                            | 2,200             |                                  |   |  |
| Colombia.....        | Mausier                  | .301     | 48.6                     | 66.11 | 8.6                   | 9.9   | 5                        | 5     | 2,187                 | Maileschort      | 253                            | 2,120             |                                  |   |  |
| China.....           | Lee.....                 | .433     | .....                    | ..... | .....                 | ..... | .....                    | ..... | .....                 | Steel and Lead   | .....                          | 2,400             |                                  |   |  |
| Chile.....           | Mausier                  | .276     | 50.4                     | 60    | 9.7                   | 10.3  | 5                        | 5     | 2,400                 | Steel.....       | 210.7                          | 2,285             |                                  |   |  |
| Costa Rica.....      | Mausier                  | .276     | 50.4                     | 60    | 9.7                   | 10.5  | 5                        | 5     | 2,400                 | Steel.....       | 210.7                          | 2,285             |                                  |   |  |
| Denmark.....         | Krag-Jorgenson           | .315     | 62.3                     | 62.8  | 9.5                   | 10.04 | 5                        | 5     | 2,078                 | Maileschort      | 270                            | 1,950             |                                  |   |  |
| Egypt.....           | Lee-Metford.             | .303     | 49.5                     | 61.7  | 9.2                   | 10.19 | 5                        | 5     | 2,900                 | Steel and Nickel | 248                            | 2,200             |                                  |   |  |
| Ecuador.....         | Mannlicher               | .296     | 49.1                     | 68.11 | 9.4                   | 10.4  | 5                        | 5     | 2,500                 | Steel.....       | 253                            | 1,998             |                                  |   |  |
| France.....          | Lee                      | .315     | 51.4                     | 72.1  | 9.9                   | 10.10 | 8                        | 5     | 2,187                 | Nickel.....      | 274                            | 1,990             |                                  |   |  |
| Germany.....         | Mausier                  | .311     | 48.8                     | 57.6  | 8.4                   | 9.2   | 5                        | 5     | 2,240                 | Steel.....       | 268                            | 2,100             |                                  |   |  |
| Great Britain.....   | Lee-Metford.             | .303     | 49.5                     | 61.7  | 9.2                   | 10.19 | 10                       | 5     | 2,900                 | Steel and Nickel | 245                            | 2,200             |                                  |   |  |
| Greece.....          | Mannlicher               | .296     | 51.1                     | 72    | 9.2                   | 10.5  | 10                       | 5     | 2,100                 | Steel.....       | 258                            | 2,200             |                                  |   |  |
| Holland.....         | Mannlicher               | .296     | 51.1                     | 72    | 9.2                   | 10.5  | 10                       | 5     | 2,100                 | Steel.....       | 258                            | 2,200             |                                  |   |  |
| Haiti.....           | Mausier                  | .301     | 48.6                     | 66.11 | 8.6                   | 9.9   | 5                        | 5     | 2,187                 | Maileschort      | 253                            | 2,120             |                                  |   |  |
| Italy.....           | Carcano.                 | .255     | 50.7                     | 62.6  | 8.4                   | 9.17  | 6                        | 5     | 2,100                 | Copper.....      | 190                            | 3,200             |                                  |   |  |
| Japan.....           | Murata.                  | .315     | 49                       | 59    | 9                     | 9.6   | 8                        | 5     | 2,200                 | Copper.....      | 274                            | 1,900             |                                  |   |  |
| Mexico.....          | Mondragon.               | .256     | 48.9                     | 59    | 8.12                  | 8.25  | 8                        | 5     | 2,608                 | White Metal      | 193                            | 2,302             |                                  |   |  |
| Morocco.....         | Mausier                  | .301     | 50.2                     | 60.04 | 8.6                   | 9.6   | 5                        | 5     | 2,190                 | Maileschort      | 269                            | 1,968             |                                  |   |  |
| Norway.....          | Krag-Jorgenson           | .256     | 50.6                     | 62.1  | 8.8                   | 9.4   | 5                        | 5     | 2,400                 | Nickel.....      | 189                            | 2,530             |                                  |   |  |
| Portugal.....        | Kropatchek.              | .315     | 51.7                     | 70.4  | 10.4                  | 10.4  | 8                        | 5     | 2,500                 | Copper.....      | 185                            | 1,884             |                                  |   |  |
| Peru.....            | Mannlicher               | .313     | 49.1                     | 69.11 | 9.4                   | 10.4  | 5                        | 5     | 2,200                 | Steel.....       | 253                            | 1,998             |                                  |   |  |
| Persia.....          | Mausier                  | .301     | 50.2                     | 60.04 | 8.6                   | 9.5   | 5                        | 5     | 2,190                 | Maileschort      | 269                            | 1,968             |                                  |   |  |
| Paraguay.....        | Mausier                  | .276     | 50.4                     | 60    | 9.7                   | 10.5  | 5                        | 5     | 2,400                 | Steel.....       | 210.7                          | 2,285             |                                  |   |  |
| Roumania.....        | Mannlicher               | .315     | 60.4                     | 62.3  | 9.9                   | 10.8  | 5                        | 5     | 3,000                 | Maileschort      | 266                            | 2,115             |                                  |   |  |
| Spain.....           | Mausier                  | .276     | 50.1                     | 60    | 8.6                   | 9.7   | 5                        | 5     | 2,200                 | Maileschort      | 269                            | 2,285             |                                  |   |  |
| Servia.....          | Koka                     | .264     | 51.2                     | 64.3  | 8.2                   | 9.8   | 5                        | 5     | .....                 | Steel.....       | 270                            | 2,100             |                                  |   |  |
| Sweden.....          | Mausier                  | .256     | 49.01                    | 68.1  | 8.8                   | 10.3  | 5                        | 5     | 2,100                 | Copper.....      | 276                            | 2,004             |                                  |   |  |
| San Salvador.....    | Mausier                  | .256     | 49.01                    | 68.1  | 8.8                   | 10.3  | 5                        | 5     | 2,100                 | Copper.....      | 276                            | 2,004             |                                  |   |  |
| Siam.....            | Mannlicher               | .315     | 50.4                     | 62.3  | 9.9                   | 10.8  | 5                        | 5     | 3,000                 | Maileschort      | 266                            | 2,115             |                                  |   |  |
| Sarawak.....         | Mausier                  | .256     | 49.01                    | 68.1  | 8.8                   | 10.3  | 5                        | 5     | 2,100                 | Copper.....      | 276                            | 2,004             |                                  |   |  |
| Switzerland.....     | Schmidt-Rubln.           | .296     | 51.2                     | 62.9  | 9.4                   | 10.4  | 12                       | 5     | 1,600                 | Lead and Nickel  | 269                            | 1,968             |                                  |   |  |
| Turkey.....          | Mausier                  | .301     | 50.2                     | 60.04 | 8.6                   | 9.5   | 5                        | 5     | 2,190                 | Maileschort      | 269                            | 1,968             |                                  |   |  |
| Uruguay.....         | Mausier                  | .276     | 50.4                     | 60    | 9.7                   | 10.5  | 5                        | 5     | 2,400                 | Steel.....       | 210.7                          | 2,285             |                                  |   |  |
| Venezuela.....       | Krag-Jorgenson           | .256     | 50.6                     | 62.1  | 8.8                   | 9.3   | 5                        | 5     | 2,406                 | Nickel.....      | 182                            | 2,200             |                                  |   |  |
|                      | Mausier                  | .276     | 50.4                     | 60    | 9.7                   | 10.5  | 5                        | 5     | 2,400                 | Steel.....       | 210.7                          | 2,285             |                                  |   |  |



## RIFLES USED BY THE PRINCIPAL POWERS OF THE WORLD—Continued.

## RIFLES AND SMALL ARMS.

In official tests made recently comparing the Mauser, calibre .30, and the Krag-Jørgenson, calibre .30, rifles, it was shown that from either gun twenty shots a minute with a good degree of accuracy could be fired, while without aiming twenty shots could be fired in forty seconds. When used as single loaders it was shown that forty shots could be fired with great accuracy in two minutes, while the continuity of magazine fire with either did not exceed that of the same when employed as single loaders. A practical test was further made with these two guns by taking a number of men who had never before handled both guns, and were accustomed solely to the swinging block system of the Springfield. It was found that twenty shots could be fired with fair accuracy in one minute and fifty seconds. As these two rifles were selected as the highest of any type used by any of the great powers, they may be considered as the best military rifles made.

A mistake has been made by some military writers in late years in advocating the use of the magazine rifle. The normal supply of ammunition a soldier carries about his person is 120 rounds, or about twelve pounds weight. At the rate of ten shots per minute, which surely is reasonable, the supply would be exhausted in twelve minutes, while if the magazine were used and twenty shots a minute fired his supply would be entirely gone in six minutes. This consideration is a new factor in the discipline of the modern soldier, who is guided not only by the obedience he inclines to give his officer, but by the training which enables him to do it, and to control himself and act with coolness, and take if necessary the initiative or obey that of others.

It is worthy of remark that notwithstanding the reported experience of volunteers during the Spanish-American War the troops in the Philippines soon learned that the Springfield rifle did more execution than the Krag on the Filipinos. It has the "stopping" effect, while the Krag, with higher velocity and greater range, passes through men with their bareely feeling it. This, it is true, is only at certain ranges. At others the wound of the Krag-Jørgenson rifle is terrible. The cause was explained in THE WORLD ALMANAC for 1899.

Some of the conclusions reached by medical officers as to the effects of new small-calibre guns and powerful powders are: 1. That while weapons like the Mauser leave nothing to be desired on the score of humanity, they are failures in that they do not serve the special service for which they were intended. Soldiers fire with the intention of putting as many as possible of the enemy hors du combat, but when the bullets bore neat little holes through flesh and bone, and, except when vital organs are traversed, cause no shock to the system, then the soldier's task is more difficult and prolonged. In other words, guns of the Mauser type prolong conflicts. 2. The missiles from new rifles do greater harm or are more effective at long range than at short, but, unlike the old bullets, clothing is not so apt to be carried into the flesh, and thus poison it. 3. Abdominal wounds are now almost always fatal.

## SMOKELESS POWDERS.

It is remarkable that it was the effort to produce small arms which gave longer ranges, with more searching powers, that led to the development of smokeless powder. A high authority on this subject says: "Its production had not been by design, and the desirability of even this property (smokelessness) at the time was questioned by high military authority." As a resumé of what may be considered the latest conclusions on this subject the same authority says: "At present there is unquestionable unanimity as to the desirability of the absence of smoke from the battlefield, but this absence of smoke is viewed by real soldiers not so much as a safeguard for themselves as for the advantage it carries with it in clearing the field for skilful action. The conclusion would seem to be that practical experience in the Santiago campaign sustains the claim that troops furnished with smokeless powder have the advantage over troops which are not so supplied. This conclusion should, however, in turn be qualified by the fact that many line officers of our army of high rank, prior to the campaign, openly and emphatically expressed their preference for the Springfield rifle even using smoky powder."

As a matter of fact, a satisfactory smokeless powder does not exist. Neither France, Germany, nor Russia possesses one, and they are continually experimenting with the hope of discovering some compound that will answer the many and hard tests required of it. England professes confidence in cordite, but when used in American guns it is found to erode the metal of the guns to such an extent as to shorten their lives materially. All powders that amount to anything contain more or less of nitro-glycerine. In small quantities, as in small-arm cartridges, there is no appreciable effect from erosion, but in larger quantities it is so great an element that a few discharges have been known to put guns out of service. It is still a problem, and to the inventor or discoverer who first gets a satisfactory smokeless powder there awaits a fame and fortune of immense proportions.

Lyddite, which figures so extensively in the British-Boer War, is a high explosive named from a small town in Kent, England, and is composed of picric acid brought into a dense state by fusion. Picric acid is obtained by the action of nitric acid on phenol or carbolic acid. Its destructive effect in a shell is eleven times that of powder, and it kills more by air concussion than flying fragments.

## STRENGTH OF MODERN POWDERS AND HIGH EXPLOSIVES.

| NAME OF EXPLOSIVE.   | Percent-<br>age of<br>Strength. | NAME OF EXPLOSIVE.       | Percent-<br>age of<br>Strength. |
|--|---------------------------------|--------------------------|---------------------------------|
| Perunite B.....  | 100.0                           | Cannonite .....          | 62.0                            |
| Perunite C.....  | 91.0                            | Amide powder.....        | 59.0                            |
| Perunite D.....  | 83.0                            | Progressite.....         | 58.5                            |
| Explosive gelatine.....                                    | 81.0                            | Tonite.....              | 57.0                            |
| Rack-a-rock.....   | 79.0                            | Bellite.....             | 56.0                            |
| Hellonite.....   | 78.0                            | Oxonite.....             | 54.4                            |
| Nitro-glycerine, best quality.....                         | 73.0                            | Atlas powder, No. 1..... | 54.0                            |
| Nobel's smokeless powder.....                              | 70.0                            | Melinite.....            | 49.0                            |
| Explosive gelatine made from No. 5<br>nitro-glycerine..... | 68.0                            | Silver fulminate.....    | 48.2                            |
| United States Navy gun-cotton.....                         | 67.5                            | Mercury fulminate.....   | 47.5                            |
| Fulgurite.....   | 67.0                            | Rifle powder.....        | 35.0                            |
| Emmensite.....   | 66.0                            | Mortar powder.....       | 30.0                            |
| French nitro-glycerine.....                                | 63.0                            | Rossel's mixture.....    | 59.5                            |
| Dynamite No. 1.....  | 62.6                            | Americanite.....         | 82.0                            |
|  |                                 | Schnebelite.....         | 80.0                            |

## United States Warships.

A COMPLETE LIST OF THE WAR VESSELS OF THE UNITED STATES FROM THE REVOLUTION TO THE PRESENT TIME (1775-1900).

GIVING THE DATE OF PURCHASE OR CONSTRUCTION, THE RIG, CLASS, ARMAMENT, COST (SO FAR AS IS KNOWN), AND FATE OF EVERY WAR VESSEL OWNED BY THE UNITED STATES FOR 125 YEARS.

Prepared for THE WORLD ALMANAC by Edgar Stanton Maclay, A. M., Author of "A History of the United States Navy," "A History of American Privateers," "Reminiscences of the Old Navy," Editor of "William Maclay's Journal" (U. S. Senator from Pennsylvania, 1789-1791).

## NAVY OF THE REVOLUTION.

NOTE.—Pur., purchased; Bor., borrowed; Capt., captured.

WHEN the original thirteen Colonies began their struggle for independence they had, of course, no navy. Owing to the many dangers attending commerce on the high seas, not only from the interference of British cruisers but from those of other nations—to say nothing of buccaneers—most of our merchantmen had been constructed quite as much with a view to fighting as to carrying cargoes, so that many of our merchant craft were readily converted into formidable war vessels. The first fourteen vessels in the following list were purchased merchantmen. The Alfred, for instance, had been the trader Black Prince and was renamed Alfred in honor of Alfred the Great; the Columbus had been the Sally, etc. On December 13, 1775, Congress authorized the construction of five 32-gun, five 28-gun, and three 24-gun frigates. These are the vessels in the following list marked thus \*, and were the first regularly authorized and constructed warships of the United States Navy:

| When Built,<br>Pur. or Bor. | NAME.              | Rig.         | Guns. | How<br>Acquired. | Remarks.   | When Lost,<br>Sold, Cap-<br>tured, etc. |
|-----------------------------|--------------------|--------------|-------|------------------|--|---|
| 1775                        | Alfred .....       | Ship .....   | 24    | Pur...           | The Colonial flag, bearing the motto, "Don't Tread on Me," was first displayed on a warship in this vessel, being hoisted by John Paul Jones, January, 1776. The Alfred was captured by two British cruisers at sea in ..... | 1778                                    |
| 1775                        | Andrea Doria ..... | Brig .....   | 14    | Pur...           | First United States warship to receive a foreign salute, the Governor of St. Eustatia being removed for his indiscretion. Was burned in Delaware Bay to prevent falling into enemy's hands. ....                             | 1777                                    |
| 1775                        | Cabot .....        | Brig .....   | 14    | Pur...           | While commanded by Captain Joseph Olney he was chased ashore by British 32-gun frigate Milford on coast of Nova Scotia and burned, March. ....   | 1777                                    |
| 1775                        | Columbus .....     | Ship .....   | 24    | Pur...           | Was chased ashore on Point Judith by British squadron, April 1. ....   | 1778                                    |
| 1775                        | Fly .....          | Schooner ..  | 8     | Pur...           | Probably destroyed with the Wasp. ....   | 1777                                    |
| 1775                        | Hampden .....      | Brig .....   | 14    | Pur...           | Ran on rocks off Rhode Island and was condemned. ....  | 1776                                    |
| 1775                        | Hornet .....       | Sloop .....  | 10    | Pur...           | Originally the trader Falcon. Burned in Delaware Bay to prevent falling into enemy's hands. ....   | 1777                                    |
| 1775                        | Independence ..... | Sloop .....  | 10    | Pur...           | } All these sloops are supposed to have been destroyed in the Delaware to prevent falling into enemy's hands. ....   | 1777                                    |
| 1775                        | Mosquito .....     | Sloop .....  | 4     | Pur...           |  |   |
| 1775                        | Sachem .....       | Sloop .....  | 10    | Pur...           | } Captured off coast of France by British cutter Alert, September 20. ....   | 1777                                    |
| 1775                        | Lexington .....    | Brig .....   | 24    | Pur...           |  |   |
| 1775                        | Providence .....   | Brig .....   | 12    | Pur...           | Blown up by her crew in the Penobscot to prevent falling into enemy's hands, August 13. ....   | 1779                                    |
| 1775                        | Reprisal .....     | Brig .....   | 16    | Pur...           | First United States war craft to visit Europe, having Franklin as passenger. Foundered off Newfoundland Banks, all perishing except the cook. ....   | 1778                                    |
| 1775                        | Wasp .....         | Schooner ..  | 8     | Pur...           | One of our first warships to put to sea, originally the Scorpion. Was blown up in Delaware Bay to prevent falling into enemy's hands. ....   | 1777                                    |
| 1776                        | Boston* .....      | Ship .....   | 24    | Built.           | Built at Boston. Captured with the Providence when Charleston fell. ....   | 1780                                    |
| 1776                        | Congress* .....    | Ship .....   | 28    | Built.           | Built at Poughkeepsie and was destroyed to prevent falling into hands of enemy in North River. ....  | 1777                                    |
| 1776                        | Delaware* .....    | Ship .....   | 24    | Built.           | Built at Philadelphia and was captured by British (before she could get to sea) in the Delaware. ....  | 1777                                    |
| 1776                        | Dolpha .....       | Cutter ..... | 10    | Pur...           | Purchased in France, where she was fitted out. Supposed to have been destroyed in the Delaware. ....   | 1777                                    |
| 1776                        | Effingham* .....   | Ship .....   | 28    | Built.           | Built at Philadelphia. Was destroyed by enemy before she had received her armament in Delaware Bay. ....   | 1778                                    |
| 1776                        | Hancock* .....     | Ship .....   | 22    | Built.           | Built at Boston and was captured at sea by British squadron in May. ....   | 1777                                    |
| 1776                        | Montgomery* .....  | Ship .....   | 24    | Built.           | Built at Poughkeepsie and destroyed in North River to prevent falling into the hands of the enemy. ....  | 1777                                    |
| 1776                        | Providence* .....  | Ship .....   | 28    | Built.           | Built in Rhode Island. Was captured by the enemy when Charleston surrendered, May. ....  | 1780                                    |
| 1776                        | Raleigh* .....     | Ship .....   | 32    | Built.           | Built at Portsmouth, N. H. Was chased ashore near the mouth of the Penobscot by British squadron and captured, the Americans escaping on land, September 27. ....  | 1778                                    |
| 1776                        | Randolph* .....    | Ship .....   | 32    | Built.           | Built in Philadelphia. Attacked 64-gun ship Yarmouth in order to save her convoy, and succeeded, though Randolph was blown up and 311 of her 315 men perished, March 7. ....   | 1778                                    |
| 1776                        | Revenge .....      | Cutter ..... | 10    | Pur...           | Purchased in France, where she was fitted out. Sold in Philadelphia. ....  | 1780                                    |
| 1776                        | Surprise .....     | Cutter ..... | 10    | Pur...           | Purchased in France, where she was fitted out, made several prizes, and was seized by French Government, May. ....   | 1777                                    |
| 1776                        | Trumbull* .....    | Ship .....   | 28    | Built.           | Built at Norwich, Ct., and was captured after a severe action by a British squadron off the Delaware, August. ....   | 1781                                    |
| 1776                        | Virginia* .....    | Ship .....   | 28    | Built.           | Built at Baltimore. Chased by British squadron in Chesapeake Bay, and, running aground, was captured. ....   | 1778                                    |
| 1776                        | Warren* .....      | Ship .....   | 32    | Built.           | Built at Philadelphia and burned by her crew to prevent falling in enemy's hands in the Penobscot, August 13. ....   | 1779                                    |
| 1776                        | Washington* .....  | Ship .....   | 32    | Built.           | Built at Philadelphia. Was burned in the Delaware by the enemy before she had received her armament. ....  | 1778                                    |
| 1777                        | Alliance .....     | Ship .....   | 22    | Built.           | Built at Sallsbury, Mass., and one of the most successful vessels in the navy of the Revolution, having formed part of John Paul Jones' squadron. She was sold at Philadelphia, June 3. ....                                 | 1885                                    |
| 1777                        | Confederacy .....  | Ship .....   | 22    | Built.           | Built at Norwich, Ct. Was captured by a British squadron, June 22. ....  | 1781                                    |

| When Built,<br>Fur. or Bor. | NAME.                      | Rig.    | Guns. | How<br>Acquired. | Remarks.   | When Lost,<br>Sold, Cap-<br>tured, etc.  |
|-----------------------------|----------------------------|---------|-------|------------------|--|--|
| 1777                        | Duc de Lauzun              | Ship    | 20    | Par...           | Purchased in France. Sold in   | 1783   |
| 1777                        | Indian, or South Carolina. | Ship    | 40    | Bor..            | Built at Amsterdam for Louis XVI., who loaned her to the Duke of Luxemburg and the latter hired her to the State of South Carolina for three years for one-fourth of the prize money she might make. She was captured by a British squadron in     | 1782   |
| 1777                        | Queen of France            | Ship    | 28    | Par...           | Built at Nantes. Captured by the enemy on the fall of Charleston, May  | 1780   |
| 1777                        | Ranger                     | Ship    | 18    | Built.           | Built at Portsmouth, N. H., and was commanded by Captain John Paul Jones when he captured the Drake. She was captured by the enemy when Charleston fell  | 1780   |
| 1777                        | Saratoga                   | Ship    | 18    | Built.           | Put to sea early in October, 1780, and after the 8th of that month was not heard from. Supposed to have foundered and all hands lost.  | 1780   |
| 1777                        | The Hague                  | Ship    | 32    | Par...           | Purchased in Europe. Sold in   | 1783   |
| 1778                        | General Gates              | Ship    | 18    | Built.           | Broken up or sold at close of war  | 1783   |
| 1779                        | Bonhomme Richard.          | Ship    | 42    | Bor..            | Formerly a French Indiaman called the Duc de Duras. Borrowed by Captain John Paul Jones, and was his flagship in his famous action with the Serapis. Sunk in the battle, September 23.   | 1779   |
| 1779                        | Diligent                   | Brig    | 14    | Capt..           | Captured from the British by 19-gun brig Providence. Burned by the Americans to prevent falling into hands of enemy, August 13.  | 1779   |
| 1779                        | Ariel                      | Ship    | 20    | Bor..            | These vessels were borrowed from the French and were returned...   | 1779   |
| 1779                        | Carf                       | Cutler. | 18    | Bor..            |  | 1779   |
| 1779                        | Pallas                     | Ship    | 30    | Bor..            |  | 1779   |
| 1779                        | Vengeance                  | Brig    | 12    | Bor..            |  | 1779   |
| 1782                        | America                    | Ship    | 74    | Built.           |  | Built at Portsmouth, N. H., to replace a French 74-gun ship lost in Boston harbor in 1782. Was the first 74-gun ship built for our navy, the first command of her being given to Captain John Paul Jones by a unanimous vote of Congress. Was finally captured from the French by the English. |
| 1782                        | Gen. Washington            | Ship    | 30    | Capt..           | Captured from the British by Captain Joshua Barney. She had been an American privateer, was taken by the enemy, who renamed her General Monk, and, on being recaptured by the Hyder Ally, was taken into the navy under her original name. Sold in | 1784   |

SUMMARY OF THE NAVY OF THE REVOLUTION.—Forty-seven war vessels, mounting 1,054 guns. Of these 12 were captured by the enemy, 16 were destroyed to prevent falling into the hands of the enemy, 2 were lost at sea, 4 were condemned, and 4 were sold.

LAKE CHAMPLAIN FLOTILLA.

Besides these vessels there were on Lake Champlain:

| When Built,<br>Fur. or Bor. | NAME.        | Rig.     | Guns. | Swivels. | Men. | Remarks.   | When Lost,<br>Sold, Cap-<br>tured, etc. |
|-----------------------------|--------------|----------|-------|----------|------|--|---|
| 1776                        | Boston       | Gondola  | 5     | 35       |      | (This flotilla, under the command of General Arnold and manned mostly by soldiers, fought the British squadron October 11 to October 13, and, though defeated, it gave the enemy such a hard fight that it frustrated their ultimate design of invading New York from the north. Most of the American vessels were destroyed or captured.) | 1776                                    |
| 1776                        | Congress     | Galley   | 14    | 80       |      |  | 1776                                    |
| 1776                        | Connecticut  | Gondola  | 3     | 45       |      |  | 1776                                    |
| 1776                        | Enterprise   | Sloop    | 12    | 50       |      |  | 1776                                    |
| 1776                        | Gates        | Galley   | 8     | 80       |      |  | 1776                                    |
| 1776                        | Jersey       | Gondola  | 3     | 45       |      |  | 1776                                    |
| 1776                        | Lee          | Galley   | 6     | 86       |      |  | 1776                                    |
| 1776                        | Liberty      | Schooner | 8     | 25       |      |  | 1776                                    |
| 1776                        | New Haven    | Gondola  | 8     | 45       |      |  | 1776                                    |
| 1776                        | New York     | Gondola  | 8     | 45       |      |  | 1776                                    |
| 1776                        | Philadelphia | Gondola  | 8     | 45       |      |  | 1776                                    |
| 1776                        | Providence   | Gondola  | 3     | 45       |      |  | 1776                                    |
| 1776                        | Revenge      | Schooner | 2     | 50       |      |  | 1776                                    |
| 1776                        | Royal Savage | Schooner | 12    | 50       |      |  | 1776                                    |
| 1776                        | Spitäre      | Gondola  | 3     | 45       |      |  | 1776                                    |
| 1776                        | Trumbull     | Galley   | 8     | 80       |      |  | 1776                                    |
| 1776                        | Washington   | Galley   | 8     | 80       |      |  | 1776                                    |

SUMMARY OF THE LAKE CHAMPLAIN FLOTILLA.—Seventeen vessels, carrying 118 guns, 210 swivels, and 1,061 men. The Liberty and Gates were not engaged in the fight.

THE COUNTRY WITHOUT A NAVY.

On the close of the struggle for independence the navy had been reduced to a minimum, and by 1785 the last war craft had been sold, so that from 1785 to 1797 the country was without naval protection. The arguments against a standing army and a permanent navy are well summed up by William Maclay, who, with Robert Morris, represented Pennsylvania in the first United States Senate: "It is the design of the Court party to have a fleet and an army. This is but the entering wedge of a new monarchy in America, after all the bloodshed and sufferings of a seven years' war to establish a republic. The Indian war is forced forward to justify our having a standing army, and eleven unfortunate men, now in slavery in Algiers, is the pretext for fitting out a fleet." In another place Mr. Maclay said: "This thing of a fleet has been working among our members all the session. I have heard it break out often. It is another menace to our republican institutions."

The fallacy of these arguments was soon demonstrated in a most forcible manner. British and other foreign maritime powers, and even the piratical states of Barbary, soon began to prey upon our commerce, causing losses to our merchants which amounted to millions of dollars. Washington saw the necessity of a permanent and progressive navy when he said in his message to Congress: "To an active, external commerce, the protection of a naval force is indispensable," and he added: "To secure respect to a neutral flag requires a naval force organized and ready to vindicate it from insult or aggression." The losses the country sustained from the encroachments of aliens on its commerce were many times greater than the cost of maintaining a navy adequate for its protection would have been. Viewed in whatever light it may be, the expense of maintaining a respectable and progressive navy is nothing more than a safe and economical insurance on the prosperity of the country.

Congress was quickly brought to a recognition of this truth, and on April 30, 1798, a Secretary of the Navy was added to the President's Cabinet, Benjamin Stoddert being the first to fill that office. The construction of a new navy was now begun in earnest, and the first group of warships, that was destined to make the United States navy famous, was completed.

It will be noted that in building the new navy, carronades, or guns having a short range but greater smashing power, were first generally introduced in United States warships.

## RECONSTRUCTION OF THE NAVY.

NOTE.—P., purchased. Vessels marked thus \* were taken from the Revenue Service.

| Date. | NAME.                    | Rig.     | Guns. | Tonn. | Where Built. | Cost.                  | Sold, etc.           | Date.   |      |
|-------|--------------------------|----------|-------|-------|--------------|------------------------|----------------------|---|------|
| 1797  | Constellation.....       | Ship..   | 36    | 340   | 1265         | Baltimore.....         | \$214,212            | Rebuilt and still in service.....                         | 1900 |
| 1797  | Constitution.....        | Ship..   | 44    | 400   | 1576         | Boston.....            | \$68,719             | Rebuilt and still in service.....                         | 1900 |
| 1797  | Criscuti.....            | Ship..   | 36    | 340   | 1265         | Portsmouth.....        | \$300,000            | Presented to the Bay of Algiers.....                      | 1798 |
| 1797  | Unit d. States.....      | Ship..   | 44    | 400   | 1576         | Philadelphia.....      | \$298,336            | Launched July 10, broken up.....                          | 1858 |
| 1798  | Baltimore.....           | Ship..   | 20    | 180   | 422          | Baltimore.....         | \$56,277             | Sold for \$20,200, broken up.....                         | 1801 |
| 1798  | Connecticut (2).....     | Ship..   | 24    | 220   | 492          | Middletown.....        | \$7,260              | Sold for \$19,300.....                                    | 1801 |
| 1798  | D. Lawrence (2).....     | Ship..   | 20    | 180   | 321          | Philadelphia.....      | \$9,563              | Sold for \$23,600.....                                    | 1801 |
| 1798  | *Diligence.....          | Schr..   | 12    | 50    | 187          | Philadelphia.....      | .....                | Sold.....   | 1801 |
| 1798  | *Eagle.....              | Brig..   | 14    | 70    | 337          | Philadelphia.....      | \$32,300             | Sold for \$10,556.....                                    | 1801 |
| 1798  | *Bangs.....              | Ship..   | 24    | 220   | 504          | P. Philadelphia.....   | \$0,665              | Sold for \$21,000.....                                    | 1801 |
| 1798  | *General Greene.....     | Sloop..  | 10    | 34    | 98           | Philadelphia.....      | .....                | Sold for \$82,000.....                                    | 1801 |
| 1798  | *Geo. Washington.....    | Ship..   | 24    | 220   | 6.4          | P. Providence.....     | \$8,025              | Sold for \$2,000.....                                     | 1803 |
| 1798  | *Governor Jay.....       | Schr..   | 14    | 70    | 157          | New York.....          | 4,955                | Sold for \$3,000.....                                     | 1801 |
| 1798  | *Harold.....             | Ship..   | 18    | 140   | 279          | Boston.....            | 47,780               | Sold for \$17,348.....                                    | 1801 |
| 1798  | *Marrimac.....           | Ship..   | 24    | 220   | 530          | Newburyport.....       | 46,170               | Sold for \$1,84.....                                      | 1801 |
| 1798  | *Montezuma.....          | Ship..   | 20    | 180   | 347          | Baltimore.....         | \$55,232             | Sold for \$1,600.....                                     | 1801 |
| 1798  | *Norfolk.....            | Brig..   | 18    | 140   | 200          | Norfolk.....           | 18,720               | Sold for \$3,240.....                                     | 1801 |
| 1798  | *Pickering.....          | Brig..   | 14    | 90    | 187          | Boston.....            | 32,126               | Lost at sea.....  | 1800 |
| 1798  | *Pinckney.....           | Brig..   | 18    | 140   | 195          | Charleston.....        | 20,060               | Sold for \$13,450.....                                    | 1800 |
| 1798  | *Portsmouth.....         | Ship..   | 24    | 220   | 593          | Portsmouth.....        | 59,560               | Sold for \$4,356.....                                     | 1801 |
| 1798  | *R. Tallan.....          | Schr..   | 14    | 70    | 107          | Capt. from French..... | .....                | Recaptured by French.....                                 | 1798 |
| 1798  | *Richmond.....           | Brig..   | 14    | 140   | 300          | Norfolk.....           | 27,597               | Sold for \$3,250.....                                     | 1801 |
| 1798  | *Scammell.....           | Ship..   | 18    | 70    | 187          | Charleston.....        | 20,000               | Sold for \$3,500.....                                     | 1801 |
| 1798  | *South Carolina.....     | Schr..   | 12    | 50    | 187          | Charleston.....        | 5,330                | .....   | 1801 |
| 1798  | *Trumbull (3).....       | Ship..   | 24    | 220   | 400          | Norwich.....           | 58,495               | Sold for \$26,500.....                                    | 1801 |
| 1798  | *Virginia (2).....       | Schr..   | 14    | 70    | 187          | Norfolk.....           | .....                | Sold.....   | 1801 |
| 1798  | *Warrington (2).....     | Ship..   | 20    | 166   | 385          | Boston.....            | 34,702               | Sold for \$19,747.....                                    | 1801 |
| 1798  | *Adams.....              | Ship..   | 25    | 220   | 530          | New York.....          | 75,632               | Burned.....   | 1814 |
| 1798  | *Augusta.....            | Brig..   | 14    | 8     | 240          | Baltimore.....         | 16,294               | Sold for \$19,889.....                                    | 1801 |
| 1798  | *Boston (3).....         | Ship..   | 29    | 250   | 700          | Boston.....            | 119,570              | Burned.....   | 1814 |
| 1798  | *Chesapeake.....         | Ship..   | 56    | 340   | 1244         | Norfolk.....           | 220,473              | Captured by the Shannon, June 1.....                      | 1813 |
| 1798  | *Congress (3).....       | Ship..   | 36    | 340   | 1208         | Portsmouth.....        | 197,376              | Broken up.....  | 1836 |
| 1798  | *Enterprise (2).....     | Schr..   | 12    | 70    | 135          | Baltimore.....         | 16,240               | In 1811 enlarged and rigged as a brig; wrecked.....       | 1823 |
| 1799  | *Essex.....              | Ship..   | 32    | 300   | 850          | Salem.....             | 139,319              | Captured March 28.....                                    | 1814 |
| 1799  | *General Greene (2)..... | Ship..   | 28    | 250   | 645          | Warren, R. I.....      | 105,432              | Burned.....   | 1814 |
| 1799  | *Insurgent.....          | Ship..   | 36    | 240   | 1809         | Captured.....          | Appraised at 96,440  | Captured from French February 9, 1799; lost at sea.....   | 1800 |
| 1799  | *John Adams.....         | Ship..   | 28    | 220   | 544          | Charleston.....        | 112,505              | Broken up (was longer on one side than on the other)..... | 1829 |
| 1799  | *Maryland.....           | Ship..   | 20    | 180   | 350          | Baltimore.....         | 70,249               | Sold for \$20,260.....                                    | 1801 |
| 1799  | *New York (2).....       | Ship..   | 36    | 340   | 1130         | New York.....          | 169,639              | Broken up.....  | 1814 |
| 1799  | *Patapsco.....           | Ship..   | 20    | 180   | 350          | Baltimore.....         | 75,104               | Sold for \$24,800.....                                    | 1801 |
| 1799  | *Philadelphia (2).....   | Ship..   | 36    | 307   | 1240         | Philadelphia.....      | 173,349              | Burned in Tripoli by Americans, Feb. 16.....              | 1801 |
| 1800  | *Experimental.....       | Schr..   | 12    | 70    | 135          | .....                  | 16,819               | Sold for \$3,447.....                                     | 1801 |
| 1800  | *Präsident.....          | Ship..   | 44    | 400   | 1576         | New York.....          | 220,910              | Captured January 15.....                                  | 1815 |
| 1803  | *Argus.....              | Brig..   | 16    | 120   | 298          | Boston.....            | 37,228               | Captured August 14.....                                   | 1813 |
| 1803  | *Intrepid.....           | Ketch..  | 4     | 70    | .....        | .....                  | .....                | Blown up September 4.....                                 | 1904 |
| 1803  | *Nautilus.....           | Schr..   | 12    | 103   | 185          | Baltimore.....         | 15,763               | Rig changed to a brig in 1810; captured July 1.....       | 1812 |
| 1803  | *Siren.....              | Brig..   | 16    | 137   | 250          | Philadelphia.....      | 32,522               | Captured July 12.....                                     | 1814 |
| 1803  | *Vixen.....              | Brig..   | 12    | 111   | 185          | Baltimore.....         | 20,873               | Captured November 22.....                                 | 1812 |
| 1804  | *Hornet (2).....         | Sloop..  | 10    | ..... | .....        | Malta.....             | .....                | Sold.....   | 1806 |
| 1804  | *Scourge.....            | Brig..   | 16    | 80    | .....        | .....                  | 5,000                | Sold.....   | 1812 |
| 1804  | *Viper.....              | Brig..   | 10    | ..... | .....        | .....                  | .....                | Captured January 17.....                                  | 1813 |
| 1805  | *Hornet (3).....         | Brig..   | 18    | 140   | 440          | Baltimore.....         | 52,603               | Rig changed to a sloop in 1811; wrecked.....              | 1829 |
| 1805  | *Spartan (2).....        | Ketch..  | 3     | 30    | 102          | Boston.....            | 7,000                | Broken up.....  | 1820 |
| 1805  | *Vengeance.....          | Bomb B   | 3     | 30    | 102          | Boston.....            | 15,443               | Broken up.....  | 1818 |
| 1806  | *Etna.....               | Bomb B   | 11    | 80    | 139          | Portland.....          | .....                | Lost at sea.....  | 1812 |
| 1806  | *Vesuvius.....           | Bomb B   | 11    | 50    | .....        | Boston.....            | 23,659               | Broken up.....  | 1829 |
| 1806  | *Wasop (2).....          | Ship..   | 18    | 140   | 450          | Washington.....        | .....                | Captured October 18.....                                  | 1812 |
| 1807  | *Revenge (3).....        | Schr..   | 12    | ..... | .....        | .....                  | .....                | Lost off New York.....                                    | 1811 |
| 1812  | *Alert.....              | Ship..   | 20    | ..... | .....        | Captured.....          | 11,000               | Broken up.....  | 1829 |
| 1812  | *Carolina (2).....       | Ship..   | 14    | 100   | 280          | Charleston.....        | 8,743                | Blew up.....  | 1814 |
| 1812  | *F. r. r. (2).....       | Schr..   | 8     | 53    | .....        | Charleston.....        | 3,500                | Lost at Stony Inlet.....                                  | 1814 |
| 1812  | *Louisiana.....          | Ship..   | 16    | ..... | 341          | New Orleans.....       | 15,500               | Broken up.....  | 1821 |
| 1812  | *Macedonian.....         | Ship..   | 38    | 362   | 1225         | Captured.....          | Appraised at 200,000 | Broken up.....  | 1835 |
| 1812  | *Non such.....           | Schr..   | 14    | 61    | 148          | Charleston.....        | 15,000               | Broken up.....  | 1826 |
| 1812  | *Sea Horse.....          | Schr..   | 1     | 14    | .....        | New Orleans.....       | .....                | Burned.....   | 1814 |
| 1812  | *Tickler.....            | Sloop..  | M     | ..... | .....        | New Orleans.....       | 900                  | Sold.....   | 1818 |
| 1812  | *Troup.....              | Brig..   | 16    | ..... | .....        | Savannah.....          | 8,000                | Sold.....   | 1815 |
| 1813  | *Alligator.....          | Schr..   | 4     | 40    | 50           | New Orleans.....       | .....                | Sunk.....   | 1814 |
| 1813  | *Asp.....                | Sloop..  | 11    | 8     | .....        | New Orleans.....       | .....                | Captured.....   | 1824 |
| 1813  | *Erie.....               | Cutter.. | 3     | 91    | 5            | Alexandria.....        | 2,600                | Sold.....   | 1824 |
| 1813  | *Essex, Jr.....          | Ship..   | 18    | 140   | 509          | Baltimore.....         | 56,174               | Broken up.....  | 1841 |
| 1813  | *Etna, Jr.....           | Bomb..   | 11    | 60    | 335          | Captured.....          | Appraised at 235,000 | Sold in New York.....                                     | 1815 |
| 1813  | *Frolic.....             | Ship..   | 12    | 140   | 509          | Boston.....            | 72,695               | Condemned.....  | 1817 |
|       |                          |          |       |       |              |                        |                      | Captured off Havana, April 20.....                        | 1814 |

| Date. | NAME.          | Rig.  | Guns. | Men.  | Tons. | Where Built. | Cost.   | Sold, etc.  | Date. |
|-------|----------------|-------|-------|-------|-------|--------------|---------|---|-------|
| 1813  | Georgiana      | Ship  | 16    | 280   | 880   | Captured     | .....   | Recaptured  | 1814  |
| 1813  | Greenwich      | Ship  | 16    | 338   | ..... | Captured     | .....   | Burned  | 1814  |
| 1813  | Hellen         | Schr. | 4     | ..... | ..... | Philadelphia | \$5,000 | Lost in Delaware Bay                                | 1815  |
| 1813  | Hornet (4)     | Schr. | 5     | 57    | ..... | Georgetown   | 2,200   | Broken up   | 1820  |
| 1813  | Peacock        | Ship  | 18    | 140   | 609   | Boston       | 75,644  | Broken up   | 1823  |
| 1813  | Rattlesnake    | Brig. | 14    | 120   | 278   | Medford      | 12,860  | Captured at sea                                     | 1814  |
| 1813  | Vixen (2)      | Brig. | 14    | ..... | ..... | Savannah     | 6,900   | Captured December 25                                | 1813  |
| 1813  | Wasp (3)       | Ship  | 18    | 140   | 609   | Newburyport  | 77,459  | Lost at sea   | 1814  |
| 1814  | Argus (2)      | Ship  | 13    | ..... | ..... | Washington   | .....   | Burned  | 1814  |
| 1814  | Duffalo        | Sloop | 5     | ..... | ..... | Philadelphia | .....   | Sold  | 1816  |
| 1814  | Bull Dog       | Ship  | 2     | 15    | ..... | .....        | .....   | Sold  | 1821  |
| 1814  | Camel          | Stoop | 5     | ..... | ..... | Philadelphia | .....   | Sold  | 1820  |
| 1814  | Columbia       | Ship  | 44    | 1503  | ..... | Washington   | .....   | Burned on stocks                                    | 1814  |
| 1814  | Corporation    | Schr. | 2     | ..... | ..... | .....        | .....   | Sold  | 1820  |
| 1814  | Despatch       | Schr. | 2     | 23    | 50    | .....        | .....   | Sold  | 1820  |
| 1814  | Eagle (3)      | Schr. | 12    | ..... | ..... | New Orleans  | .....   | Sold  | 1820  |
| 1814  | Epervier       | Ship  | 18    | 128   | 477   | Captured     | 55,080  | Lost at sea   | 1815  |
| 1814  | Firefly        | Brig. | 14    | 333   | ..... | Baltimore    | 17,435  | Sold for \$3,500                                    | 1816  |
| 1814  | Plambeau       | Brig. | 14    | 390   | ..... | Baltimore    | 14,900  | Sold  | 1816  |
| 1814  | Fulton         | Ship  | 30    | 2090  | ..... | New York     | 320,000 | First steam vessel in United States                 | 1829  |
| 1814  | Guerriere      | Ship  | 44    | 400   | 1508  | Philadelphia | 967,554 | Navy; blown up                                      | 1841  |
| 1814  | Independence   | Ship  | 54    | 750   | 2257  | Boston       | 421,510 | Broken up   | 1900  |
| 1814  | Java           | Ship  | 44    | 400   | 1508  | Baltimore    | 232,767 | Broken up   | 1842  |
| 1814  | Jynx           | Schr. | 6     | 50    | ..... | Washington   | .....   | Lost at sea   | 1820  |
| 1814  | Prometheus     | Brig. | 12    | 290   | ..... | Philadelphia | 20,000  | Sold  | 1868  |
| 1814  | Ranger (3)     | Schr. | 1     | ..... | ..... | Baltimore    | 800     | Sold  | 1815  |
| 1814  | Roanoke        | Schr. | 7     | ..... | ..... | .....        | .....   | Transferred from State Department in 1814, and sold | 1816  |
| 1814  | Spark          | Brig. | 14    | 96    | 200   | Baltimore    | 17,289  | Sold for \$3,500                                    | 1826  |
| 1814  | Spiffire (3)   | Schr. | 12    | ..... | 261   | Baltimore    | 30,900  | Sold for \$1,500                                    | 1816  |
| 1814  | Tchifonta      | Ship  | 12    | ..... | ..... | New Orleans  | .....   | Not completed                                       | 1814  |
| 1814  | Tem Bowline    | Schr. | 12    | 90    | 240   | Portsmouth   | 13,500  | Sold  | 1818  |
| 1814  | Porch          | Schr. | 12    | ..... | 240   | Baltimore    | 13,000  | Sold for \$3,500                                    | 1816  |
| 1814  | Torpedo        | Schr. | ..... | ..... | ..... | .....        | .....   | Sold  | 1818  |
| 1814  | Washington (3) | Ship  | 74    | 756   | 2250  | Portsmouth   | 235,501 | Broken up   | 1843  |

LAKES ONTARIO, ERIE, AND CHAMPLAIN.

The following vessels were employed on Lake Ontario during the war of 1812: 14-gun brig Oneida, 243 tons; 74-gun ship New Orleans, 2,895 tons; 54-gun ship Chippewa (2), 1,745 tons; 44-gun ship Plattsburg, 1,734 tons; 44-gun ship Superior, 1,734 tons; 22-gun ship Mohawk, 1,100 tons; 15-gun ship General Pike, 875 tons; 20-gun ship Madison, 533 tons; 18-gun brig Jefferson, 460 tons; 18-gun brig Jones, 429 tons; 18-gun schooner Styb, 300 tons (all the foregoing vessels were sold or broken up by 1821); 9-gun schooner Hamilton, 120 tons, wrecked 1813; 10-gun schooner Scourge (2), 120 tons, wrecked 1813; 6-gun schooner Gov. Tompkins, 96 tons, sold for \$2,000 in 1815; 7-gun schooner Growler, 53 tons, captured 1813; 3-gun schooner Peit, 50 tons, sold for \$1,000 in 1815; 3-gun schooner Lady of the Lake, 89 tons, sold in 1815; 3-gun schooner Ontario, 82 tons, sold for \$2,540 in 1815; 2-gun schooner Fair American, 82 tons, sold for \$525 in 1815; 2-gun schooner Ontario (2), 51 tons, sold for \$1,405 in 1815; 2-gun schooner Asp (2), 57 tons, sold for \$155 in 1815; 2-gun schooner Julia, 53 tons, captured in 1813; 2-gun schooner Elizabeth, sold in 1815; 14-gun brig Ranger, sold in 1821.

On Lake Erie were the 10-gun brig Lawrence, broken up after the war; 20-gun brig Niagara, broken up after the war; 4-gun schooner Ariel, broken up after the war; 3-gun brig Caledonia, sold after the war; 2-gun schooner Scorpion, captured 1814; 2-gun schooner Somers, captured 1814; 1-gun sloop Trippe, broken up after the war; 1-gun schooner Tigress, captured 1814; 1-gun schooner Porcupine, broken up after the war; 1-gun schooner Ohio, captured 1814; 1-gun schooner Amelia, sold after the war.

On Lake Champlain were the 11-gun sloop Eagle (2) and Growler (2), which were captured by the British in 1813 and recaptured by the Americans in 1814, and sold in 1815 for \$300 each; 26-gun ship Saratoga (2), sold in 1824; the 20-gun brig Eagle (3), sold in 1824; 17-gun schooner Ticonderoga, sold in 1824; 7-gun sloop Preble, sold for \$2,480 in 1815; tea galleys, mounting 1 to 2 guns each, sold in 1815; 6-gun sloop President (2), sold for \$1,750 in 1815, and 6-gun sloop Montgomery, sold for \$1,900 in 1815.

| Date. | NAME.          | Rig.       | Guns. | Men.  | Tons. | Where Built.  | Cost.    | Sold, etc.             | Date. |
|-------|----------------|------------|-------|-------|-------|---------------|----------|------------------------|-------|
| 1816  | Box            | Brig.      | 14    | 370   | ..... | Middletown    | \$26,000 | Lost at sea            | 1817  |
| 1816  | Chippewa       | Brig.      | 14    | 390   | ..... | Warren, R. I. | 52,000   | Lost at sea            | 1816  |
| 1816  | Cyau           | Sloop      | 34    | 185   | ..... | Carpend       | 200,000  | Broken up              | 1886  |
| 1816  | Fir brand      | Schr.      | 12    | ..... | ..... | New Orleans   | 3,050    | Condemned              | 1819  |
| 1816  | Franklin       | Ship       | 74    | 880   | ..... | Philadelphia  | 438,149  | .....                  | ..... |
| 1816  | Saranac        | Brig.      | 14    | 370   | ..... | Middletown    | 26,000   | Sold                   | 1818  |
| 1816  | Surprise       | Sloop      | 15    | ..... | ..... | New Orleans   | 3,850    | Condemned              | 1820  |
| 1817  | Fox            | Schr.      | 4     | ..... | ..... | .....         | .....    | Condemned              | 1821  |
| 1818  | Columbus (2)   | Ship       | 74    | 780   | 2440  | Washington    | 426,930  | Broken up              | 1849  |
| 1820  | De la war      | Ship       | 74    | 820   | 2633  | Gosport       | 543,368  | Burned                 | 1861  |
| 1820  | North Carolina | Ship       | 74    | 800   | 2533  | Philadelphia  | 431,852  | Broken up              | 1888  |
| 1820  | Ohio (2)       | Ship       | 74    | 800   | 2577  | New York      | 547,389  | Broken up              | 1888  |
| 1820  | Poisson        | Schr.      | 12    | 158   | ..... | Portsmouth    | 25,529   | Lost at sea            | 1833  |
| 1821  | Alligator (3)  | Schr.      | 12    | 158   | ..... | Boston        | 26,909   | Lost at sea            | 1823  |
| 1821  | Dolphin (2)    | Schr.      | 12    | 158   | ..... | Philadelphia  | 25,389   | Sold                   | 1835  |
| 1821  | Grampus        | Schr.      | 12    | 158   | ..... | Washington    | 23,627   | Lost off Charleston    | 1843  |
| 1821  | Potomac        | Ship       | 44    | 480   | 1725  | Washington    | 350,000  | Broken up              | 1858  |
| 1821  | Shark          | Schr.      | 12    | 177   | ..... | Washington    | 23,627   | Lost in Columbia River | 1846  |
| 1822  | Beagle         | Schr.      | 3     | 31    | 52    | Baltimore     | 10,190   | Sold                   | 1825  |
| 1822  | Decoy          | Ship       | 6     | ..... | ..... | New York      | 6,500    | Sold                   | 1826  |
| 1822  | Ferris (2)     | Schr.      | 3     | 31    | 51    | Baltimore     | 10,190   | Lost at sea            | 1825  |
| 1822  | Fox (2)        | Schr.      | 3     | 31    | 51    | Baltimore     | 10,190   | Sold                   | 1828  |
| 1822  | Gr. ybound     | Schr.      | 3     | 31    | 55    | Baltimore     | 10,190   | Sold                   | 1824  |
| 1822  | Jackall        | Schr.      | 3     | 31    | 47    | Paltimore     | 10,190   | Sold                   | 1824  |
| 1822  | Sea Gull       | S. Gal'Pot | 3     | 31    | ..... | New York      | 28,893   | Sold for \$4,750       | 1840  |
| 1822  | Terror         | Schr.      | 3     | 31    | 61    | Baltimore     | 10,190   | Sold                   | 1825  |
| 1822  | Weas-1         | Schr.      | 3     | 31    | 53    | Baltimore     | 10,190   | Sold                   | 1825  |
| 1822  | Wild Cat       | Schr.      | 3     | 31    | 48    | Baltimore     | 10,190   | Lost at sea            | 1824  |

| Date. | NAME.          | Rig.     | Guns. | Men.  | Tons.      | Where Built.    | Cost.     | Sold, etc.   | Date. |
|-------|----------------|----------|-------|-------|------------|-----------------|-----------|--|-------|
| 1805  | Boston (4)     | Ship     | 18    | 700   | 700        | Boston          | \$109,156 | Lost at sea  | 1846  |
| 1805  | Brandywine     | Ship     | 18    | 700   | 700        | Washington      | 399,917   | Condemned  | 1847  |
| 1807  | Falmouth       | Ship     | 18    | 190   | 703        | Boston          | 115,625   | Condemned  | 1839  |
| 1807  | Ketchikan      | Ship     | 18    | 700   | Norfolk    | 104,845         | Broken up | 1840   |       |
| 1806  | Concord        | Ship     | 18    | 700   | Portsmouth | 115,325         | Lost      | 1843   |       |
| 1803  | Fairfield      | Ship     | 18    | 190   | 700        | New York        | 121,987   | Broken up  | 1858  |
| 1805  | Peacock (2)    | Ship     | 18    | 559   | New York   | 93,063          | Lost      | 1841   |       |
| 1808  | St. Louis      | Ship     | 18    | 190   | 700        | Washington      | 129,858   | Still in service                                     | 1900  |
| 1808  | Vandalia       | Ship     | 18    | 190   | 700        | Philadelphia    | 116,123   | Wrecked  | 1889  |
| 1800  | John Adams (2) | Ship     | 13    | 136   | 700        | Gosport         | 119,306   | Broken up  | 1858  |
| 1801  | Ariel (3)      | Schr.    | 1     | ..... | .....      | .....           | 4,854     | Sold   | 1838  |
| 1801  | Boxer (2)      | Schr.    | 10    | ..... | 184        | Boston          | 20,697    | Sold   | 1848  |
| 1801  | Enterprise (3) | Schr.    | 10    | ..... | 194        | New York        | 27,935    | Sold   | 1845  |
| 1801  | Experiment (2) | Schr.    | 10    | ..... | 194        | Washington      | 28,355    | Sold   | 1848  |
| 1801  | Spark (2)      | Schr.    | 1     | ..... | .....      | .....           | 4,747     | Sold   | 1833  |
| 1801  | Columbia (2)   | Schr.    | 1     | ..... | .....      | .....           | 4,756     | Lost at sea  | 1831  |
| 1805  | Columbia (2)   | Ship     | 44    | 439   | 1726       | Washington      | 326,891   | Broken up  | 1858  |
| 1806  | Consort        | Bark     | 6     | 75    | 220        | Boston          | 51,724    | Sold   | 1844  |
| 1806  | Delphia (3)    | Brig.    | 10    | 80    | 224        | New York        | 47,469    | Broken up  | 1856  |
| 1805  | Macedonian (2) | Ship     | 26    | 380   | 1341       | Gosport         | 258,872   | Broken up  | 1859  |
| 1806  | Pilot          | Schr.    | 2     | 50    | 120        | New York        | 30,375    | Sold   | 1838  |
| 1805  | Pioneer        | Brig.    | 6     | 63    | 230        | Norfolk         | 51,724    | Sold   | 1844  |
| 1805  | Porpoise (2)   | Brig.    | 10    | 80    | 224        | Boston          | 45,000    | Broken up  | ..... |
| 1805  | Relief         | Store Sp | 4     | 44    | 468        | Philadelphia    | 91,288    | Sold   | 1857  |
| 1807  | Active         | Schr.    | 2     | 50    | 123        | P. New York     | 24,764    | Sold for \$4,500                                     | 1838  |
| 1807  | Cyane (2)      | Ship     | 18    | 190   | 732        | Boston          | 143,469   | Burned   | 1861  |
| 1807  | Fulton (2)     | Steam    | 9     | 200   | 2090       | New York        | 308,198   | Broken up  | 1857  |
| 1807  | Levant (2)     | Ship     | 18    | 190   | 2241       | New York        | 145,909   | Broken up  | 1867  |
| 1807  | Transylvania   | Ship     | 150   | 1109  | 3241       | Philadelphia    | 694,500   | Burned   | 1862  |
| 1808  | Flying Fish    | Schr.    | 2     | 15    | 90         | New York        | 10,600    | Sold   | 1842  |
| 1808  | Sea Gull (2)   | Schr.    | 2     | 15    | 100        | New York        | 11,000    | Lost at sea  | 1839  |
| 1809  | Dale           | Brig.    | 16    | 150   | 566        | Philadelphia    | 107,722   | Maryland Naval Reserve                               | 1900  |
| 1809  | Decatur        | Brig.    | 16    | 150   | 566        | New York        | 117,463   | Broken up  | 1856  |
| 1809  | Marion         | Brig.    | 16    | 150   | 566        | Boston          | 124,549   | Broken up  | ..... |
| 1809  | Preble         | Brig.    | 16    | 150   | 566        | Portsmouth      | 112,732   | Broken up  | 1859  |
| 1809  | Yorktown       | Brig.    | 16    | 150   | 566        | Gosport         | 105,361   | Broken up  | ..... |
| 1841  | Congress (4)   | Ship     | 44    | 480   | 1867       | Portsmouth      | 399,088   | Destroyed by Merrimac, March 8                       | 1862  |
| 1841  | Mississippi    | Steam    | 10    | 268   | 1692       | Philadelphia    | 567,406   | Destroyed  | 1863  |
| 1841  | Missouri       | Steam    | 10    | 268   | 1700       | New York        | 550,667   | Burned   | 1843  |
| 1841  | Oregon         | Brig.    | 2     | 35    | 250        | .....           | 9,500     | Sold   | 1845  |
| 1841  | Phoenix        | Schr.    | 10    | 80    | 255        | Baltimore       | .....     | Sold   | ..... |
| 1842  | Albatross      | Brig.    | 10    | 440   | 1726       | Boston          | 45,900    | Destroyed  | 1861  |
| 1842  | Cumberland     | Ship     | 44    | 480   | 1726       | Boston          | 357,475   | Sunk by Merrimac, March 8                            | 1862  |
| 1842  | Saratoga (3)   | Ship     | 20    | 210   | 882        | Portsmouth      | 159,169   | Naut cal school                                      | 1900  |
| 1842  | Savannah       | Ship     | 44    | 480   | 1726       | New York        | 400,739   | Burned   | 1861  |
| 1842  | Somers (2)     | Brig.    | 10    | ..... | 250        | New York        | 37,650    | Sunk   | 1846  |
| 1842  | Truxtun        | Brig.    | 10    | ..... | 331        | Norfolk         | 40,367    | Wrecked  | 1846  |
| 1842  | Union          | Steam    | 4     | 54    | 956        | Gosport         | 179,865   | Dismantled   | 1846  |
| 1843  | Lawrence (2)   | Brig.    | 10    | 89    | 364        | Baltimore       | 48,350    | Sunk in New York                                     | 1846  |
| 1843  | Onkahaie       | Schr.    | 2     | ..... | 250        | New York        | 11,000    | Wrecked  | 1846  |
| 1843  | Perry          | Brig.    | 10    | 89    | 380        | Gosport         | 50,750    | Sold   | 1856  |
| 1843  | Plymouth       | Ship     | 20    | 210   | 989        | Boston          | 168,212   | Burned   | 1861  |
| 1843  | Portsmouth     | Ship     | 20    | 210   | 1125       | Portsmouth      | 170,586   | Naval Reserve, New Jersey                            | 1909  |
| 1843  | Princeton      | Steam    | 9     | 168   | 672        | Philadelphia    | 212,914   | Broken up  | 1849  |
| 1843  | Karitan        | Ship     | 44    | 480   | 1726       | Philadelphia    | 406,087   | Burned   | 1861  |
| 1843  | Washington (3) | Brig.    | 10    | ..... | .....      | .....           | .....     | Transferred from Treasury Department to Coast Survey | 1848  |
| 1844  | Jamestown      | Ship     | 20    | 210   | 985        | Gosport         | 199,726   | Condemned  | ..... |
| 1844  | Michigan       | St. SW   | 1     | 85    | 882        | Erie            | 165,000   | Great Lakes  | 1900  |
| 1844  | Princeton (2)  | Steam S  | 16    | 190   | 900        | Boston          | 258,460   | Sold   | 1866  |
| 1844  | St. Mary's     | Ship     | 20    | 210   | 1025       | Washington      | 192,113   | School ship, New York                                | 1900  |
| 1844  | Water Witch    | St. SW   | 3     | 55    | 378        | Washington      | 74,725    | Captured by Confederates                             | 1864  |
| 1845  | Massachusetts  | Steam    | 4     | 75    | 750        | Boston          | 80,000    | Sold   | 1867  |
| 1845  | Albany         | Ship     | 20    | 210   | 939        | New York        | 52,214    | Burned   | 1861  |
| 1845  | Bonita         | Schr.    | 1     | 25    | 76         | New York        | 11,547    | Sold for \$1,250                                     | 1848  |
| 1845  | Electra        | Ship     | 2     | 95    | 248        | New York        | .....     | Sold   | 1848  |
| 1845  | Etta (3)       | Bomb B   | 1     | 10    | 182        | Boston          | 17,000    | Sold for \$3,010                                     | 1848  |
| 1845  | General Taylor | St. SW   | 1     | 25    | 150        | New York        | 22,750    | Sold for \$3,000                                     | 1852  |
| 1845  | Germantown     | Ship     | 20    | 210   | 939        | Philadelphia    | 166,343   | Burned   | 1861  |
| 1845  | Hecla          | Bomb B   | 1     | 10    | 194        | New York        | 34,475    | Sold for \$4,700                                     | 1848  |
| 1845  | Malek Ahdel    | Brig.    | 10    | 68    | 440        | Capt. from Mex. | .....     | Sold for \$4,625                                     | 1848  |
| 1845  | Petrita        | Steam    | 1     | 18    | 300        | Capt. from Mex. | .....     | Sunk off Alvarado                                    | 1848  |
| 1845  | Reef           | Schr.    | 1     | 20    | 76         | New York        | 11,603    | Sold for \$1,675                                     | 1848  |
| 1845  | Scorpion (2)   | Steam    | 3     | 60    | 339        | New York        | 80,505    | Sold for \$14,500                                    | 1848  |
| 1845  | Seourge (3)    | Steam    | 3     | 50    | 230        | New York        | 44,825    | Sold for \$2,300                                     | 1848  |
| 1845  | Spitfire (4)   | Steam    | 3     | 50    | 228        | New York        | 49,441    | Sold for \$5,110                                     | 1848  |
| 1845  | Stromboli      | Bomb B   | 1     | 10    | 182        | Boston          | 17,000    | Sold for \$3,010                                     | 1848  |
| 1845  | Etta (3)       | Bomb B   | 1     | 10    | 239        | New York        | 32,500    | Sold for \$5,550                                     | 1848  |
| 1845  | Vixen (3)      | St. SW   | 1     | 55    | 240        | P. A. N. Y.     | 55,002    | Destroyed  | 1861  |
| 1847  | Alleghany      | Steam S  | 19    | 190   | 1090       | Gosport         | 24,596    | Sold   | 1869  |
| 1847  | Edith          | Steam    | 2     | 25    | 400        | P. Boston       | 80,000    | Lost, Cal. California                                | 1849  |
| 1847  | Iris           | Steam    | 2     | 70    | 400        | P. New York     | 85,991    | Sold for \$23,610                                    | 1849  |
| 1847  | Sabine         | Ship     | 44    | 480   | 1726       | New York        | 450,000   | Broken up  | 1866  |
| 1847  | Santee         | Ship     | 44    | 480   | 1726       | Portsmouth      | 450,000   | Broken up  | 1862  |
| 1848  | Saramac (2)    | St. SW   | 6     | 285   | 1446       | Portsmouth      | 328,368   | Sunk   | 1875  |
| 1848  | St. Lawrence   | Ship     | 44    | 430   | 1726       | Gosport         | 423,607   | Sold   | 1876  |
| 1848  | Verment        | Ship     | 74    | 820   | 2638       | Boston          | 489,000   | Navy Yard, New York                                  | 1860  |
| 1860  | John Hancock   | Steam S  | 2     | 61    | 282        | Boston          | 32,870    | Sold   | 1865  |
| 1860  | Powhatan       | St. SW   | 9     | 300   | 2415       | Gosport         | 795,221   | Broken up  | 1875  |
| 1860  | San Jacinto    | Steam S  | 6     | 235   | 1446       | New York        | 406,885   | Wrecked  | 1865  |
| 1860  | Sasquehanna    | St. SW   | 9     | 300   | 2450       | Philadelphia    | 697,218   | Broken up  | 1879  |

| Date. | NAME.             | Rig.    | Guns. | Men. | Tons. | Where Built.      | Cost.     | Sold, etc.  | Date. |
|-------|-------------------|---------|-------|------|-------|-------------------|-----------|---|-------|
| 1855  | Colorado.....     | Steam S | 40    | 450  | 4750  | Gosport.....      | \$673,942 | Receiving ship, Boston.....                       | 1900  |
| 1855  | Merrimack.....    | Steam S | 40    | 450  | 4350  | Charlestown.....  | 638,942   | Burned at Norfolk.....                            | 1861  |
| 1855  | Minnesota.....    | Steam S | 40    | 480  | 4830  | Washington.....   | 638,843   | Naval Reserve, Massachusetts.....                 | 1900  |
| 1855  | Niagara.....      | Steam S | 40    | 450  | 4780  | Brooklyn.....     | 723,000   | Condemned.....                                    | 1881  |
| 1855  | Roanoke (2).....  | Steam S | 40    | 456  | 4570  | Gosport.....      | 692,000   | Cut down to an ironclad, 1862; unserviceable..... | 1882  |
| 1855  | Sumter.....       | Steam S | 5     | 180  | 1170  | Gosport.....      | 392,000   | Sunk in a collision, June 24.....                 | 1864  |
| 1855  | Wabash.....       | Steam S | 40    | 450  | 4650  | Philadelphia..... | 687,000   | Receiving ship at Boston.....                     | 1900  |
| 1858  | Brooklyn.....     | Steam S | 22    | 380  | 3670  | Brooklyn.....     | 584,000   | Condemned.....                                    | 1890  |
| 1858  | Crosser.....      | Steam S | 7     | 140  | 1360  | Washington.....   | 465,000   | Sold.....   | 1865  |
| 1868  | Dakota.....       | Steam S | 7     | 180  | 1575  | New York.....     | 425,000   | Condemned.....                                    | 1873  |
| 1858  | Hartford.....     | Steam S | 24    | 380  | 2790  | Boston.....       | 518,000   | Fitted with modern battery.....                   | 1900  |
| 1868  | Iroquois.....     | Steam S | 6     | 180  | 1575  | New York.....     | 465,000   | Marine Hospital.....                              | 1900  |
| 1858  | Lancaster.....    | Steam S | 18    | 240  | 3250  | Philadelphia..... | 574,000   | Special service.....                              | 1900  |
| 1868  | Mohawk.....       | Steam S | 7     | 160  | 1540  | New York.....     | 437,000   | Sold.....   | 1864  |
| 1868  | Mohican.....      | Steam S | 7     | 180  | 1800  | New York.....     | 437,000   | Mare Island.....                                  | 1900  |
| 1868  | Mystic.....       | Steam S | 5     | 135  | 1176  | Boston.....       | 398,000   | Sold.....   | 1865  |
| 1868  | Narragansett..... | Steam S | 6     | 180  | 1880  | Boston.....       | 466,000   | Condemned.....                                    | 1882  |
| 1868  | Pawnee.....       | Steam S | 11    | 240  | 1440  | Philadelphia..... | 423,000   | Condemned.....                                    | 1879  |
| 1858  | Pensacola.....    | Steam S | 18    | 340  | 2700  | Pensacola.....    | 548,000   | Mare Island.....                                  | 1900  |
| 1868  | Pocahontas.....   | Steam S | 6     | 120  | 1280  | Norfolk.....      | 389,000   | Sold.....   | 1865  |
| 1868  | Pulaski.....      | St. SW. | 4     | 120  | 8-0   | Norfolk.....      | 230,000   | Sold.....   | 1863  |
| 1868  | Richmond.....     | Steam S | 24    | 380  | 3000  | Norfolk.....      | 582,000   | League Island.....                                | 1900  |
| 1858  | Seminole.....     | Steam S | 6     | 180  | 1430  | Baltimore.....    | 424,000   | Condemned.....                                    | 1873  |
| 1858  | Wyoming.....      | Steam S | 7     | 180  | 1550  | Philadelphia..... | 514,000   | Condemned.....                                    | 1876  |
| 1859  | Saginaw.....      | St. SW. | 3     | 120  | 660   | Philadelphia..... | 287,000   | Condemned.....                                    | 1872  |
| 1859  | Wyandotte.....    | Steam S | 5     | 120  | 970   | Boston.....       | 268,000   | Sold.....   | 1865  |

The first United States warship to display our flag in the Mediterranean. (See page 358.)  
 The keel of this vessel, with those of other 74-gun ships (the Virginia, Alabama, and New York), was laid in 1818, but work on her was suspended until 1848. The others were never completed.

**THE NAVY IN THE CIVIL WAR.**

At the outbreak of the civil war the navy of the United States consisted of 90 war craft, of which 21 were unseaworthy, 27 were out of commission, and 42 were in commission. This force was rapidly increased by purchase, chartering, and building during the war, so that by March 10, 1865, the navy list showed 717 vessels. The great majority of these vessels were craft purchased and fitted for the emergency, many of them being canal-boats, ferry-boats, while a number were sea-going passenger steamers, which cannot properly be counted as the regular warships of the United States Navy.

In 1861 the following side-wheel steamers were purchased and fitted for various services: Alabama, Augusta, Bienville, Clifton, Commodore Barney, Commodore Perry, Connecticut, Delaware, De Soto, Florida, Hatteras (sunk by the Confederate cruiser Alabama), Island Belle, Jacob Bell, James Adger, John L. Lockwood, J. N. Seymour, J. P. Jackson, Keystone State, Morse, O. M. Pettit, Quaker City, Rhode Island, Santiago de Cuba, Satellite, State of Georgia, Stepping Stones, Thomas Freeborn, Westfield, W. G. Putnam, Whitehall, Wyandank, and Yankee, making a total of 32 side-wheel steamers, mounting in all 160 guns, having 26,686 tons, and costing \$2,418,103. As the war progressed the following side-wheel steamers were drafted into the service: Adela, Alexandria, Arizona, Baltimore, Banshee, Bloomer, Britannia, Cactus, Calhoun, Carrabasset, Cour de Lion, Columbine, Commodore, Commodore Hull, Commodore Jones, Commodore Macdonough, Commodore Read, Cornubia, Cowslip, Daffodil, Darlington, Elk, Ella, Ellen, Fort Jackson, Geranium, Gettysburg, Glasgow, Granite City, Harriet Lane, Harvest Moon, Heliotrope Hetzel, Hollyhock, Honduras, Hunchback, Hyacinth, King Philip, Magnolia, Malvern, Mercury, Merrimack, Meteor, Mount Washington, Nansemond, Nita, Nyanza, Oleander, Philadelphia, Phillipi, Primrose, Rodolph, Shokohon, Somerset, Southfield, Stockdale, Tallahatchie, Tennessee, Tritonia, Vanderbilt, and Wave.

There were purchased in 1861 the following screw steamers: A. C. Powell, Albatross, Cambridge, Ceres, Cohasset, Currituck, Daylight, E. B. Hale, Flag, Flambeau, Henry Andrew, Henry Brinker, Huntsville, Isaac Smith, Louisiana, Madge, Mercidita, Montgomery, Monticello, Mount Vernon, New London, Norwich, Penguin, Potomaska, R. B. Forbes, Resene, Resolute, R. R. Cuyler, Sacher, South Carolina, Stars and Stripes, Uncas, Valley City, Varina, Victoria, Wamsutta, Western World, Whitehead, and Young Rover, having a total of 20,408 tons, mounting 175 guns, and costing \$2,215,037. During the war the following additional screw steamers were drafted into the service: Acacia, Admiral, Alert, Althea, Aries, Arkansas, Augusta Dinsmore, Bermuda, Buckthorn, Calypso, Camelia, Carnation, Cherokee, Circassian, Clover, Dai Ching, Dandelion, Dawn, Daylight, Dragon, Emma, Eureka, Fahkee, Faralones, Fortune, Fuchsia, Galatea, Gertrude, Glaucus, Gov. Buckingham, Grand Gulf, Hendrick Hudson, Home, Honeysuckle, Howquah, Huron, Hydrangea, Ida, Iris, Iuka, John Hancock, Jonquil, Kensington, Larkspur, Leslie, Lilac, Lodona, Maria, Marigold, Mary Sandford, Mayflower, Memphis, Monterey, Montgomery, Narcissus, Neptune, Nereus, Newberne, Nippon, Norwich, Pilgrim, Poppy, Princess Royal, Proteus, Queen, Rocket, Rose, Snowdrop, Speedwell, Standish, Stettin, Sunflower, Sweetbriar, Teaser, Triana, Tulip, Union, Vicksburg, Violet, Virginia, Young America, and Zouave.

There were purchased in 1861 the following ship-rigged sailing vessels: Charles Phelps, Courier, Fearnot, Ino, Kittatinny, Morning Light, National Guard, Nightingale, Onward, Pampero, Roman, Shepard Knapp, and William Badges, mounting 52 guns, having an aggregate of 9,998 tons, and costing \$313,503. The following barks were purchased: A. Houghton, Amanda, Arthur, Bramiera, Ethan Allen, Ferdinandina, Gem of the Sea, Gemsbok, Horace Beals, James C. Chambers, James L. Davis, J. C. Kuhn, Kingfisher, Midnight, Pursuit, Restless, Roebuck, and William G. Anderson, mounting 78 guns, with a total of 8,432 tons, and costing \$357,400.

The following schooners were purchased in 1861: Adolph Hugel, Arletta, Bahio, Chotank, C. P. Williams, Daniel Smith, George Blunt, George Mangham, Hope, Henry Janes, John Griffith, Maria A. Wood, Maria J. Carleton, Matthew Vassar, Norfolk Packet, O. H. Lee, Orvetta, Para, Racer, Rachael Seaman, Sam Rotan, Sarah Bruen, Sea Foam, Sidney C. Jones, Sophonia, T. A. Ward, and William Bacon, mounting 48 guns, with a total of 5,203 tons, and costing \$216,796. Other sailing vessels taken into the service during the war were: Albararle, the famous yacht America, Annie, Ariel, Beauregard, Ben Morgan, Carmita, Charlotte, Corypheus, Dart, Eugenie, Fox, Granite,

Ironsides, Jr., Julia, Pampero, Release, Ronshaw, Rosalie, Sea Bird, Shark, Stonewall, Supply, Two Sisters, Wanderer, Wildcat.

On the Western rivers a fleet of war craft was hastily created, suited to the peculiar conditions of that service. They were all sold or broken up after the war. The river steamers Tyler, Conestoga, and Lexington were fitted up as gunboats and performed valuable services, on several occasions saving the army from defeat. The De Kalb, Carondelet, Cincinnati, Louisville, Mound City, Cairo, Pittsburgh, Benton, and Essex were formidable ironclads, which admirably withstood the heavy pounding they were subjected to. Another class of river ironclads were the Lafayette, Tuscumba, Indianola, and Chillicothe. The powerful river steamers Queen of the West, Monarch, Sumter, Samson, Lioness, Fulton, and Switzerland were fitted out as rams. Other vessels engaged on the Western rivers were the Abeona, Abraham, Alfred Robb, Antelope, Argosy, Avenger, Benefit, Black Hawk, Brilliant, Champion, Choctaw, Clara Dolsen, Collier, Colossus, Covington, Cricket, Curlew, Dahia, Daisy, Eastport, Elfin, Estrella, Exchange, Fairplay, Fairy, Fawn, Fern, Forest Rose, Fort Donelson, Fort Henry, Fort Hindman, Gamage, Gazelle, Gen. Bragg, Gen. Burnside, Gen. Grant, Gen. Lyon, Gen. Pillow, Gen. Price, Gen. Sherman, Gen. Thomas, Glide, Grampus, Great Western, Grossbeck, Hastings, Huntress, Hyacinth, Ibox, Ion, Ivy, Judge Torrence, Juliet, Kate, Kenwood, Key West, Laurel, Linden, Little Rebel, Manhattan, Marmora, Mignonette, Mist, Mistletoe, Moose, Myrtle, Naid, Naumkeag, Nettle, New Era, New National, Nymph, Oriole, Onachita, Paw Paw, Peosta, Petrel, Prairie Bird, Queen City, Rattler, Red Rover, Reindeer, Romeo, Signal, Silver Cloud, Silver Lake, Sovereign, Springfield, St. Clair, Sybil, Towah, Tempest, Tennessee, Tensas, Thistle, Undine, Victory, Vindicator, Volunteer, and William H. Brown.

The total number of vessels purchased by the Government during the war was 418, of which 313 were steamers. The total number of sea-going war vessels built or projected by the Government during the war was 211, of which 143 were wooden vessels and 68 were ironclads. These 211 war craft will now be given in detail as belonging to the navy proper in the civil war.

ABBREVIATIONS: W., Wood Hull; I., Iron Hull; S., Screw; SW., Sidewheel; M., Monitor with a single turret; MDT., Monitor with double turrets.

| Built or Projected. | NAME.           | Material and Propulsion. | Guns. | Crew. | Tons.  | Where Built.       | Cost.     | Remarks.   | Date. |
|---------------------|-----------------|--------------------------|-------|-------|--------|--------------------|-----------|--|-------|
| 1861                | Adirondack..... | W. S.                    | 9     | 170   | 1,240  | New York.....      | \$125,000 | Wrecked near Abaco, August 23. ....                      | 1864  |
| 1861                | Agawam.....     | S. SW.                   | 8     | 160   | 974    | Portland.....      | 157,000   | Dewey served in this vessel. Sold in.....                | 1867  |
| 1861                | Algonquin.....  | W. SW.                   | 12    | 220   | 974    | New York.....      | 157,600   | Sold in.....   | 1869  |
| 1861                | Aroostook.....  | W. S.                    | 6     | 148   | 507    | Kennebunk.....     | 90,500    | Sold in.....   | 1869  |
| 1861                | Acunsey.....    | I. SW.                   | 8     | 150   | 974    | New York.....      | 157,500   | Sold in.....   | 1868  |
| 1861                | Cayuga.....     | W. S.                    | 6     | 140   | 507    | Portsmouth.....    | 87,600    | Sold in.....   | 1866  |
| 1861                | Chenango.....   | W. SW.                   | 8     | 160   | 974    | Brooklyn.....      | 157,000   | Sold in.....   | 1868  |
| 1861                | Chippewa.....   | W. SW.                   | 8     | 160   | 974    | Boston.....        | 157,500   | Sold in.....   | 1865  |
| 1861                | Chippewa.....   | W. S.                    | 6     | 140   | 507    | New York.....      | 101,000   | Sold in.....   | 1865  |
| 1861                | Chocura.....    | W. S.                    | 4     | 130   | 507    | Boston.....        | 95,500    | Sold in.....   | 1867  |
| 1861                | Cimmerone.....  | W. SW.                   | 10    | 170   | 860    | Bordentown, N. J.  | 160,000   | Sold in.....   | 1868  |
| 1861                | Conemaugh.....  | W. SW.                   | 8     | 160   | 950    | Portsmouth.....    | 132,000   | Sold in.....   | 1867  |
| 1861                | Eutaw.....      | W. SW.                   | 8     | 160   | 974    | Baltimore.....     | 160,000   | Sold in.....   | 1865  |
| 1861                | Genesee.....    | W. SW.                   | 4     | 110   | 893    | Boston.....        | 132,000   | Sold in.....   | 1867  |
| 1861                | Housatonic..... | W. S.                    | 9     | 170   | 1,240  | Boston.....        | 110,000   | Sunk by a torpedo in Charleston Harbor, February 17..... | 1864  |
| 1861                | Huron.....      | W. S.                    | 4     | 130   | 507    | Boston.....        | 101,000   | Sold in.....   | 1869  |
| 1861                | Iosco.....      | W. SW.                   | 8     | 160   | 974    | Baltimore.....     | 157,000   | Condemned in.....  | 1867  |
| 1861                | Itasca.....     | W. S.                    | 4     | 130   | 507    | Philadelphia.....  | 86,500    | Sold in.....   | 1865  |
| 1861                | Junata.....     | W. S.                    | 9     | 170   | 1,240  | Philadelphia.....  | 480,000   | Sold in.....   | 1865  |
| 1861                | Kanawha.....    | W. S.                    | 4     | 130   | 507    | East Haddam, Ct.   | 87,500    | Sold in.....   | 1866  |
| 1861                | Katahdin.....   | W. S.                    | 4     | 130   | 507    | Bath, Me.....      | 97,500    | Sold in.....   | 1865  |
| 1861                | Kearsarge.....  | W. S.                    | 7     | 170   | *1,631 | Kittery.....       | 540,000   | Wrecked on Roncador Reef, Feb. 2.....                    | 1864  |
| 1861                | Kennebec.....   | W. S.                    | 4     | 130   | 507    | Thomaston, Me..... | 100,500   | Sold in.....   | 1865  |
| 1861                | Kineo.....      | W. S.                    | 6     | 140   | 507    | Portland.....      | 95,500    | Sold in.....   | 1865  |
| 1861                | Lenape.....     | W. SW.                   | 8     | 150   | 974    | Brooklyn.....      | 157,500   | Sold in.....   | 1868  |
| 1861                | Machinaw.....   | W. SW.                   | 8     | 160   | 974    | New York.....      | 157,000   | Sold in.....   | 1867  |
| 1861                | Mahaska.....    | W. SW.                   | 6     | 140   | 382    | Portsmouth.....    | 132,000   | Sold in.....   | 1868  |
| 1861                | Maratanza.....  | W. SW.                   | 6     | 140   | 785    | Boston.....        | 180,000   | Sold in.....   | 1868  |
| 1861                | Marblehead..... | W. S.                    | 4     | 130   | 507    | Newburyport.....   | 95,000    | Sold in.....   | 1838  |
| 1861                | Mansselt.....   | W. SW.                   | 8     | 160   | 974    | Boston.....        | 157,600   | Sold in.....   | 1867  |
| 1861                | Matthias.....   | W. SW.                   | 8     | 160   | 974    | Boston.....        | 157,000   | Sold in.....   | 1867  |
| 1861                | Menota.....     | W. SW.                   | 8     | 160   | 974    | Brooklyn.....      | 155,000   | Sold in.....   | 1868  |
| 1861                | Metacomb.....   | W. SW.                   | 8     | 160   | 974    | Brooklyn.....      | 155,000   | Sold in.....   | 1868  |
| 1861                | Miami.....      | W. S.                    | 7     | 140   | 730    | Philadelphia.....  | 150,000   | Sold in.....   | 1865  |
| 1861                | Mingoe.....     | W. SW.                   | 8     | 160   | 974    | Bordentown, N. J.  | 157,000   | Sold in.....   | 1867  |
| 1861                | Octorara.....   | W. SW.                   | 5     | 140   | 828    | New York.....      | 150,000   | Sold in.....   | 1866  |
| 1861                | Onida.....      | W. S.                    | 9     | 180   | 1,032  | New York.....      | 110,000   | Sunk in a collision in the Bay of Yedo, January 24.....  | 1870  |
| 1861                | Oseola.....     | W. SW.                   | 8     | 160   | 974    | Boston.....        | 157,000   | Sold in.....   | 1867  |
| 1861                | Ossipee.....    | W. S.                    | 9     | 170   | 1,240  | Portsmouth.....    | 195,000   | Condemned in.....  | 1890  |
| 1861                | Otsego.....     | W. SW.                   | 8     | 160   | 974    | New York.....      | 157,000   | Sunk by a torpedo, December.....                         | 1864  |
| 1861                | Ottawa.....     | W. S.                    | 5     | 130   | 507    | New York.....      | 85,000    | Sold in.....   | 1865  |
| 1861                | Owasco.....     | W. S.                    | 4     | 130   | 507    | Myatie River, Ct.  | 95,000    | Sold in.....   | 1865  |
| 1861                | Paul Jones..... | W. SW.                   | 6     | 140   | 865    | Baltimore.....     | 100,000   | Sold in.....   | 1867  |
| 1861                | Pawtuxet.....   | W. SW.                   | 8     | 160   | 974    | Portsmouth.....    | 157,000   | Sold in.....   | 1868  |
| 1861                | Pembian.....    | W. S.                    | 4     | 120   | 507    | New York.....      | 85,000    | Sold in.....   | 1865  |
| 1861                | Penobscot.....  | W. S.                    | 5     | 130   | 507    | Belfast, Me.....   | 97,000    | Sold in.....   | 1869  |
| 1861                | Peoria.....     | W. SW.                   | 8     | 160   | 974    | New York.....      | 157,000   | Sold in.....   | 1868  |
| 1861                | Pinoia.....     | W. S.                    | 4     | 120   | 507    | Baltimore.....     | 95,000    | Sold in.....   | 1865  |
| 1861                | Postiac.....    | W. SW.                   | 8     | 160   | 974    | Philadelphia.....  | 157,000   | Sold in.....   | 1867  |
| 1861                | Pontowoc.....   | W. SW.                   | 8     | 160   | 974    | Portsmouth.....    | 100,000   | Sold in.....   | 1866  |
| 1861                | Port Royal..... | W. SW.                   | 8     | 140   | 805    | New York.....      | 95,500    | Sold in.....   | 1866  |
| 1861                | Sagamore.....   | W. S.                    | 4     | 120   | 507    | Boston.....        | 101,000   | Sold in.....   | 1866  |
| 1861                | Sassacus.....   | W. SW.                   | 8     | 160   | 974    | Portsmouth.....    | 157,000   | Sold in.....   | 1868  |
| 1861                | Sciota.....     | W. S.                    | 4     | 120   | 507    | Boston.....        | 101,000   | Sunk by a torpedo, raised and sold in.....               | 1865  |
| 1861                | Sebago.....     | W. SW.                   | 6     | 140   | 852    | New York.....      | 86,000    | Sold in.....   | 1867  |



United States Warships, 1775-1900.

| Built or Projected. | NAME.                 | Material and Propulsion. | Guns. | Crew. | Tons.             | Where Built.      | Cost.    | Remarks.  | Date. |
|---------------------|-----------------------|--------------------------|-------|-------|-------------------|-------------------|----------|---|-------|
| 1861                | Seneca.....           | W. S.                    | 4     | 120   | 507               | New York.....     | \$88,000 | Sold in.....  | 1868  |
| 1861                | Shamrock.....         | W. S.W.                  | 8     | 180   | 974               | New York.....     | 157,000  | Sold in.....  | 1868  |
| 1861                | Sonoma.....           | W. S.W.                  | 6     | 140   | 955               | Portsmouth.....   | 125,099  | Sold in.....  | 1867  |
| 1861                | Tacony.....           | W. S.W.                  | 8     | 180   | 974               | Philadelphia..... | 167,000  | Sold in.....  | 1868  |
| 1861                | Tabona.....           | W. S.                    | 4     | 120   | 507               | Wilmington.....   | 180,990  | Sold in.....  | 1867  |
| 1861                | Tallahama.....        | W. S.W.                  | 8     | 180   | 974               | New York.....     | 147,000  | Sold in.....  | 1868  |
| 1861                | Tallapoosa.....       | W. S.                    | 8     | 130   | 974               | Boston.....       | 157,000  | Sold in.....  | 1892  |
| 1861                | Tioga.....            | W. S.W.                  | 6     | 140   | 819               | Boston.....       | 125,000  | Sold in.....  | 1867  |
| 1861                | Usacrerera.....       | W. S.                    | 10    | 180   | 997               | Philadelphia..... | 102,990  | Condemned in.....                                     | 1854  |
| 1861                | Unadilla.....         | W. S.                    | 6     | 140   | 867               | New York.....     | 88,890   | Sold in.....  | 1869  |
| 1861                | Wachusett.....        | W. S.                    | 9     | 170   | 1,032             | Boston.....       | 104,000  | Condemned in.....                                     | 1886  |
| 1861                | Wiona.....            | W. S.                    | 4     | 120   | 597               | New York.....     | 101,000  | Sold in.....  | 1865  |
| 1861                | Wissoski.....         | W. S.W.                  | 8     | 120   | 974               | Boston.....       | 157,000  | Sold in.....  | 1868  |
| 1861                | Wyahickon.....        | W. S.                    | 4     | 120   | 507               | Philadelphia..... | 98,500   | Sold in.....  | 1865  |
| 1861                | Wyalusing.....        | W. S.W.                  | 8     | 149   | 1,680             | Philadelphia..... | 157,000  | Sold in.....  | 1867  |
| 1862                | Ajax.....             |                          | 10    | 140   | *1,030            | (See Manyunk.)    |          |   |       |
| 1862                | Ashuelot.....         | I. S.W.                  | 10    | 140   | *1,030            | New York.....     | 179,000  | Wrecked on Asiatic station.....                       | 1853  |
| 1862                | Bamaadagna.....       | W. S.                    | 9     | 140   | 1,295             | Boston.....       | 119,000  | Condemned in.....                                     | 1872  |
| 1862                | Canonicus.....        | W. S.                    | 2     | 50    | *1,034            | Boston.....       | 429,963  | League Island.....                                    | 1900  |
| 1862                | Catawba.....          | I. M.                    | 2     | 50    | *1,034            | Cincinnati.....   | 400,000  | Sold in.....  | 1868  |
| 1862                | Galena.....           | I. S.                    | 6     | 120   | 735               | New York.....     | 346,000  | Sold in.....  | 1879  |
| 1862                | Keokuk.....           | I. S.                    | 2     | 60    | 677               | Jersey City.....  | 220,000  | Sunk in Charleston Harbor.....                        | 1863  |
| 1862                | Lackawanna.....       | W. S.                    | 9     | 100   | *1,533            | New York.....     | 110,000  | Sold in.....  | 1889  |
| 1862                | Mahopac.....          | I. M.                    | 2     | 50    | *1,034            | Philadelphia..... | 635,374  | League Island.....                                    | 1900  |
| 1862                | Manyunk.....          | I. M.                    | 2     | 50    | *1,034            | Philadelphia..... | 626,582  | Name changed to Ajax, 1869; sold in.....              | 1869  |
| 1862                | Manhattan.....        | I. M.                    | 2     | 50    | *1,034            | Jersey City.....  | 628,579  | League Island.....                                    | 1900  |
| 1862                | Mohego.....           | I. M.                    | 2     | 50    | *1,034            | New York.....     | 371,000  | Sold in.....  | 1870  |
| 1862                | Monitor.....          | I. M.                    | 2     | 50    | 1,600             | Greenpoint.....   | 275,000  | Sunk December 31.....                                 | 1862  |
| 1862                | Monocacy.....         | I. S.W.                  | 10    | 160   | *1,030            | Baltimore.....    | 171,000  | On Asiatic station.....                               | 1860  |
| 1862                | Monongahela.....      | W. S.                    | 9     | 120   | 2,409             | Philadelphia..... | 119,000  | Annapolis.....  | 1900  |
| 1862                | Muscota.....          | I. S.W.                  | 10    | 160   | 2,000             | Brooklyn.....     | 171,000  | Sold in.....  | 1359  |
| 1862                | Nahant.....           | I. M.                    | 2     | 50    | *875              | Boston.....       | 393,000  | League Island.....                                    | 1900  |
| 1862                | Nantucket.....        | I. M.                    | 2     | 50    | *844              | Boston.....       | 408,091  | Port Royal, S. C.....                                 | 1900  |
| 1862                | New Ironsides.....    | I. S.                    | 20    | 220   | 3,443             | New York.....     | 680,000  | Earned at Philadelphia.....                           | 1868  |
| 1862                | Sacramento.....       | W. S.                    | 9     | 180   | 1,367             | Portsmouth.....   | 117,000  | Wrecked.....  | 1867  |
| 1862                | Saugus.....           | I. M.                    | 2     | 50    | 1,034             | Philadelphia..... | 460,000  | Condemned in.....                                     | 1889  |
| 1862                | Shanokin.....         | W. S.W.                  | 10    | 160   | 1,034             | Chester.....      | 172,000  | Sold in.....  | 1869  |
| 1862                | Shenandoah.....       | W. S.                    | 9     | 180   | 1,378             | Philadelphia..... | 110,000  | Sold in.....  | 1859  |
| 1862                | Suwanee.....          | I. S.W.                  | 10    | 140   | 1,030             | Chester.....      | 171,000  | Wrecked July 9.....                                   | 1865  |
| 1862                | Tecumseh.....         | I. M.                    | 2     | 110   | 1,034             | New York.....     | 460,000  | Sunk at Mobile, August 5.....                         | 1854  |
| 1862                | Thondroga.....        | W. S.                    | 2     | 50    | 1,033             | New York.....     | 110,000  | Condemned in.....                                     | 1853  |
| 1862                | Tippicanoe.....       | I. M.                    | 2     | 50    | 1,034             | Jersey City.....  | 693,327  | Name changed to Wyandotte in 1869; condemned in.....  | 1864  |
| 1862                | Wateree.....          | I. S.W.                  | 12    | 180   | 974               | Chester.....      | 130,170  | Wrecked by an earthquake at Arica.....                | 1865  |
| 1862                | Winnipeg.....         | I. S.W.                  | 10    | 160   | 1,050             | New York.....     | 171,000  | Sold in.....  | 1869  |
| 1862                | Wyandotte.....        |                          |       |       | (See Tippicanoe.) |                   |          |   |       |
| 1863                | Ammonoosuc.....       | W. S.                    | 17    | 320   | 8,213             | Boston.....       | .....    | Name changed to Iowa in 1869; never completed.....    | 1869  |
| 1863                | Atlanta.....          | I. S.                    | 4     | 220   | 2,806             | Charlestown.....  | .....    | Captured; sold.....                                   | 1869  |
| 1863                | Bonhomme Richard..... | W. S.                    | 20    | 580   | 8,213             | .....             | .....    | Authorized but never completed.....                   | ..... |
| 1863                | Casco.....            | I. M.                    | 1     | 35    | 614               | Charlestown.....  | 395,000  | Name changed to Hero in 1869; broken up in.....       | 1875  |
| 1863                | Catskill.....         | I. M.                    | 2     | 50    | *844              | Greenpoint.....   | 427,766  | League Island.....                                    | 1900  |
| 1863                | Cattanooga.....       | W. S.                    | 17    | 380   | 8,223             | New York.....     | 650,000  | Sunk and sold in.....                                 | 1870  |
| 1862                | Chickasaw.....        | I. M.D.T.                | 4     | 120   | 970               | St. Louis.....    | 320,000  | Sold in.....  | 1874  |
| 1863                | Chimo.....            | I. M.                    | 1     | 35    | 614               | Charlestown.....  | 395,000  | Name changed to Piscataqua in 1869; broken up in..... | 1875  |
| 1863                | Cohoes.....           | I. M.                    | 2     | 50    | 614               | Greenpoint.....   | 395,000  | Broken up in.....                                     | 1874  |
| 1863                | Comanche.....         | I. M.                    | 2     | 50    | *844              | Jersey City.....  | 613,164  | Mare Island.....                                      | 1900  |
| 1863                | Etiah.....            | I. M.                    | 2     | 50    | 614               | Cairo.....        | 386,000  | Sold in.....  | 1874  |
| 1863                | Jason.....            |                          |       |       | (See Sangamon.)   |                   |          |   |       |
| 1863                | Kickapoo.....         | I. M.D.T.                | 4     | 110   | 970               | St. Louis.....    | 318,000  | Name changed to Kewaydin in 1864; sold in.....        | 1874  |
| 1863                | Klamath.....          | I. M.                    | 2     | 50    | 614               | Cairo.....        | 895,000  | Sold in.....  | 1874  |
| 1863                | Koka.....             | I. M.                    | 2     | 50    | 614               | Philadelphia..... | 365,000  | Broken up in.....                                     | 1874  |
| 1863                | Lehigh.....           | I. M.                    | 2     | 50    | 344               | Chester.....      | 423,726  | League Island.....                                    | 1900  |
| 1863                | Madawaska.....        | W. S.                    | 17    | 380   | 3,221             | New York.....     | 620,000  | Name changed to Tennessee in 1869; sold in.....       | 1868  |
| 1863                | Marletta.....         | I. M.                    | 2     | 50    | 479               | Pittsburgh.....   | 188,000  | Sold in.....  | 1873  |
| 1863                | Milwaukee.....        | I. M.D.T.                | 4     | 120   | 970               | St. Louis.....    | 302,000  | Sunk by a torpedo in March.....                       | 1865  |
| 1863                | Modoc.....            | I. M.                    | 1     | 35    | 614               | Brooklyn.....     | 395,000  | Broken up in.....                                     | 1874  |
| 1863                | Montauk.....          | I. M.                    | 2     | 50    | *844              | Greenpoint.....   | 423,927  | League Island.....                                    | 1900  |
| 1863                | Napa.....             | I. M.                    | 1     | 35    | 614               | Philadelphia..... | 395,000  | Broken up in.....                                     | 1874  |
| 1863                | Naubec.....           | I. M.                    | 1     | 35    | 614               | Brooklyn.....     | 395,000  | Name changed to Minnetonka in 1869; broken up in..... | 1874  |
| 1863                | Nausett.....          | I. M.                    | 2     | 50    | 614               | Charlestown.....  | 396,000  | Broken up in.....                                     | 1874  |
| 1863                | Neosho.....           | I. M.                    | 1     | 50    | 614               | St. Louis.....    | 165,000  | Name changed to Osceola; sold in.....                 | 1878  |
| 1863                | Neshaminy.....        | W. S.                    | 17    | 380   | 2,213             | .....             | 640,000  | Name changed to Nevada in 1869; sold in.....          | 1877  |
| 1863                | Okondaga.....         | I. M.D.T.                | 4     | 110   | 1,250             | New York.....     | 625,000  | Sold in.....  | 1868  |
| 1863                | Osage.....            | I. M.                    | 2     | 50    | 523               | St. Louis.....    | 165,000  | Sunk in.....  | 1865  |
| 1863                | Ozark.....            | I. M.                    | 2     | 50    | 523               | Mound City.....   | 186,000  | Sunk in.....  | 1865  |
| 1863                | Passaic.....          | I. M.                    | 2     | 50    | 844               | Greenpoint.....   | 428,171  | Sold in.....  | 1899  |
| 1863                | Patapsco.....         | I. M.                    | 2     | 50    | 844               | Wilmington.....   | 400,000  | Sunk, January 15.....                                 | 1865  |
| 1863                | Pompanoosuc.....      | W. S.                    | 17    | 380   | 3,713             | Boston.....       | .....    | Never completed; name changed to Connecticut in.....  | 1869  |
| 1863                | Sandusky.....         | I. M.                    | 2     | 50    | 479               | Pittsburgh.....   | 188,000  | Sold in.....  | 1873  |
| 1863                | Sangamon.....         | I. M.                    | 2     | 50    | *844              | Chester.....      | 422,766  | Name changed to Jason in 1869; at League Island.....  | 1900  |

| Built or Projected. | NAME.             | Material and Propulsion. | Guns. | Crew. | Tons.  | Where Built.           | Cost.     | Remarks.  | Date. |
|---------------------|-------------------|--------------------------|-------|-------|--------|------------------------|-----------|---|-------|
| 1866                | Shamokin.....     | I. SW.                   | 10    | 220   | 1,020  | Philadelphia.....      | \$171,000 | Sold in.....  | 1869  |
| 1866                | Shawnee.....      | I. M.                    | 50    | 50    | 614    | Charlestown.....       | 385,000   | Broken up in.....   | 1875  |
| 1863                | Shiloh.....       | I. M.                    | 50    | 50    | 614    | Cairo.....             | 395,000   | Name changed to Iris in 1869; sold in.....                                | 1874  |
| 1863                | Squando.....      | I. M.                    | 50    | 50    | 614    | Charlestown.....       | 395,000   | Name changed to Algoma in 1869; broken up in.....                         | 1874  |
| 1863                | Suncock.....      | I. M.                    | 2     | 50    | 614    | Charlestown.....       | 395,000   | Broken up in.....   | 1874  |
| 1863                | Tunxis.....       | I. M.                    | 2     | 50    | 614    | Philadelphia.....      | 386,000   | Name changed to Otsego in 1869; broken up in.....                         | 1875  |
| 1863                | Umpqua.....       | I. M.                    | 2     | 50    | 614    | Cairo.....             | 395,000   | Sold in.....  | 1874  |
| 1868                | Wampanoag.....    | W. S.                    | 15    | 380   | 3,281  | New York.....          | .....     | Name changed to Florida in 1869; condemned in.....                        | 1878  |
| 1863                | Wassuc.....       | I. M.                    | 2     | 50    | 614    | Portland.....          | 386,000   | Broken up in.....   | 1875  |
| 1863                | Waxsaw.....       | I. M.                    | 2     | 50    | 614    | Baltimore.....         | 396,000   | Name changed to Niobe in 1869; broken up in.....                          | 1874  |
| 1863                | Weehawken.....    | I. M.                    | 2     | 50    | 840    | Jersey City.....       | 400,000   | Sunk, December 8.....   | 1863  |
| 1862                | Winnebago.....    | I. MDT.                  | 4     | 110   | 970    | St. Louis.....         | 303,000   | Name changed to Tornado, 1869; sold.....                                  | 1874  |
| 1862                | Yazoo.....        | I. M.                    | 2     | 50    | 614    | Philadelphia.....      | 325,000   | Sold in.....  | 1874  |
| 1862                | Yuma.....         | I. M.                    | 2     | 50    | 614    | Cairo.....             | 395,000   | Sold in.....  | 1874  |
| 1864                | Agamenticus†..... | I. MDT.                  | 4     | 120   | *1,564 | Portsmouth.....        | †129,000  | Name changed to Terror in 1869; at Norfolk.....                           | 1900  |
| 1864                | Alert.....        | W. S.                    | 10    | 180   | 827    | Portsmouth.....        | .....     | Never completed.....  | ..... |
| 1864                | Algoma.....       | W. S.                    | 12    | 280   | 1,380  | Philadelphia.....      | .....     | Broken up in.....   | 1874  |
| 1864                | Antietam.....     | W. S.                    | 25    | 420   | 3,177  | Philadelphia.....      | .....     | Authorized but never completed.....                                       | ..... |
| 1864                | Arapahoe.....     | W. S.                    | 13    | 240   | 2,348  | .....                  | .....     | Authorized but never built.....   | ..... |
| 1864                | Confiance.....    | W. S.                    | 12    | 240   | 1,080  | .....                  | .....     | Authorized but never built.....   | ..... |
| 1864                | Contoocook.....   | W. S.                    | 12    | 240   | 2,343  | Portsmouth.....        | 560,000   | Name changed to Albany, 1869; sold.....                                   | 1872  |
| 1864                | Delaware.....     | .....                    | ..... | ..... | .....  | (See Piscataqua.)..... | .....     | .....   | ..... |
| 1864                | Detroit.....      | W. S.                    | 12    | 240   | 1,330  | New York.....          | .....     | Never completed.....  | ..... |
| 1864                | Dictator.....     | I. M.                    | 2     | 60    | 3,083  | New York.....          | 1,125,000 | Condemned in.....   | 1882  |
| 1864                | Dunderburg.....   | I. S.                    | 10    | 320   | 5,090  | New York.....          | 1,125,000 | Sold in.....  | 1867  |
| 1864                | Epervier.....     | W. S.                    | 10    | 180   | 1,831  | Portsmouth.....        | .....     | Never completed.....  | ..... |
| 1864                | Guerriere.....    | W. S.                    | 25    | 480   | 3,177  | Boston.....            | 689,000   | Sold in.....  | 1872  |
| 1864                | Hassalo.....      | W. S.                    | 13    | 280   | 3,365  | .....                  | .....     | Authorized but never completed.....                                       | ..... |
| 1864                | Idaho.....        | W. S.                    | 8     | 240   | 3,281  | New York.....          | 623,000   | Condemned in.....   | 1872  |
| 1864                | Illinois.....     | W. S.                    | 25    | 480   | 3,177  | Portsmouth.....        | .....     | Never completed.....  | ..... |
| 1864                | Java.....         | W. S.                    | 25    | 480   | 3,177  | New York.....          | .....     | Never completed.....  | ..... |
| 1864                | Kalamazoo.....    | I. MDT.                  | 4     | 120   | 3,200  | New York.....          | .....     | Name changed to Colossus in 1869; never completed.....                    | ..... |
| 1864                | Kansas.....       | W. S.                    | 8     | 160   | 593    | New York.....          | †73,000   | Condemned in.....   | 1880  |
| 1864                | Keosauqua.....    | W. S.                    | 13    | 220   | 2,348  | .....                  | .....     | Authorized but never built.....   | ..... |
| 1864                | Kewadin.....      | W. S.                    | 25    | 450   | 3,177  | Boston.....            | 680,000   | Name changed to Pennsylvania in 1869; sold in.....                        | 1874  |
| 1864                | Manitou.....      | W. S.                    | 12    | 240   | 2,348  | Boston.....            | 542,000   | Name changed to Worcester in.....   | 1869  |
| 1864                | Maumee.....       | W. S.                    | 4     | 120   | 593    | New York.....          | †73,500   | Sold in.....  | 1869  |
| 1864                | Meredosia.....    | W. S.                    | 12    | 290   | 1,880  | New York.....          | .....     | Authorized but never built.....   | ..... |
| 1864                | Miantonomoh†..... | I. MDT.                  | 4     | 120   | *1,564 | New York.....          | .....     | Rebuilt in 1874; League Island.....                                       | 1900  |
| 1864                | Minnetonka.....   | W. S.                    | 25    | 480   | 3,177  | Portsmouth.....        | 692,000   | Name changed to California in 1869; sold in.....                          | 1875  |
| 1864                | Monadnock †.....  | I. MDT.                  | 4     | 120   | *1,564 | Boston.....            | †128,000  | Rebuilt in 1875; at Manila.....   | 1900  |
| 1864                | Mondamin.....     | W. S.                    | 13    | 280   | 2,348  | .....                  | .....     | Authorized but never built.....   | ..... |
| 1864                | Moshol.....       | W. S.                    | 13    | 280   | 2,348  | New York.....          | .....     | Name changed to Severn, 1869; sold.....                                   | 1877  |
| 1864                | Nantasket.....    | W. S.                    | 10    | 180   | 900    | Boston.....            | 180,000   | Sold in.....  | 1879  |
| 1864                | Nipisc.....       | W. S.                    | 4     | 140   | *593   | Portsmouth.....        | 83,000    | Puget Sound.....  | 1900  |
| 1864                | Nyack.....        | W. S.                    | 3     | 120   | 593    | New York.....          | †92,000   | Condemned in.....   | 1883  |
| 1864                | Ontario.....      | W. S.                    | 25    | 450   | 3,177  | New York.....          | .....     | Name changed to New York in 1869; never completed.....                    | ..... |
| 1864                | Passaconaway..... | I. MDT.                  | 4     | 120   | 3,200  | Portsmouth.....        | .....     | Name changed to Massachusetts in 1869; never completed.....               | ..... |
| 1864                | Peacock.....      | W. S.                    | 12    | 240   | 1,380  | .....                  | .....     | Authorized but never built.....   | ..... |
| 1864                | Pequot.....       | W. S.                    | 4     | 110   | 593    | Boston.....            | †68,000   | Condemned in.....   | 1875  |
| 1864                | Piscataqua.....   | W. S.                    | 25    | 450   | 3,177  | Portsmouth.....        | 718,000   | Name changed to Delaware in 1869; sold in.....                            | 1878  |
| 1864                | Puritan†.....     | I. MDT.                  | 4     | 120   | *3,265 | New York.....          | .....     | Rebuilt in 1874; Norfolk.....   | 1900  |
| 1864                | Pushmataha.....   | W. S.                    | 13    | 260   | 2,348  | Philadelphia.....      | 684,000   | Name changed to Congress in.....  | 1869  |
| 1864                | Quinnebaugh.....  | W. S.                    | 10    | 160   | 831    | New York.....          | 216,800   | Condemned in.....   | 1890  |
| 1864                | Quinsigamond..... | I. MDT.                  | 4     | 120   | 3,200  | .....                  | 680,000   | Name changed to Oregon in 1869; broken up in.....                         | 1882  |
| 1864                | Resaca.....       | W. S.                    | 10    | 160   | 900    | Washington.....        | 212,000   | Condemned in.....   | 1875  |
| 1864                | Saco.....         | W. S.                    | 3     | 120   | 593    | Boston.....            | †75,000   | Condemned in.....   | 1880  |
| 1864                | Sarapa.....       | W. S.                    | 12    | 260   | 1,380  | .....                  | .....     | Authorized but never built.....   | ..... |
| 1864                | Shackamaxon.....  | I. MDT.                  | 4     | 120   | 3,200  | Philadelphia.....      | .....     | Name changed to Nebraska in 1869; broken up in.....                       | 1875  |
| 1864                | Shawmut.....      | W. S.                    | 8     | 120   | 593    | Portsmouth.....        | †92,000   | Condemned in.....   | 1882  |
| 1864                | Taghkanic.....    | W. S.                    | 12    | 240   | 2,348  | .....                  | .....     | Authorized but never built.....   | ..... |
| 1864                | Tahgayuta.....    | W. S.                    | 13    | 240   | 2,348  | .....                  | .....     | Authorized but never built.....   | ..... |
| 1864                | Talladega.....    | W. S.                    | 12    | 240   | 1,380  | .....                  | .....     | Authorized but never built.....   | ..... |
| 1864                | Terror.....       | .....                    | ..... | ..... | .....  | (See Agamenticus)..... | .....     | .....   | ..... |
| 1864                | Tonawanda†.....   | I. MDT.                  | 4     | 120   | 1,564  | Philadelphia.....      | †130,000  | Name changed to Amphitrite in 1869; rebuilt in 1874; special service..... | 1900  |
| 1864                | Wanloset.....     | W. S.                    | 13    | 240   | 2,348  | .....                  | .....     | Authorized but never built.....   | ..... |
| 1864                | Watauga.....      | W. S.                    | 13    | 240   | 3,365  | .....                  | .....     | Authorized but never built.....   | ..... |
| 1864                | Willamette.....   | W. S.                    | 13    | 240   | 2,348  | .....                  | .....     | Authorized but never built.....   | ..... |
| 1864                | Yantic.....       | W. S.                    | 4     | 120   | 900    | Philadelphia.....      | †68,500   | Laid up.....  | 1900  |
| 1865                | Franklin.....     | W. S.                    | 52    | 560   | 5,170  | Portsmouth.....        | 960,000   | Receiving ship at Norfolk.....  | 1900  |
| 1867                | Alaska.....       | W. S.                    | 10    | 220   | 1,740  | Boston.....            | 420,000   | Condemned in.....   | 1881  |
| 1867                | Kenosha.....      | W. S.                    | 10    | 220   | 1,740  | New York.....          | 418,000   | Name changed to Plymouth in 1869; condemned in.....                       | 1887  |
| 1867                | Omaha.....        | W. S.                    | 10    | 220   | 2,400  | Philadelphia.....      | 518,000   | Marine Hospital.....  | 1900  |

| Built or Projected. | NAME.           | Material and Propulsion. | Guns. | Crew. | Total. | Where Built.    | Cost.     | Remarks.                                | Date. |
|---------------------|-----------------|--------------------------|-------|-------|--------|-----------------|-----------|---|-------|
| 1872                | Swatara.....    | W. S.                    | 6     | 180   | 1,900  | New York.....   | \$412,000 | Condemned in.....                       | 1897  |
| 1874                | Alarm.....      | Ram.                     | 50    | 800   | 800    | New York.....   | 122,000   | Sold in.....                            | 1875  |
| 1875                | Alert.....      | I. S.                    | 7     | 150   | 1,020  | Chester.....    | 284,000   | Mare Island.....                        | 1900  |
| 1875                | Marion.....     | W. S.                    | 8     | 290   | 1,900  | Kittery.....    | 392,000   | Marine School, Boston.....              | 1900  |
| 1875                | Trenton.....    | W. S.                    | 11    | 250   | 2,300  | New York.....   | 480,000   | Wrecked at Apla.....                    | 1852  |
| 1876                | Adams.....      | W. S.                    | 6     | 160   | 1,375  | Boston.....     | 340,000   | Training ship.....                      | 1900  |
| 1876                | Alliance.....   | W. S.                    | 6     | 160   | 1,375  | Norfolk.....    | 355,000   | Training ship.....                      | 1900  |
| 1876                | Enterprise..... | W. S.                    | 4     | 140   | 1,375  | Kittery.....    | 360,000   | Marine School, Boston.....              | 1900  |
| 1876                | Essex.....      | W. S.                    | 6     | 140   | 1,375  | Kittery.....    | 360,000   | Training ship.....                      | 1900  |
| 1876                | Ranger.....     | I. S.                    | 6     | 140   | 1,020  | Wilmington..... | 278,000   | Mare Island.....                        | 1900  |
| 1879                | Nipsic.....     | W. S.                    | 4     | 140   | 1,375  | Washington..... | .....     | Puget Sound.....                        | 1900  |
| 1879                | Thetis.....     | W. S.                    | 6     | 140   | 1,250  | .....           | .....     | Purchased in Scotland; Mare Island..... | 1900  |

\*Old tonnage. †Price of machinery; hull built by the Government. ‡An appropriation of \$3,178,046 was made in 1873 to rebuild the Agamemnon (Terror), Puritan, Miantonomoh, Tonawanda (Amphitrite), and Monadnock. Their present tonnage is 3,990, excepting the Terror and Puritan, which are 6,060 tons.

THE NEW NAVY.

On the close of the civil war most of the vessels which the Government had under construction were left unfinished. A few were completed and were commissioned after the war. A large number were sold or broken up, and it was not until 1883 that the first ships of our present navy were begun. The first was the Dolphin, which was soon followed by the Chicago, Boston, and Atlanta. From the initial letters of these new ships they came to be known as the "A, B, C, D" of the new navy.

ABBREVIATIONS: W., Wood; I., Iron; St., Steel; C., Composite Gunboat; S., Screw; TS., Twin Screws; Tr. S., Triple Screws; MDT., Double Turret Monitor; TT., Torpedo Tubes; M. B., Main Battery.

| Keel Laid. | NAME.              | Material and Propulsion. | Guns. M. B. | Crew. | Tons.  | Where Built.       | Cost.      | Main Battery.                              | Date. |
|------------|--------------------|--------------------------|-------------|-------|--------|--------------------|------------|--|-------|
| 1883       | Atlanta.....       | St. S.                   | 8           | 284   | 3,000  | Chester.....       | \$617,000  | 2 8 in., 6 6 in.....                       | 1900  |
| 1883       | Boston.....        | St. S.                   | 8           | 284   | 3,035  | Chester.....       | 619,000    | 2 8 in., 6 6 in.....                       | 1900  |
| 1883       | Chicago.....       | St. TS.                  | 14          | 409   | 5,000  | Chester.....       | 889,000    | 4 8 in., 8 6 in., 2 5 in.....              | 1900  |
| 1883       | Dolphin.....       | St. S.                   | 3           | 115   | 1,486  | Chester.....       | 315,000    | 3 4 in.....                                | 1900  |
| 1887       | Baltimore.....     | St. TS.                  | 10          | 386   | 4,500  | San Francisco..... | 1,325,000  | 4 8 in., 6 6 in.....                       | 1900  |
| 1887       | Charleston.....    | St. TS.                  | 8           | 300   | 4,040  | San Francisco..... | 1,017,000  | 2 8 in., 6 6 in.....                       | 1900  |
| 1887       | Newark.....        | St. TS.                  | 12          | 357   | 4,098  | Philadelphia.....  | 1,248,000  | 12 6 in.....                               | 1900  |
| 1887       | Petrel.....        | St. S.                   | 4           | 132   | 892    | Baltimore.....     | 247,000    | 4 6 in.....                                | 1900  |
| 1887       | Venauvis.....      | St. TS.                  | 9           | 300   | 929    | Philadelphia.....  | 350,000    | 3 15 in. dynamite guns.....                | 1900  |
| 1887       | Yorktown.....      | St. TS.                  | 6           | 200   | 1,710  | Chester.....       | 455,000    | 6 6 in.....                                | 1900  |
| 1888       | Bennington.....    | St. TS.                  | 6           | 197   | 1,700  | Chester.....       | 490,000    | 6 6 in.....                                | 1900  |
| 1888       | Concord.....       | St. TS.                  | 6           | 193   | 1,700  | Chester.....       | 490,000    | 6 6 in.....                                | 1900  |
| 1888       | Maine.....         | St. TS.                  | 10          | 362   | 6,648  | Brooklyn.....      | 2,500,000  | 4 10 in., 6 6 in.; blown up in Havana..... | 1898  |
| 1888       | Philadelphia.....  | St. TS.                  | 12          | 384   | 4,410  | Philadelphia.....  | 1,350,000  | 12 6 in.....                               | 1900  |
| 1888       | San Francisco..... | St. TS.                  | 12          | 388   | 4,098  | San Francisco..... | 1,428,000  | 12 6 in.....                               | 1900  |
| 1888       | Stiletto.....      | W. S.                    | 3 TT.       | 15    | 318    | Bristol.....       | 25,000     | 3 torpedo tubes.....                       | 1900  |
| 1889       | Cushing.....       | St. TS.                  | 3 TT.       | 25    | 105    | Bristol.....       | 82,750     | 3 torpedo tubes.....                       | 1900  |
| 1889       | Raleigh.....       | St. TS.                  | 11          | 312   | 3,213  | Norfolk.....       | 1,100,000  | 1 6 in., 10 5 in.....                      | 1900  |
| 1889       | Texas.....         | St. TS.                  | 8           | 388   | 6,316  | Norfolk.....       | 2,500,000  | 2 12 in., 6 6 in.....                      | 1900  |
| 1890       | Cincinnati.....    | St. TS.                  | 11          | 312   | 3,213  | Brooklyn.....      | 1,100,000  | 1 6 in., 10 5 in.....                      | 1900  |
| 1890       | Columbia.....      | St. TS.                  | 11          | 469   | 7,375  | Philadelphia.....  | 2,725,000  | 1 8 in., 2 6 in., 8 4 in.....              | 1900  |
| 1890       | Detroit.....       | St. TS.                  | 10          | 277   | 2,069  | Baltimore.....     | 612,500    | 2 6 in., 8 5 in.....                       | 1900  |
| 1890       | Marblehead.....    | St. TS.                  | 10          | 274   | 2,089  | Boston.....        | 674,000    | 2 6 in., 8 5 in.....                       | 1900  |
| 1890       | Montgomery.....    | St. TS.                  | 10          | 274   | 2,089  | Baltimore.....     | 612,500    | 2 6 in., 8 5 in.....                       | 1900  |
| 1890       | New York.....      | St. TS.                  | 18          | 566   | 8,200  | Philadelphia.....  | 2,985,000  | 6 8 in., 12 4 in.....                      | 1900  |
| 1890       | Olympia.....       | St. TS.                  | 14          | 429   | 5,870  | San Francisco..... | 1,796,000  | 4 8 in., 10 5 in.....                      | 1900  |
| 1891       | Bancroft.....      | St. TS.                  | 4           | 130   | 839    | New Jersey.....    | 250,000    | 4 4 in.....                                | 1900  |
| 1891       | Buffalo.....       | St. S.                   | 6           | 250   | 6,000  | .....              | 675,000    | 6 6 in.....                                | 1900  |
| 1891       | Castine.....       | St. TS.                  | 8           | 153   | 1,777  | Bath.....          | 318,000    | 8 4 in.....                                | 1900  |
| 1891       | Indiana.....       | St. TS.                  | 16          | 465   | 10,810 | Philadelphia.....  | 3,063,000  | 4 13 in., 8 8 in., 4 6 in.....             | 1900  |
| 1891       | Katabdin.....      | St. S.                   | 4           | 121   | 2,155  | Bath.....          | 930,000    | 4 6 pounders.....                          | 1900  |
| 1891       | Macias.....        | St. TS.                  | 8           | 153   | 1,777  | Bath.....          | 318,500    | 8 4 in., 8 5 in., 6 6 in.....              | 1900  |
| 1891       | Massachusetts..... | St. TS.                  | 16          | 450   | 10,810 | Philadelphia.....  | 3,063,000  | 4 13 in., 8 8 in., 4 6 in.....             | 1900  |
| 1891       | Minneapolis.....   | St. Tr. S.               | 11          | 496   | 7,375  | Philadelphia.....  | 2,690,000  | 1 8 in., 2 6 in., 8 4 in.....              | 1900  |
| 1891       | Oregon.....        | St. TS.                  | 16          | 460   | 11,000 | San Francisco..... | 3,292,810  | 4 13 in., 8 8 in., 4 6 in.....             | 1900  |
| 1892       | Ericsson.....      | St. TS.                  | 3           | 23    | 120    | Dubuque.....       | 113,500    | 3 torpedo tubes.....                       | 1900  |
| 1892       | Topeka.....        | I. S.                    | 6           | 260   | 1,814  | England.....       | 170,327    | 6 4 in.....                                | 1900  |
| 1893       | Brooklyn.....      | St. TS.                  | 20          | 541   | 9,215  | Philadelphia.....  | 2,986,000  | 8 8 in., 12 5 in.....                      | 1900  |
| 1893       | Iowa.....          | St. TS.                  | 18          | 484   | 11,340 | Philadelphia.....  | 3,010,000  | 4 12 in., 8 8 in., 6 4 in.....             | 1900  |
| 1894       | Helena.....        | St. TS.                  | 8           | 133   | 1,397  | Newport News.....  | 280,000    | 8 4 in.....                                | 1900  |
| 1894       | Nashville.....     | St. TS.                  | 8           | 133   | 1,371  | Newport News.....  | 280,000    | 8 4 in.....                                | 1900  |
| 1894       | Wilmington.....    | St. TS.                  | 8           | 133   | 1,397  | Newport News.....  | 280,000    | 8 4 in.....                                | 1900  |
| 1896       | Alabama.....       | St. TS.                  | 18          | 585   | 11,865 | Philadelphia.....  | 3,460,000  | 4 13 in., 14 6 in.....                     | 1900  |
| 1896       | Albany.....        | St. S.                   | 6           | 285   | 8,437  | England.....       | Purchased. | 6 8 in.....                                | 1900  |
| 1896       | Annapolis.....     | C. S.                    | 6           | 115   | 1,000  | Elizabethport..... | 227,700    | 6 4 in.....                                | 1900  |
| 1896       | Du Pont.....       | St. TS.                  | 3           | 30    | 165    | Bristol.....       | 147,000    | 3 torpedo tubes.....                       | 1900  |
| 1896       | Foote.....         | St. TS.                  | 3           | 25    | 142    | Baltimore.....     | 97,000     | 3 torpedo tubes.....                       | 1900  |
| 1896       | Illinois.....      | St. TS.                  | 18          | 585   | 11,865 | Newport News.....  | 2,595,000  | Now building.....                          | 1900  |
| 1896       | Kearsarge.....     | St. TS.                  | 22          | 520   | 11,825 | Newport News.....  | 2,250,000  | Now building.....                          | 1900  |
| 1896       | Kentucky.....      | St. TS.                  | 22          | 520   | 11,825 | Newport News.....  | 2,250,000  | Now building.....                          | 1900  |
| 1896       | Marietta.....      | C. S.                    | 6           | 116   | 1,000  | San Francisco..... | 223,000    | 6 4 in.....                                | 1900  |
| 1896       | New Orleans.....   | St. S.                   | 6           | 320   | 3,437  | England.....       | Purchased. | 6 6 in.....                                | 1900  |
| 1896       | Newport.....       | C. S.                    | 6           | 115   | 1,000  | Bath.....          | 229,400    | 6 4 in.....                                | 1900  |

## UNITED STATES WARSHIPS, 1775-1900—Continued.

| Keel Laid. | NAME.                | Material and Propulsion. | Guns. M. B. | Crew. | Tons.  | Where Built.                       | Cost.     | Main Battery.             | Date. |
|------------|----------------------|--------------------------|-------------|-------|--------|------------------------------------|-----------|---------------------------|-------|
| 1896       | Plunger.....         | St. St.                  | 2           | 30    | 168    | Baltimore.....                     | \$150,000 | 3 torpedo tubes.....      | 1900  |
| 1896       | Porter.....          | St. St.                  | 3           | 30    | 165    | Bristol.....                       | 147,000   | 3 torpedo tubes.....      | 1900  |
| 1896       | Princeton.....       | C. S.                    | 6           | 115   | 1,100  | Camden, N. J.....                  | 230,000   | 6 4 in.....               | 1900  |
| 1896       | Rodgers.....         | St. St.                  | 3           | 25    | 142    | Baltimore.....                     | 97,500    | 3 torpedo tubes.....      | 1900  |
| 1896       | Rowan.....           | St. St.                  | 3           | 30    | 182    | Seattle, Wash.....                 | 160,000   | 3 torpedo tubes.....      | 1900  |
| 1896       | Vicksburg.....       | C. S.                    | 6           | 115   | 1,000  | Bath.....                          | 230,000   | 6 4 in.....               | 1900  |
| 1896       | Wheeling.....        | C. S.                    | 6           | 115   | 1,000  | San Francisco.....                 | 219,000   | 6 4 in.....               | 1900  |
| 1896       | Winslow.....         | St. St.                  | 3           | 25    | 142    | Baltimore.....                     | 97,500    | 3 torpedo tubes.....      | 1900  |
| 1896       | Wisconsin.....       | St. St.                  | 18          | 588   | 11,563 | San Francisco.....                 | 2,674,950 | Now building.....         | 1900  |
| 1897       | Bailey.....          | St. St.                  | 2           | 25    | 235    | Morris Heights.....                | 210,000   | 2 torpedo tubes.....      | 1900  |
| 1897       | Dahlgren.....        | St. St.                  | 2           | 25    | 140    | Bath.....                          | 194,000   | 2 torpedo tubes.....      | 1900  |
| 1897       | Davis.....           | St. St.                  | 3           | 25    | 154    | Portland, Ore.....                 | 81,543    | 3 torpedo tubes.....      | 1900  |
| 1897       | Farragut.....        | St. St.                  | 2           | 25    | 279    | San Francisco.....                 | 227,500   | 2 torpedo tubes.....      | 1900  |
| 1897       | Fox.....             | St. St.                  | 3           | 25    | 154    | Portland, Ore.....                 | 85,000    | 3 torpedo tubes.....      | 1900  |
| 1897       | Goldborough.....     | St. St.                  | 2           | 25    | 247    | Portland, Ore.....                 | 214,500   | 2 torpedo tubes.....      | 1900  |
| 1897       | Gwin.....            | St. S.                   | 2           | 25    | 46     | Bristol.....                       | 39,000    | 2 torpedo tubes.....      | 1900  |
| 1897       | MacKenzie.....       | St. S.                   | 2           | 25    | 65     | Philadelphia.....                  | 48,500    | 2 torpedo tubes.....      | 1900  |
| 1897       | Manly.....           | St. S.                   | 1           | 20    | 79     | England.....                       | 21,250    | 1 torpedo tube.....       | 1900  |
| 1897       | McKee.....           | St. S.                   | 2           | 25    | 65     | Baltimore.....                     | 45,000    | 2 torpedo tubes.....      | 1900  |
| 1897       | Morris.....          | St. St.                  | 3           | 25    | 109    | Bristol.....                       | 89,000    | 3 torpedo tubes.....      | 1900  |
| 1897       | Somers.....          | St. S.                   | 3           | 20    | 135    | Germany.....                       | 72,997    | 3 torpedo tubes.....      | 1900  |
| 1897       | Stringham.....       | St. St.                  | 2           | 25    | 340    | Wilmington.....                    | 236,000   | 2 torpedo tubes.....      | 1900  |
| 1897       | Talbot.....          | St. S.                   | 2           | 25    | 40     | Bristol.....                       | 39,000    | 2 torpedo tubes.....      | 1900  |
| 1897       | T. A. M. Craven..... | St. St.                  | 2           | 25    | 140    | Bath.....                          | 194,000   | 2 torpedo tubes.....      | 1900  |
| 1898       | Arkansas.....        | St. MDT. St.             | 6           | 120   | 3,335  | Newport News.....                  | 9-0,000   | 12 per cent finished..... | 1900  |
| 1898       | Bagley.....          | St. St.                  | 3 TT.       | 50    | 167    | Bath.....                          | 161,000   | Fitting out.....          | 1900  |
| 1898       | Bainbridge.....      | St. St.                  | 2 TT.       | 35    | 420    | Philadelphia.....                  | 283,000   | Nearly finished.....      | 1900  |
| 1898       | Barney.....          | St. St.                  | 3 TT.       | 35    | 167    | Bath.....                          | 161,000   | Building.....             | 1900  |
| 1898       | Barry.....           | St. St.                  | 2 TT.       | 35    | 420    | Philadelphia.....                  | 283,000   | Building.....             | 1900  |
| 1898       | Biddle.....          | St. St.                  | 3 TT.       | 35    | 167    | Bath.....                          | 161,000   | Building.....             | 1900  |
| 1898       | Blakeley.....        | St. St.                  | 3 TT.       | 50    | 165    | Boston.....                        | 159,000   | Building.....             | 1900  |
| 1898       | Chausse.....         | St. St.                  | 2 TT.       | 25    | 420    | Philadelphia.....                  | 238,000   | Building.....             | 1900  |
| 1898       | Chesapeake.....      | C. Sail.                 | 6           | 180   | 1,175  | Bath.....                          | 112,630   | Practice ship.....        | 1900  |
| 1898       | Connecticut.....     | St. MDT. St.             | 6           | 150   | 3,335  | Newport News.....                  | 922,000   | 28 per cent finished..... | 1900  |
| 1898       | Dale.....            | St. St.                  | 2 TT.       | 35    | 42     | Richmond, Va.....                  | 260,000   | Building.....             | 1900  |
| 1898       | Decatur.....         | St. St.                  | 2 TT.       | 50    | 420    | Richmond, Va.....                  | 280,000   | Building.....             | 1900  |
| 1898       | De Long.....         | St. St.                  | 3 TT.       | 50    | 165    | Boston.....                        | 169,400   | Building.....             | 1900  |
| 1898       | Florida.....         | St. MDT. St.             | 6           | 160   | 3,25   | Elizabeth <sup>h</sup> , N. J..... | 925,000   | 42 per cent finished..... | 1900  |
| 1898       | Hopkins.....         | St. St.                  | 2 TT.       | 35    | 408    | Wilmington, Del.....               | 291,000   | Building.....             | 1900  |
| 1898       | Hull.....            | St. St.                  | 2 TT.       | 35    | 408    | Wilmington, Del.....               | 291,000   | Building.....             | 1900  |
| 1898       | Lawrence.....        | St. St.                  | 2 TT.       | 35    | 40     | Weymouth, Mass.....                | 221,000   | Building.....             | 1900  |
| 1898       | Macedonough.....     | St. St.                  | 2 TT.       | 35    | 400    | Weymouth, Mass.....                | 231,000   | Building.....             | 1900  |
| 1898       | Maine (2).....       | St. St.                  | 20          | 450   | 12,300 | Philadelphia.....                  | 2,885,000 | Building.....             | 1900  |
| 1898       | Missouri.....        | St. St.                  | 20          | 450   | 12,230 | Newport News.....                  | 2,885,000 | Building.....             | 1900  |
| 1898       | Nicholson.....       | St. St.                  | 3 TT.       | 35    | 174    | Elizabeth <sup>h</sup> , N. J..... | 165,000   | Building.....             | 1900  |
| 1898       | O'Brien.....         | St. St.                  | 3 TT.       | 55    | 174    | Elizabeth <sup>h</sup> , N. J..... | 165,000   | Building.....             | 1900  |
| 1898       | Ohio.....            | St. St.                  | 20          | 450   | 12,44  | San Francisco.....                 | 2,899,000 | Building.....             | 1900  |
| 1898       | Paul Jones.....      | St. St.                  | 2 TT.       | 35    | 420    | San Francisco.....                 | 265,000   | Building.....             | 1900  |
| 1898       | Ferry.....           | St. St.                  | 2 TT.       | 35    | 420    | San Francisco.....                 | 265,000   | Building.....             | 1900  |
| 1898       | Preble.....          | St. St.                  | 2 TT.       | 35    | 420    | San Francisco.....                 | 265,000   | Building.....             | 1900  |
| 1898       | Shubrick.....        | St. St.                  | 3 TT.       | 35    | 165    | Richmond, Va.....                  | 129,750   | Building.....             | 1900  |
| 1898       | Stewart.....         | St. St.                  | 2 TT.       | 35    | 420    | Morris Heights.....                | 282,000   | Building.....             | 1900  |
| 1898       | Stockton.....        | St. St.                  | 3 TT.       | 35    | 165    | Richmond, Va.....                  | 129,750   | Building.....             | 1900  |
| 1898       | Thornton.....        | St. St.                  | 3 TT.       | 35    | 165    | Richmond, Va.....                  | 129,750   | Building.....             | 1900  |
| 1898       | Thingy.....          | St. St.                  | 3 TT.       | 35    | 165    | Baltimore.....                     | 168,000   | Building.....             | 1900  |
| 1898       | Truxtun.....         | St. St.                  | 2 TT.       | 35    | 433    | Sparrow Pnt, Md.....               | 286,000   | Building.....             | 1900  |
| 1898       | Whipple.....         | St. St.                  | 2 TT.       | 35    | 433    | Sparrow Pnt, Md.....               | 286,000   | Building.....             | 1900  |
| 1898       | Wilkes.....          | St. St.                  | 8 TT.       | 35    | 165    | Morris Heights.....                | 145,000   | Building.....             | 1900  |
| 1898       | Worden.....          | St. St.                  | 2 TT.       | 35    | 433    | Sparrow Pnt, Md.....               | 286,000   | Building.....             | 1900  |
| 1898       | Wyoming.....         | St. St.                  | 6           | 160   | 3,255  | San Francisco.....                 | 975,000   | Building.....             | 1900  |

On April 7, 1890, the President named the twelve new warships authorized by Congress to be built, as follows: Battle-ships, Pennsylvania, New Jersey, and Georgia; armored cruisers, West Virginia, Nebraska, and California; cruisers, Denver, Des Moines, Chattanooga, Galveston, Tacoma, and Cleveland.

The battle-ships Pennsylvania, New Jersey, and Georgia are described in the act authorizing them as follows: "Three sea-going coast-line battle-ships, carrying the heaviest armor and most powerful ordnance for vessels of their class upon a trial displacement of about 13,500 tons, to be sheathed and coppered, and to have the highest practicable speed and great radius of action, and to cost, exclusive of armor and armament, not exceeding \$3,600,000 each."

The armored cruisers are similarly described, except that they are to cost \$4,000,000 each and are to have a displacement of 12,000 tons.

The cruisers are described as "protected cruisers of about 2,500 tons trial displacement, to be sheathed and coppered, and to have the highest speed compatible with good cruising qualities, great radius of action, and to carry the most powerful ordnance suited to vessels of their class, and to cost, exclusive of armament, not exceeding \$1,141,800 each."

## Relative Rank of Officers

## IN THE UNITED STATES ARMY AND NAVY.

|  |   |
|--|---|
| Generals rank with Admirals.                 | Lieutenant-Colonels rank with Commanders. |
| Lieutenant-Generals rank with Vice-Admirals. | Majors rank with Lieutenant-Commanders.   |
| Major-Generals rank with Rear-Admirals.      | Captains rank with Lieutenants.           |
| Brigadier-Generals rank with Commodores.     | Lieutenants rank with Ensigns.            |
| Colonels rank with Captains.                 |   |

Statistics of the Countries of the World.

| COUNTRIES.                    | Population.  | Sq. Miles. | Capitals.       | COUNTRIES.                 | Population. | Sq. Miles. | Capitals.      |
|-------------------------------|--------------|------------|-----------------|----------------------------|-------------|------------|----------------|
| China.....                    | 402,580,000  | 4,218,401  | Peking.         | Turkish Empire.....        | 33,559,787  | 1,652,533  | Constantinople |
| British Empire*.....          | 385,280,140  | 11,712,170 | London.         | European Turkey.....       | 4,790,000   | 63,850     | .....          |
| Russian Empire.....           | 128,932,173  | 8,660,395  | St. Petersburg. | Asiatic Turkey.....        | 16,133,900  | 729,170    | .....          |
| United States.....            | 178,000,000  | 3,602,990  | Washington.     | Tripoli.....               | 1,000,000   | 338,873    | Tripoli        |
| United States and Colonies    | + 87,000,000 | 3,756,884  | Washington      | Bulgaria.....              | 3,154,375   | 37,860     | Sofia          |
| Philippines.....              | 8,000,000    | 143,000    | Manila.         | Egypt.....                 | 9,700,000   | 400,000    | Cairo.         |
| Porto Rico.....               | 900,000      | 3,600      | San Juan.       | Italy and Colonies.....    | 29,659,783  | 119,075    | Rome           |
| Hawaii.....                   | 109,029      | 6,740      | Honolulu.       | Abyssinia.....             | 4,500,000   | 184,000    | .....          |
| Tutuila, Samoa.....           | 9,000        | 50         | .....           | Eritrea.....               | 600,000     | 56,100     | .....          |
| Guam.....                     | 4,000        | 54         | .....           | Somal Coast.....           | 210,000     | 70,000     | .....          |
| France and Colonies.....      | 63,166,967   | 3,357,856  | Paris.          | Spain.....                 | 17,550,215  | 196,173    | Madrid.        |
| France.....                   | 38,517,975   | 204,177    | Paris.          | Spanish Africa.....        | 437,000     | 203,761    | .....          |
| Colonies.....                 | 21,448,064   | 2,923,679  | .....           | Spanish Islands.....       | 127,172     | 1,957      | .....          |
| Algeria.....                  | 3,870,000    | 260,000    | Algiers.        | Brazil.....                | 18,000,000  | 3,219,000  | Rio Janeiro    |
| Senegal, etc.....             | 183,237      | 55,000     | St. Louis.      | Mexico.....                | 12,578,861  | 767,176    | City of Mexico |
| Tunis.....                    | 1,500,000    | 450,000    | Tunis.          | Korea.....                 | 10,819,000  | 85,000     | Seoul.         |
| Cayenne.....                  | 26,502       | 46,697     | Cayenne.        | Congo State.....           | 8,000,000   | 892,000    | .....          |
| Cambodia.....                 | 1,500,000    | 32,254     | Saigon.         | Peru.....                  | 7,633,000   | 636,000    | Lima           |
| Cocinchina.....               | 1,237,000    | 3,619      | .....           | Portugal.....              | 4,703,773   | 24,076     | Lisbon         |
| Tonkin.....                   | 12,000,000   | 60,000     | Hanoi.          | Portugal and Colonies..... | 11,078,681  | 951,783    | Lisbon.        |
| New Caledonia.....            | 69,732       | 7,624      | Noumea.         | Portuguese Africa.....     | 5,116,000   | 841,025    | .....          |
| Tahiti.....                   | 12,600       | 402        | .....           | Portuguese Asia.....       | 4,815,003   | 7,923      | .....          |
| Sahara.....                   | 1,100,000    | 1,550,000  | .....           | Sweden and Norway.....     | 6,755,898   | 297,321    | .....          |
| Madagascar.....               | 3,500,000    | 230,000    | Antananarivo    | Sweden.....                | 4,783,981   | 172,875    | Stockholm.     |
| German Empire.....            | 52,279,901   | 311,108    | Berlin.         | Norway.....                | 2,000,917   | 124,145    | Kristiania.    |
| Prussia.....                  | 31,855,123   | 134,367    | Berlin.         | Morocco.....               | 6,500,000   | 214,000    | Fes            |
| Bavaria.....                  | 5,589,329    | 29,291     | Munich.         | Belgium.....               | 6,040,043   | 11,470     | Brussels.      |
| Saxony.....                   | 3,600,313    | 5,789      | Dresden.        | Siam.....                  | 5,700,000   | 280,550    | Bangkok.       |
| Wurtemberg.....               | 2,035,443    | 7,531      | Stuttgart.      | Roumania.....              | 5,376,000   | 463,211    | Bucharest      |
| Baden.....                    | 1,956,317    | 5,803      | Karlsruhe.      | Argentine Republic.....    | 4,642,000   | 1,095,045  | Buenos Ayres   |
| Alsace-Lorraine.....          | 1,600,987    | 5,092      | Strasbourg.     | Colombia.....              | 4,600,000   | 231,420    | Bogota         |
| Hesse.....                    | 955,170      | 2,965      | Darmstadt.      | Afghanistan.....           | 4,600,000   | 279,000    | Cabul          |
| Mecklenburg-Schwerin.....     | 575,140      | 5,137      | Schwerin.       | Chile.....                 | 3,600,000   | 256,800    | Santiago.      |
| Hamburg.....                  | 692,590      | 158        | .....           | Peru.....                  | 3,000,000   | 405,040    | Lima.          |
| Brunswick.....                | 372,580      | 1,425      | Brunswick.      | Switzerland.....           | 2,938,334   | 15,481     | Berne          |
| Oldenburg.....                | 341,250      | 2,479      | Oldenburg.      | Bolivia.....               | 2,600,000   | 472,000    | La Paz.        |
| Saxe-Weimar.....              | 313,668      | 1,387      | Weimar.         | Greece.....                | 2,433,806   | 49,000     | Athens         |
| Anhalt.....                   | 217,063      | 906        | Dessau.         | Denmark.....               | 2,127,205   | 14,780     | Copenhagen.    |
| Saxe-Meiningen.....           | 214,697      | 923        | Meiningen.      | Denmark and Colonies.....  | 2,283,192   | 101,404    | Copenhagen     |
| Saxe-Coburg-Gotha.....        | 198,717      | 760        | Gotha.          | Iceland.....               | 22,415      | 29,756     | Reykjavik      |
| Bremen.....                   | 180,443      | 99         | .....           | Greenland.....             | 9,730       | 46,740     | Godthaab.      |
| Saxe-Altenburg.....           | 161,129      | 591        | Altenburg.      | West Indies.....           | 37,523      | 119        | .....          |
| Lippe.....                    | 123,350      | 472        | Detmold.        | Venezuela.....             | 2,444,216   | 566,139    | Caracas.       |
| Reuss (Younger line).....     | 112,118      | 319        | Gera.           | Serbia.....                | 2,096,043   | 18,757     | Belgrade       |
| Mecklenburg-Strelitz.....     | 98,371       | 1,131      | Neu-Strelitz.   | Nepal.....                 | 2,000,000   | 56,800     | Khatmandu.     |
| Schwarzburg-Rudolstadt.....   | 83,429       | 363        | Rudolstadt.     | Cuba.....                  | 1,600,000   | 41,655     | Havana.        |
| Schwarzburg-Soud's's'n.....   | 73,923       | 323        | Sunderhausen.   | Oman.....                  | 1,600,000   | 81,000     | Muscat.        |
| Lubeck.....                   | 76,485       | 115        | .....           | Guatemala.....             | 1,625,632   | 46,774     | N. Guatemala.  |
| Waldeck.....                  | 56,565       | 433        | Arolsen.        | Equador.....               | 1,300,000   | 144,000    | Quito          |
| Reuss (Elder line).....       | 52,787       | 122        | Greiz.          | Liberia.....               | 1,000,000   | 11,000     | Monrovia.      |
| Schaumburg-Lippe.....         | 31,204       | 131        | Backeburg.      | Haiti.....                 | 1,211,625   | 29,800     | Port-au-Prince |
| German Africa.....            | 5,850,000    | 822,000    | .....           | Trinidad.....              | 1,094,158   | 119,139    | Port-of-Spain  |
| Austro-Hungarian Empire.....  | 41,327,709   | 201,591    | Vienna.         | Salvador.....              | 800,000     | 7,200      | San Salvador   |
| Japan.....                    | 41,099,940   | 147,069    | Tokio.          | Uruguay.....               | 850,725     | 72,118     | Montevideo.    |
| Netherlands.....              | 4,450,570    | 12,680     | The Hague.      | Khiva.....                 | 700,000     | 29,200     | Khiva.         |
| Netherlands and Colonies..... | 33,012,293   | 778,187    | The Hague.      | Paraguay.....              | 600,000     | 145,000    | Assuncion.     |
| Borneo.....                   | 1,073,500    | 205,714    | .....           | Honduras.....              | 450,600     | 49,678     | Temucigalpa.   |
| Celebes.....                  | 2,000,000    | 72,000     | .....           | Nicaragua.....             | 600,000     | 51,600     | Managua.       |
| Java.....                     | 21,874,161   | 50,818     | Batavia.        | Dominican Republic.....    | 429,000     | 20,596     | San Domingo    |
| Moluccas.....                 | 355,000      | 42,490     | Ambogna.        | Montenegro.....            | 145,380     | 3,486      | Cettinje.      |
| New Guinea.....               | 200,000      | 150,755    | .....           | Costa Rica.....            | 209,683     | 1,398      | San Jose.      |
| Sumatra.....                  | 2,750,000    | 176,744    | .....           | Orange Free State.....     | 207,603     | 45,324     | Bloemfontein.  |
| Surinam.....                  | 57,141       | 46,060     | Paramaribo.     |                            |             |            |                |

\* These estimates of the population and area of the British Empire include the recently acquired great possessions in Africa. For statistics in detail see tabular page entitled "The British Empire." † Estimated for January 1, 1900.

Civil Lists of European Sovereigns.

Austria-Hungary, Emperor of, \$3,875,000.  
 Bavaria, King of, \$1,412,000.  
 Belgium, King of, \$669,000.  
 Denmark, King of, \$227,775; and Crown Prince, \$33,330.  
 Greece, King of, \$360,000, including \$30,000 a year each from Great Britain, France, and Russia.  
 Italy, King of, \$2,858,000, of which \$180,000 for family.  
 Netherlands, King of, \$350,000, also a large revenue from domains, and \$62,500 for royal family, courts, and palaces.  
 Norway and Sweden, King of, \$575,325.  
 Portugal, King of, \$634,440.

Prussia, King of, \$3,839,770; also a vast amount of private property, castles, forests, and estates, out of which the court expenditure and royal family are paid.  
 Roumania, King of, \$237,000.  
 Russia, Czar of, has private estates of more than 1,000,000 square miles of cultivated land and forests, besides gold and other mines in Siberia. The annual income has been estimated at about \$12,000,000.  
 Saxony, King of, \$735,000.  
 Serbia, King of, \$240,000.  
 Spain, King of, \$1,490,000, besides \$600,000 for family.  
 Württemberg, King of, \$449,050.—Barker's Facts.

## Ministries of Principal European Countries.

DECEMBER 1, 1899.

## AUSTRIA-HUNGARY.

## EMPIRE.

Minister Foreign Affairs—Count Goluchowski.  
Minister Finance—B. Benjamin von Kállay

Minister War—Baron Edler von Krieghammer.

## AUSTRIA.

Premier and Minister Agriculture—Count Clary-Altdringen.

Minister Finance—Herr von Kniazolucki.

Minister Interior—Dr. von Körber.

Minister Justice—Dr. von Stibral.

Minister for Galicia—Dr. Kindinger.

Minister Defences—Count Welsersheimb.

Minister Railways—Dr. von Wittek

Minister Public Instruction—Dr. von Hartel.

## HUNGARY.

Premier and Minister Interior—Koloman von Szell.

Minister Agriculture—Ignatius Daranyi.

Minister Defences—Baron Géza Fejérváry

Minister Justice—Dr. Plosz.

Minister Commerce—Alexander von Hegedius.

Minister for Croatia—Erwin Cseh.

Minister Education and Worship—Dr. J. Wlassistch.

Minister at Court of Vienna—Count Emmanuel

Minister Finance—Ladislas Lukacs.

Szechényi.

## FRANCE.

President and Minister Interior—Waldeck Rousseau.

Minister Marine—M. de Lanessan.

Minister Foreign Affairs—M. Delcassé.

Minister War—Gen. de Gallifet.

Minister Agriculture—M. Viguier.

Minister Public Works—M. Baudin.

Minister Finance—M. Caillaux.

Minister Justice and Worship—M. Monis.

Minister Colonies—M. Decrais.

Minister Instruction and Arts—M. Leygues.

Minister Commerce—M. Millerand.

Minister Posts and Telegraphs—M. Mougeot.

## GERMANY.

Chancellor of the Empire—Prince Clovis von Hohenlohe-Schillingsfürst

Minister Justice—Dr. Nieberding.

Minister Foreign Affairs—Count von Bülow.

Minister Finance—Baron von Thielmann.

Minister Interior—Count von Posadowski-Wehner.

Minister Post-Office—General von Podbielski.

Minister Marine—Admiral Hirpitz.

Minister Railroads—Dr. von Thielen.

## ITALY.

President and Minister Interior—General Luigi Pelloux.

Minister of Finance—Signor Carmine.

Minister Foreign Affairs—Marquis Visconti Venosta.

Minister Treasury—Signor Boselli.

Minister Justice—Signor Bonasi.

Minister Agriculture—Signor Salandra.

Minister War—General Mirri.

Minister Public Works—Signor Lacava

Minister Marine—Vice-Admiral Bettolo.

Minister Posts and Telegraphs—Signor Di San Giuliano.

Minister Instruction—Signor Baccelli.

## RUSSIA.

President of the Council—M. Durnovo.

Minister Imperial Domains and Agriculture—M. Yermoloff.

Minister Foreign Affairs—Count Muravieff.

Minister War—Lieutenant-General Kourapatkin.

Minister Finance—M. de Witte.

Minister Marine—Vice-Admiral Tirtoff.

Minister Interior—M. Zipegin.

Minister Justice—M. Muravieff

Minister Instruction—M. Bogolepoff.

Minister Public Works—Prince Khilkoff.

Minister Imperial Household—Baron Frederiks.

## NETHERLANDS.

President and Minister Foreign Affairs—M. W. H. de Beaufort.

Minister War—M. K. Eland.

Minister Interior—M. H. Goeman Borgesius.

Minister Finance—M. N. G. Pierson.

Minister Colonies—M. J. T. Cremer

Minister Marine—M. J. J. A. Röell.

Minister Justice—M. P. W. A. Cort van der Linden.

Minister Commerce—M. C. Lely.

## BELGIUM.

Premier, Finance, and Public Works—M. De Smet De Naeyer.

Minister Agriculture—M. van der Bruggen.

Minister Foreign Affairs—Paul de Favereau.

Minister Justice—M. van den Heuvel.

Minister Interior and Public Instruction—M. de Trooy

Minister Railways, Industry, and Labor—M. Liebart.

Minister War—General d'Alkemade.

## SPAIN.

President of Council and Minister Foreign Affairs—Señor Silveira.

Minister Interior—Señor Dato.

Minister War—General Azcarraga.

Minister Finance—Señor Villaverde.

Minister Marine—Admiral Gomez Imaz.

Minister Public Works—Marquis Pidel.

Minister Justice—Count Torrealanz.

## SWEDEN AND NORWAY.

## SWEDEN.

Prime Minister—E. G. Boström.

Minister Marine—G. Dyrssen.

Minister Foreign Affairs—F. Crusebjörn.

Minister Interior—T. E. von Krusenstjerna.

Minister Justice—P. S. L. Annerstedt.

Minister Finance—Count H. H. Wachtmeister.

Minister War—

Minister Instruction—N. L. A. Claëson.

## NORWAY.

President of Council and Minister of Justice—J. W. C. Steen.

Minister Justice—O. A. Zoam.

Minister War—Colonel P. T. Holet.

Minister Finance and Customs—E. Sunde.

Minister Interior—G. A. Thilesen.

Minister Public Works—J. G. Lövlund.

Minister Religion and Instruction—V. A. Wexelsen.

## TURKEY.

Grand Vizier—Khalil Rifaat Pacha.

Minister War—Riza Pacha.

Minister Foreign Affairs—Tewfik Pacha.

Minister Instruction—Zuhdi Pacha.

Minister Interior—Memdoud Pacha.

Minister Marine—Hassan Pacha.

Minister Finance—Reshad Bey.

Minister Public Works—Zihni Pacha.

Minister Justice—Abdurrahman Pacha.

Minister Worship—Ghalib Pacha.

# Heads of the Governments of the World.

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DECEMBER 1, 1899.

| COUNTRY.                    | Official Head.                     | Title.          | Born.          | Acceded.       |
|-----------------------------|------------------------------------|-----------------|----------------|----------------|
| Abyssinia                   | Menekel II.                        | Emperor         | 1843           | March 12, 1889 |
| Afghanistan                 | Abdur Rahman Khan.                 | Amier.          | 1845           | July 22, 1880  |
| Annam                       | Thanh Thai.                        | King.           | 1879           | Jan. 30, 1889  |
| Argentine Republic.         | Julio A. Roca.                     | President.      | .....          | Oct. 12, 1896  |
| Austria-Hungary.            | Fraucis Joseph.                    | Emperor.        | Aug. 18, 1830  | Dec. 2, 1848   |
| Baluchistan.                | Mir Mahmud.                        | Khan.           | .....          | August, 1893   |
| Belgium                     | Leopold II.                        | King.           | April 9, 1835  | Dec. 10, 1865  |
| Bokhara.                    | Seid Abdul Ahad.                   | Amier.          | ..... 1864     | Nov. 12, 1886  |
| Bolivia                     | General Pando.                     | President.      | .....          | Oct. 24, 1869  |
| Borneo.                     | Hasim Jalil Alam Akamaldin.        | Sultan.         | .....          | May, 1885      |
| Brazil                      | Señor Campos Salles.               | President.      | .....          | Oct., 1889     |
| Bulgaria.                   | Ferdinand.                         | Prince.         | Feb. 25, 1861  | Aug. 11, 1887  |
| Chile.                      | Federico Errázuriz.                | President.      | .....          | Sept. 18, 1896 |
| China                       | Kuang Hsü (Dowager Empress rules). | Emperor.        | Aug. 2, 1872   | Jan. 12, 1875  |
| Colombia                    | M. A. Sanclemente.                 | President.      | Oct. 28, 1814  | Aug. 5, 1896   |
| Congo Free State.           | Leopold (King of the Belgians)     | Sovereign.      | April 9, 1835  | April 30, 1885 |
| Costa Rica.                 | Rafael Iglesias.                   | President.      | ..... 1864     | May 8, 1894    |
| Dahomey                     | Guthill.                           | King.           | .....          | Jan. 15, 1863  |
| Denmark                     | Christian IX.                      | King.           | April 8, 1818  | Nov. 15, 1863  |
| Dominican Republic.         | Juan Isidro Jimenes.               | President.      | .....          | Nov. 11, 1889  |
| Ecuador.                    | General Eloy Alfaro.               | President.      | .....          | Sept., 1885    |
| Egypt.                      | Abbas Pacha.                       | Khédive.        | July 14, 1874  | Jan. 7, 1892   |
| France.                     | Emile Loubet.                      | President.      | Dec. 31, 1838  | Feb. 18, 1899  |
| Germany                     | William II.                        | Emperor         | Jan. 27, 1859  | June 15, 1888  |
| Prussia.                    | William II.                        | King.           | .....          | .....          |
| Bavaria.                    | Otto.                              | King.           | April 27, 1848 | June 13, 1886  |
| Saxony.                     | Albert.                            | King.           | April 23, 1828 | Oct. 29, 1873  |
| Wurtemberg.                 | William II.                        | King.           | Feb. 25, 1848  | Oct. 6, 1891   |
| Baden.                      | Federick.                          | Grand Duke.     | Sept. 9, 1826  | Sept. 5, 1856  |
| Hesse.                      | Ernest Louis V.                    | Grand Duke.     | Nov. 25, 1858  | March 13, 1892 |
| Lippe-Detmold.              | Alexander (A Regency)              | Prince.         | Jan. 16, 1831  | March 20, 1895 |
| Prussia.                    | Federick.                          | Duke.           | April 29, 1831 | May 23, 1871   |
| Brunswick.                  | Prince Albert.                     | Regent.         | May 8, 1837    | Oct. 21, 1886  |
| Mecklenburg-Schwerin.       | Federick Francis IV. (A Regency)   | Grand Duke.     | April 9, 1832  | April 10, 1897 |
| Mecklenburg-Strelitz.       | Federick William.                  | Grand Duke.     | Oct. 17, 1819  | Sept. 6, 1880  |
| Oldenburg.                  | Peter.                             | Grand Duke.     | July 8, 1837   | Feb. 27, 1853  |
| Saxe-Altenburg.             | Ernest.                            | Duke.           | Sept. 16, 1826 | Aug. 2, 1853   |
| Saxe-Coburg and Gotha.      | Alfred (Duke of Edinburgh)         | Duke.           | Aug. 6, 1844   | Aug. 23, 1893  |
| Saxe-Meiningen.             | George II.                         | Duke.           | April 2, 1826  | Sept. 21, 1856 |
| Saxe-Weimar.                | Karl Alexander.                    | Grand Duke.     | June 24, 1818  | July 8, 1853   |
| Waldeck-Pyrmont.            | Federick.                          | Prince.         | Jan. 20, 1865  | May 12, 1893   |
| Great Britain and Ireland   | Victoria.                          | Queen.          | May 24, 1819   | June 20, 1837  |
| Greece                      | George.                            | King.           | Dec. 24, 1845  | Oct. 31, 1863  |
| Guatemala                   | Manuel Estrada Cabrera.            | President.      | Dec. 24, 1856  | Sept. 25, 1893 |
| Haiti.                      | General Therasia Simon Sam.        | President.      | May 15, 1835   | March 31, 1896 |
| Honduras                    | Terencio Sierra.                   | President.      | .....          | Feb., 1899     |
| India, Empire of.           | Victoria.                          | Empress.        | May 24, 1819   | Jan. 1, 1877   |
| Italy                       | Humbert.                           | King.           | March 14, 1844 | Jan. 9, 1878   |
| Japan                       | Mutsuhito.                         | Mikado.         | Nov. 3, 1852   | Feb. 13, 1867  |
| Khiva                       | Seid Mehomed Rahim.                | Khan.           | ..... 1845     | Aug. 1865      |
| Korea.                      | Li Hsi.                            | Emperor.        | July 25, 1851  | Jan., 1864     |
| Liberia                     | William David Coleman.             | President.      | .....          | Nov. 13, 1896  |
| Luxembourg.                 | Adolphus (Duke of Nassau)          | Grand Duke.     | July 24, 1817  | Nov. 23, 1890  |
| Mexico                      | General Porfirio Diaz.             | President.      | .....          | Dec. 1, 1896   |
| Monaco                      | Albert.                            | Prince.         | Nov. 13, 1848  | Sept. 10, 1889 |
| Montenegro                  | Nicholas.                          | Prince.         | Oct. 7, 1841   | Aug. 14, 1860  |
| Morocco                     | Muley Abdin Aziz.                  | Sultan.         | ..... 1878     | June 11, 1894  |
| Nepal                       | Surendra Bikram Shamsheer Jang.    | Maharaja.       | ..... 1874     | Aug. 1894      |
| Netherlands                 | Wilhelmina.                        | Queen.          | Aug. 31, 1880  | Sept. 6, 1898  |
| Nicaragua                   | General José S. Zelaya.            | President.      | .....          | Aug. 1898      |
| Oman                        | Seyyid Feysal bin Turkee.          | Sultan.         | .....          | June 4, 1888   |
| *Orange Free State.         | M. T. Steyn.                       | President.      | .....          | Feb. 19, 1896  |
| Paraguay                    | Emilio Aceval.                     | President.      | .....          | Nov. 25, 1898  |
| Persia.                     | Muzaffer ed Din.                   | Shah.           | .....          | May 1, 1896    |
| Peru                        | Eduardo Romana.                    | President.      | .....          | Aug. 14, 1899  |
| Portugal                    | Carlos.                            | King.           | Sept. 28, 1863 | Oct. 19, 1889  |
| Roumania                    | Charles.                           | King.           | April 20, 1839 | March 26, 1881 |
| Russia                      | Nicholas II.                       | Emperor.        | May 18, 1863   | Nov. 2, 1894   |
| Salvador                    | Tomas Regalado.                    | President.      | .....          | Nov. 19, 1898  |
| Sarawak                     | Sir Charles Johnson Brooke.        | Raja.           | June 3, 1829   | June 11, 1868  |
| Servia                      | Alexander.                         | King.           | Aug. 14, 1876  | March 6, 1889  |
| Siam                        | Khonlalangkorn.                    | King.           | Sept. 21, 1863 | Oct. 1, 1868   |
| Spain                       | Alphonso XIII. (a minor)           | King.           | May 17, 1896   | May 17, 1896   |
| Sweden and Norway           | Oscar II.                          | King.           | Jan. 21, 1829  | Sept. 18, 1872 |
| Switzerland                 | E. Müller.                         | President.      | .....          | Dec. 21, 1898  |
| *Transvaal (S. African Rep) | Stephannus J. Paul Kruger.         | President.      | Oct. 10, 1825  | Feb., 1898     |
| Tunis                       | Sidi Ali Pasha.                    | Bey.            | Oct. 5, 1817   | Oct. 28, 1882  |
| Turkey                      | Abdul Hamid II.                    | Sultan.         | Sept. 22, 1842 | Aug. 31, 1876  |
| United States of America.   | William McKinley.                  | President.      | Jan. 29, 1843  | March 4, 1897  |
| Uruguay                     | Juan Lindolpho Cuestas.            | President.      | .....          | March 1, 1899  |
| Venezuela.                  | Cipriano Castro.                   | President.      | .....          | Nov., 1899     |
| Zanzibar.                   | Hamoud bin Mohamed.                | Sultan (Seyyid) | 1855           | Aug. 27, 1896  |

\* Will probably lose their independence at the end of the war with Great Britain.

## Sovereigns of Europe.

ARRANGED ACCORDING TO THE DATES OF THEIR ACCESSION TO THE THRONE.

| SOVEREIGNS.  | Accession. | Age at Accession. |
|--|------------|-------------------|
| Victoria, Queen of Great Britain, etc.....                 | 1837       | 18                |
| Francis Joseph, Emperor of Austria.....                    | 1843       | 18                |
| Frederick, Grand Duke of Baden.....                        | 1852       | 25                |
| Peter, Grand Duke, Oldenburg.....                          | 1853       | 25                |
| Charles, Grand Duke, Saxe-Weimar.....                      | 1853       | 35                |
| Ernest, Duke of Saxe-Altenburg.....                        | 1853       | 26                |
| John II., Prince of Liechtenstein.....                     | 1855       | 18                |
| Henry XXII., Pr. of Reuss (Elder line).....                | 1859       | 13                |
| Nicholas, Prince of Montenegro.....                        | 1860       | 19                |
| Frederick William, Grand Duke of Mecklenburg-Strelitz..... | 1860       | 40                |
| Adolphus, Prince of Schaumburg-Lippe.....                  | 1860       | 43                |
| George I., King of the Greeks.....                         | 1863       | 17                |
| Christian IX., King of Denmark.....                        | 1863       | 45                |
| Leopold II., King of the Belgians.....                     | 1865       | 20                |
| Charles, King of Roumania.....                             | 1866       | 26                |
| George II., Duke of Saxe-Meiningen.....                    | 1866       | 40                |
| Henry XIV., Prince of Reuss (Younger line).....            | 1867       | 35                |
| Frederick, Duke of Anhalt.....                             | 1871       | 40                |
| Oscar II., King of Sweden and Norway.....                  | 1872       | 43                |
| Albert, King of Saxony.....                                | 1873       | 45                |
| Abdul Hamid, Sultan of Turkey.....                         | 1876       | 33                |
| Humbert I., King of Italy.....                             | 1878       | 34                |
| Leo XIII., Pope.....                                       | 1878       | 63                |
| Charles, Prince of Schwarzburg-Sondershausen.....          | 1880       | 49                |
| Alphonso XIII., King of Spain.....                         | 1886       | 36                |
| Otto I., King of Bavaria.....                              | 1886       | 28                |
| William II., German Emperor.....                           | 1888       | 29                |
| Alexander I., King of Servia.....                          | 1889       | 13                |
| Albert, Prince of Monaco.....                              | 1889       | 41                |
| Charles I., King of Portugal.....                          | 1889       | 36                |
| Gunther, Pr. of Schwarzburg-Rudolstadt.....                | 1890       | 38                |
| Adolphus, Grand Duke of Luxembourg.....                    | 1890       | 73                |
| Wilhelmina, Queen of Netherlands.....                      | 1890       | 10                |
| William, King of Württemberg.....                          | 1891       | 43                |
| Ernest Louis, Grand Duke of Hesse.....                     | 1892       | 23                |
| Frederick, Prince of Waldeck.....                          | 1892       | 28                |
| Alfred, Duke of Saxe-Coburg-Gotha.....                     | 1892       | 48                |
| Nicholas II., Emperor of Russia.....                       | 1894       | 26                |
| Adolphus, Prince of Lippe-Deimold.....                     | 1895       | 36                |
| Frederick IV., Grand Duke of Mecklenburg-Schwerin.....     | 1897       | 15                |

ARRANGED ACCORDING TO THEIR RESPECTIVE AGES.

| SOVEREIGNS.  | Yr. of Birth. | Age Jan. 1, 1900. |
|--|---------------|-------------------|
| Leo XIII., Pope.....                                       | 1810          | 90 2 29           |
| Adolphus, Grand Duke of Luxembourg.....                    | 1817          | 82 9 7            |
| Adolphus, Pr. of Schaumburg-Lippe.....                     | 1817          | 82 9 7            |
| Christian IX., King of Denmark.....                        | 1818          | 81 8 22           |
| Charles, Grand Duke of Saxe-Weimar.....                    | 1818          | 81 6 6            |
| Victoria, Queen of Great Britain.....                      | 1819          | 80 7 7            |
| Frederick William, Grand Duke of Mecklenburg-Strelitz..... | 1819          | 80 2 13           |
| George II., Duke of Saxe-Meiningen.....                    | 1826          | 73 8 28           |
| Frederick, Grand Duke of Baden.....                        | 1826          | 73 21             |
| Ernest, Duke of Saxe-Altenburg.....                        | 1828          | 73 14             |
| Peter, Grand Duke of Oldenburg.....                        | 1827          | 73 23             |
| Albert, King of Saxony.....                                | 1828          | 71 7              |
| Oscar II., King of Sweden and Norway.....                  | 1829          | 70 11 10          |
| Charles, Prince of Schwarzburg-Sondershausen.....          | 1820          | 69 4 24           |
| Francis Joseph, Emperor of Austria.....                    | 1830          | 69 4 13           |
| Frederick, Duke of Anhalt.....                             | 1831          | 68 8 2            |
| Henry XIV., Pr. of Reuss (Younger line).....               | 1832          | 67 3              |
| Leopold II., King of the Belgians.....                     | 1835          | 64 8 21           |
| Charles, King of Roumania.....                             | 1839          | 60 8 19           |
| John II., Prince of Liechtenstein.....                     | 1840          | 59 2 26           |
| Nicholas, Prince of Montenegro.....                        | 1841          | 58 2 22           |
| Abdul Hamid, Sultan.....                                   | 1842          | 57 3 8            |
| Humbert I., King of Italy.....                             | 1844          | 55 9 17           |
| Alfred, Duke of Saxe-Coburg-Gotha.....                     | 1844          | 55 4 26           |
| George I., King of the Greeks.....                         | 1844          | 54 0 7            |
| Henry XXII., Pr. of Reuss (Eld. line).....                 | 1846          | 53 9 3            |
| William, King of Württemberg.....                          | 1848          | 51 10 3           |
| Otto, King of Bavaria.....                                 | 1848          | 51 8 4            |
| Albert, Prince of Monaco.....                              | 1848          | 51 1 13           |
| Gunther, Pr. of Schwarzburg-Rudolstadt.....                | 1852          | 47 4 9            |
| William II., German Emperor.....                           | 1859          | 40 11 4           |
| Adolphus, Prince of Lippe-Deimold.....                     | 1859          | 40 5 11           |
| Charles I., King of Portugal.....                          | 1863          | 36 3 4            |
| Frederick, Prince of Waldeck.....                          | 1865          | 34 11 11          |
| Nicholas II., Emperor of Russia.....                       | 1868          | 31 7 14           |
| Ernest Louis, Grand Duke of Hesse.....                     | 1868          | 31 1 6            |
| Alexander I., King of Servia.....                          | 1876          | 23 4 18           |
| Wilhelmina, Queen of Netherlands.....                      | 1880          | 19 4 1            |
| Frederick IV., Grand Duke of Mecklenburg-Schwerin.....     | 1892          | 17 0 1            |
| Alphonso XIII., King of Spain.....                         | 1886          | 13 7 14           |

## COS. OF THE BRITISH ROYAL FAMILY.

The annuities paid by the British people to the royal family for its support are as follows: The Queen, \$1,925,000; Prince of Wales, \$400,000; Princess of Wales, \$50,000; Dowager Empress Frederick of Germany, \$40,000; Duke of Edinburgh, \$50,000; Princess Christian, \$30,000; Princess Louise, \$32,000; Duke of Connaught, \$125,000; Princess Beatrice, \$30,000; Duke of Cambridge (the Queen's cousin), \$80,000; Duchess of Albany, \$30,000; Duchess of Mecklenburg-Strelitz (the Queen's cousin), \$15,000; children of the Prince of Wales, \$180,000. Total, \$2,765,000. The Queen also receives the revenues of the Duchy of Lancaster. During recent years these have amounted to about \$250,000 per annum. When the royal children marry dowries are usually provided for them. The last of the Queen's children to marry, Princess Beatrice, received \$150,000 as dowry from the British people by Parliamentary grant. The Duchess of Teck, the Queen's cousin, who died in 1897, enjoyed an annuity of \$25,000.

## THE RULERS OF FRANCE FROM THE REVOLUTION OF 1792.

(Whitaker's Almanack.)

## The First Republic.

The National Convention first sat..... Sept. 21, 1792  
The Directory nominated..... Nov. 1, 1795

## The Consulate.

Bonaparte, Cambacérès, and Lebrun..... Dec. 24, 1799  
Bonaparte, Consul for 10 years..... May 6, 1802  
Bonaparte, Consul for life..... Aug. 2, 1802

## The Empire.

Napoleon I. decreed Emperor..... May 18, 1804  
Napoleon II. (never reigned)..... died July 22, 1832

## The Restoration.

Louis XVIII. re-entered Paris..... May 3, 1814  
Charles X. (dep. July 30, 1830, d. Nov. 6, 1836)..... 1824

## The House of Orleans.

Louis Philippe, King of the French..... 1830  
(Abdicated Feb. 24, 1848, died Aug. 26, 1850.)

## The Second Republic.

Provisional Government formed..... Feb. 23, 1848  
Louis Napoleon elected President..... Dec. 19, 1848

## The Second Empire.

Napoleon III. elected Emperor..... Nov. 22, 1852  
(Deposed Sept. 4, 1870, died Jan. 9, 1873.)

## The Third Republic.

Committee of Public Defence..... Sept. 4, 1870  
L. A. Thiers elected President..... Aug. 31, 1871  
Marshal MacMahon elected President..... May 24, 1873  
Jules Grévy elected President..... Jan. 30, 1879  
Marie F. S. Carnot elected President..... Dec. 3, 1887  
(Assassinated at Lyons, June 24, 1894.)  
Jean Casimir Perier elected President..... June 27, 1894  
Felix François Faure elected President..... Jan. 17, 1895  
Emile Loubet, elected President..... Feb. 18, 1899



## Reigning Families

## OF THE PRINCIPAL EUROPEAN COUNTRIES.

## AUSTRIA-HUNGARY.

**Francis Joseph I.**, the Emperor of Austria and King of Hungary, was born August 18, 1830, and was proclaimed Emperor of Austria after the abdication of his uncle, Ferdinand I., on December 2, 1848. He was crowned King of Hungary June 8, 1867. He married, in 1854, Elizabeth, a daughter of Duke Maximilian of Bavaria. She died by the hand of an Anarchist in Geneva, September 10, 1898. They had issue:

1. Archduchess Gisela, born 1856; married to Leopold, son of the Regent Luitpold of Bavaria. Issue, two daughters and two sons.
2. Archduke Rudolph, late heir apparent, born 1853; died by suicide 1889. He married, 1881, Stephanie, daughter of the present King of the Belgians, and had issue one daughter, the Archduchess Elizabeth, born 1883.
3. Archduchess Marie Valerie, born 1868; married, 1890, Archduke Francis-Salvator of Tuscany.

On the death of the Crown Prince, in 1889, the right of succession to the throne passed to the Emperor's eldest brother, the Archduke Charles Louis, who was born 1833, and died 1890; he married, 1862 (second marriage), the Princess Annunziata, daughter of King Ferdinand II. of Naples, and had issue the Archduke Ferdinand, born 1863, who is the heir presumptive to the throne and is unmarried; the Archduke Otto, born 1865, and married to the Princess Marie Josefa of Saxony, and has two sons (Archdukes Charles, born 1887, and Maximilian, born 1895), the Archduke Ferdinand, born 1868, and unmarried, and the Archduchess Margaret Sophia, born 1870, who married, in 1893, Albert, Duke of Württemberg. By a third marriage, the Archduke Charles Louis had two daughters.

The Emperor has a second brother, the Archduke Louis Victor, born 1842, and who is unmarried. There are eighty-six other archdukes and archduchesses of Austria, cousins of the Emperor, collateral relatives of the reigning house and members of the formerly reigning branches of Tuscany and Modena. The family is descended from Count Rudolph of Hapsburg, who was elected Emperor of Germany in 1273.

## BAVARIA.

**Otto**, King of Bavaria, was born April 27, 1848, and succeeded his brother, Ludwig II., June 13, 1886, when that mad monarch committed suicide by drowning himself in the Starnberg Lake. Otto is also crazy, and is shut up in one of his châteaux, and the kingdom is governed by Prince Luitpold, his uncle, as regent. The latter is also the heir apparent to the throne; was born in 1821; married, 1844, the Austrian Archduchess Augusta of Tuscany, who is dead, and has four children:

1. Prince Louis, born 1845; married the Austrian Archduchess Maria Theresa, and has seven daughters and four sons, the eldest of the latter being Prince Rupert, born 1869.
2. Prince Leopold, born 1846; married to the Austrian Archduchess Gisela, daughter of the Emperor Francis Joseph I. There are two daughters and two sons.
3. Princess Theresa, born 1850.
4. Prince Arnulf, married, and has a son.

King Otto has five cousins who bear princely titles, children of his dead uncle, Adalbert. The royal house of Bavaria comes from the Counts of Wittelsbach of the twelfth century, one of whose descendants was elevated to the rank of Elector, and a later one made King by Napoleon I.

## BELGIUM.

**Leopold II.**, King of the Belgians, was born April 9, 1835, and was a son of Leopold I., Prince of Saxe-Coburg-Gotha (uncle of Queen Victoria), who was elected King of the Belgians in 1831, and Princess Louise, daughter of King Louis Philippe of France. The present King, who ascended the throne in 1865, was married, in 1853, to the Austrian Archduchess Marie Henriette, and has the following children:

1. Princess Louise, born 1858; married to Prince Philippe of Saxe-Coburg-Gotha.
2. Princess Stephanie, born 1864; married, 1881, to the late Crown Prince Rudolph of Austria, and has one daughter.
3. Princess Clementine, born 1872.

The King's brother is Prince Philippe, Count of Flanders, born in 1837; married to the Hohenzollern Princess Marie. He has renounced his right to the throne in favor of his son, Prince Albert, who is, therefore, the present heir apparent. He had two sons, the eldest being Baldwin, who died in 1891, and the other, Albert, born in 1875. Prince Philippe has also two daughters, Henriette, born 1870, and Josephine, born 1872; married, 1894, to Prince Charles of Hohenzollern-Sigmaringen.

The sister of the King is the hapless ex-Empress Carlotta of Mexico, widow of Maximilian. She was born in 1840, widowed in 1867, has no children, and is now insane.

## DENMARK.

**Christian IX.**, King of Denmark, born April 8, 1818, was Duke of Schleswig-Holstein-Sonderburg-Glücksburg, and succeeded to the throne of Denmark by virtue of treaty and the law of the Danish succession on the death of his kinsman, Frederick VII., in 1863. He married the Princess Louise of Hesse-Cassel, who died September 29, 1898, and has had the following offspring:

1. Prince Royal Frederick, born 1842; married to the Princess Louise of Sweden in 1869 and has three daughters and five sons, the eldest of the latter being Prince Christian, born in 1870, and married, 1898, Princess Alexandra, of Mecklenburg, and has a son, born 1899; and the second, Prince Charles, born 1872; married, 1896, Princess Maud, third daughter of the Prince of Wales.
2. The Princess of Wales (Alexandra), born 1844; married the Prince of Wales, 1863, and has four living children.
3. The King of the Greeks (George I.), born 1845; married to the Grand Duchess Olga of Russia, and has one daughter and five sons, the eldest of the latter being Prince Constantine.
4. The Dowager Empress of Russia (Dagmar), born 1847; married the late Czar Alexander III. in 1866, and has five children.
5. The Duchess of Cumberland (Thyra), born 1853; married the present Duke of Cumberland (English title), son of the ex-King of Hanover, in 1878, and has three sons and three daughters. She became insane in 1887.
6. Prince Waldemar, born 1858; married, 1885, the Princess Marie of Orleans, daughter of the Duke of Chartres, and has four sons and a daughter. He was elected reigning Prince of Bulgaria in 1886, but declined.

## REIGNING FAMILIES—Continued.

## GERMANY.

**William II.** German Emperor and King of Prussia, was born January 27, 1859; succeeded his father, the Emperor Frederick III., June 15, 1888. He married the Princess Victoria of Schleswig-Holstein-Sonderburg-Augustenburg (born 1858), and has had issue:

1. Frederick William, Crown Prince, born 1882; 2. William Eitel-Frederick, born 1883; 3. Adalbert, born 1884; 4. Augustus, born 1887; 5. Oscar, born 1888; 6. Joseph, born 1890; 7. Victoria Louise, born 1892.

The Emperor's brother is Prince Henry, born 1862, and married, 1888, to his cousin, Princess Irene of Hesse, daughter of the late Princess Alice of England, and has two sons; and the Emperor has four sisters, all the children of the late Emperor Frederick and the Princess Victoria of England (Dowager Empress), who survives. The sisters are:

1. Princess Charlotte, born 1860; married, 1878, to George, hereditary Prince of Saxe-Meiningen, and has one daughter.

2. Princess Victoria, born 1866; married, 1890, to Prince Adolphus of Schaumburg-Lippe (Regent of Lippe-Detmold).

3. Princess Sophia, born 1870; married, 1889, to Constantine, Crown Prince of Greece, and has two sons and a daughter.

4. Princess Margaret, born 1872; married, 1893, to Prince Frederick Charles of Hesse, and has three sons.

The Emperor has an aunt, the Princess Louise, born 1838, married to the present Grand Duke of Baden; and he has a number of cousins, descendants of the brothers and sisters of the Emperor William I. One of these, Prince Albert, born 1837, is a field marshal in the German Army, and another, Princess Margaret, daughter of the late Prince Frederick Charles, is the wife of the British Duke of Connaught, son of Queen Victoria. The reigning family is descended from Frederick of Hohenzollern, a German count, in 980, and Frederick William, the Elector of Brandenburg, 1640-88, whose son became King of Prussia.

## GREECE.

**George I.**, King of the Hellenes, born December 24, 1845, elected King in 1863. He is the son of the present King of Denmark, Christian IX., and brother of the Princess of Wales and the dowager Empress of Russia. He married, 1867, the Grand Duchess Olga, eldest daughter of the Grand Duke Constantine of Russia, grand uncle to the present Emperor. They have had six living children, five sons and one daughter. The eldest son is:

Prince Constantine, born 1868; married, 1889, the Princess Sophia, sister of the present German Emperor, and has two sons, Prince George, born 1890, and Prince Alexander, born 1893, and a daughter, Princess Helen, born 1896.

The King's eldest daughter, Alexandra, married, in 1889, the Grand Duke Paul, uncle of the present Emperor of Russia, and died September 24, 1891, leaving a daughter and a son.

## ITALY.

**Humbert I.**, King of Italy, was born March 14, 1844, and was the eldest son of Victor Emmanuel, the first King of United Italy. He succeeded his father in 1878. He married, in 1868, his cousin Margherita, daughter of Ferdinand, Duke of Genoa, and they have had issue one child only:

1. Victor Emmanuel, Prince of Naples, heir apparent, born 1869; married, 1896, Princess Helene, daughter of Nicholas, Prince of Montenegro.

The following are the sisters of the King:

1. Princess Clotilde, born 1843; married, 1859, to Prince Napoleon Jerome Bonaparte, the late head of the Bonaparte family, and has issue two sons and a daughter, Letitia. (See "Bonapartists.")

2. Princess Pia, born 1847, and married, 1862, to the late King Louis of Portugal, and has two sons.

The late Prince Amadeus, brother of the King, Duke of Aosta and ex-King of Spain, born 1845; married first in 1867, and had issue three sons—Emmanuel, now Duke of Aosta, born 1869; married, 1895, Princess Helene of Orleans, daughter of the late Count of Paris, and they have had issue one child, born 1898, Amadeus; Victor, Count of Turin, born 1870, and Louis, Duke of Abruzzi, born 1873. Prince Amadeus married, second, 1888, his niece, Princess Letitia, daughter of Prince Napoleon Bonaparte and the Princess Clotilde. By this second marriage he had a son, Humbert, Count of Salemi, born in 1889.

The King's aunt by marriage, the Princess Elizabeth, widow of the Duke of Genoa, has a son (Prince Thomas, Duke of Genoa, married, 1883, Princess Isabella, daughter of Prince Adelbert of Bavaria, and has one son) and a daughter, the latter being King Humbert's wife. The family is descended from the Counts of Savoy, who flourished in the eleventh century.

## NETHERLANDS.

**Wilhelmina**, Queen of the Netherlands and Princess of Orange-Nassau, born August 31, 1880, daughter of the late King William III. and Emma, daughter of Prince George Victor of Waldeck.

The Queen's mother is the late Regent Queen Emma, whose regency lasted from the death of the late King, her husband, November 23, 1890, until the end of the minority of her daughter, August 31, 1898. The Queen's aunt is the Princess Sophia, married to the Grand Duke of Saxe-Weimar. She has a son, Prince Charles, born 1844, and two daughters. This family, known as the House of Orange, is descended from the Princes of Orange, stadtholders during the Dutch Republic.

## PORTUGAL.

**Charles I.**, King of Portugal, born September 28, 1863, son of the late King Louis and his spouse, the Princess Pia, daughter of King Victor Emmanuel of Italy. He succeeded to the throne October 19, 1889. He married, 1886, the Princess Amelie of Orleans, daughter of the Count of Paris, and has two sons, Prince Louis Philippe, Duke of Braganza, born 1887, and Prince Manuel, Duke of Beja, born 1889.

The King has a brother, Prince Alphonse, Duke of Oporto, born 1865, and unmarried; and an aunt married to the Prince of Hohenzollern-Sigmaringen, and has three sons.

The reigning family belongs to the House of Braganza, whose founder was an illegitimate son of King John I. (A. D. 1400) of the old line of Portuguese kings.

## REIGNING FAMILIES—Continued.

## ROUMANIA.

**Charles I.**, King of Roumania, born April 30, 1839, is a son of the late Prince Charles of Hohenzollern-Sigmaringen, and was elected "Lord of Roumania" by the nobles thereof in 1866. He was proclaimed King in 1881. He married, 1869, Elizabeth, a daughter of the princely German House of Wied. He has no children.

The succession to the throne, in the event of his being childless, has been settled by the constitution of the kingdom upon his elder brother, Prince Leopold of Hohenzollern-Sigmaringen; but he has renounced his right to the throne in favor of his son, Prince Ferdinand, born 1865, who is, therefore, the heir presumptive. He married the Princess Marie, eldest daughter of the Duke of Saxe-Coburg-Gotha (the British Duke of Edinburgh), January 10, 1893, and has a son, Prince Carol, and a daughter.

## RUSSIA.

**Nicholas II.**, Emperor of Russia, was born May 18, 1868, and succeeded his father, the late Emperor Alexander III., November 1, 1894. He is married to the Princess Alice (Alix) of Hesse-Darmstadt, daughter of the Princess Alice of Great Britain, and has three daughters, Olga, born in 1895; Tatiana, born in 1897, and Marie, born in 1899.

The late Emperor Alexander III., born in 1845; married, in 1866, the Princess Dagmar, daughter of the present King of Denmark, had issue three sons: 1. Nicholas, the present Emperor; 2. Grand Duke George (the late Czarevitch), born 1871, died 1899; 3. Grand Duke Michael, born December 4, 1878, and heir apparent since the death of his elder brother, and two daughters: 1. Grand Duchess Xenia, born April 6, 1875; married, August 6, 1894, her cousin, the Grand Duke Alexander, and has a son and daughter, and 2. Grand Duchess Olga, born June 13, 1882. The uncles and aunts of the Emperor are:

1. Grand Duke Vladimir, born 1847; married, 1874, the Princess Marie of Mecklenburg-Schwerin, and has three sons and one daughter.

2. Grand Duke Alexis, High Admiral, born 1850. He is unmarried.

3. Grand Duchess Marie, born 1853; married to the Duke of Edinburgh, and has one son and four daughters.

4. Grand Duke Sergius, born 1857; married, 1884, Princess Elizabeth of Hesse-Darmstadt, daughter of Princess Alice of England, and has no issue.

5. Grand Duke Paul, born 1860; married, 1889, Princess Alexandra, daughter of the King of the Greeks. She died September 24, 1891, leaving a son, the Grand Duke Demetrius, and a daughter.

The Emperor has one grand uncle (son of the Emperor Nicholas I.), Grand Duke Michael, born 1832, field marshal in the Russian Army; married, 1857, Princess Cecelia of Baden, and has issue six living children, the eldest daughter, Anastasia, born 1860, being the wife of the late Grand Duke of Mecklenburg-Schwerin. His second son, Michael, having married outside of royalty, has been excluded from the army and his estates.

A grand uncle, the Grand Duke Constantine, born 1827; died January 12, 1892; married, 1848, Princess Alexandra of Saxe-Altenburg, and had issue five children, the Grand Duke Nicholas, born 1850, being the eldest, and the Grand Duchess Olga, born 1851, the eldest daughter, being married to the King of the Greeks.

A third grand uncle, the Grand Duke Nicholas, born 1831, field marshal in the Russian Army, died in 1891; married, in 1856, the Princess Alexandra of Oldenburg, and had issue two sons, the youngest of whom, the Grand Duke Peter, married, in 1889, Militza, daughter of the present Prince of Montenegro and sister of Crown Princess Helene of Naples (Italy).

The Russian reigning family is descended from Michael Romanoff, elected Czar in 1613. The members of the family for over two centuries, however, have married so generally into the German royal houses that the present Romanoffs are practically, by blood, Germans; as much so as their kinsman, the head of the German Empire.

## SAXONY.

**Albert**, King of Saxony, born April 23, 1828, succeeded to the throne on the death of his father, 1873; married, 1853, Caroline, daughter of Prince Gustavus of Holstein-Gottorp-Vasa. They have no children.

The heir to the throne is the King's brother, George, born 1832; married, 1859, the Infanta Maria, daughter of the late King Ferdinand of Portugal. He has one daughter and five sons, the eldest of the latter being Prince Frederick, born 1865, and married, 1891, the Archduchess Louise of Austria-Tuscany, and has two sons.

The King has one sister, Princess Elizabeth, born 1830, who married Prince Ferdinand of Sardinia, and is a widow.

The royal house of Saxony is one of the oldest in Europe, having given an emperor to Germany as early as the beginning of the tenth century. The Elector of Saxony was made King in 1815.

## SPAIN.

**Alphonso XIII.**, King of Spain, born May 17, 1886, nearly six months after the death of his father, Alphonso XII. His mother, Maria Christina, an Austrian princess, is the Queen Regent during his minority. He has two sisters, the Infanta Maria-de-las-Mercedes, born 1880, and the Infanta Maria Theresa, born 1882.

The King's aunts are the Infantas Isabella, widow of the Count de Girgenti; Maria, wife of Prince Louis of Bavaria, and Eulalie, wife of Prince Antonio of Orleans, who visited the United States and the World's Fair in 1893.

The King's grandmother is ex Queen Isabella, born in 1830, crowned 1833, abdicated 1870. Her husband, the Infant Francis d' Assisi, born 1822, is living.

The King's grand aunt, the Infanta Louisa, widow of the Duke of Montpensier (son of King Louis Philippe of France), now dead, was the mother of a son and daughter, the latter being the wife of the late Count of Paris, head of the House of Orleans.

A second cousin of the King is Don Carlos, born in 1848, and a pretender to the Spanish throne, who is married, and has four daughters and a son, Prince Jaime, born in 1870.

The Spanish reigning family are Bourbons, descendants of King Louis XIV. of France.

## REIGNING FAMILIES—Continued.

## SERVIA.

**Alexander I.**, King of Servia, born August 14, 1876, son of King Milan I., who abdicated in 1889, and Natalie, daughter of Colonel Keschko, of the Russian Imperial Guard. Alexander was proclaimed King in 1889, on the abdication of his father. He is the only child of his parents. The ex-King obtained a divorce from Queen Natalie in 1888, but they were afterward reunited.

The present reigning house was founded by Milos Todorovic Obrenovic, leader of the insurrection against the yoke of Turkey in 1815-29. The Turkish Government recognized the quasi independence of Servia in 1829, and confirmed the title of Obrenovic as reigning prince. The present King is the fifth of his dynasty, being descended from a brother of the founder.

## SWEDEN AND NORWAY.

**Oscar II.**, King of Sweden and Norway, born January 21, 1829; son of Oscar I., and grandson of Marshal Bernadotte. He married, 1857, the Princess Sophia of Nassau, and has had four sons, the eldest of whom is the Crown Prince Gustavus, born 1858; married, 1881, to the Princess Victoria of Baden, and has three sons, born in 1882, 1884, and 1889 respectively. The King's other sons are: Prince Oscar, born 1859, married to Lady Ebba Munck, one of his mother's maids of honor, and relinquished his rights to the throne; Prince Carl, born 1861, and married, 1897, Princess Ingeborg, second daughter of the Crown Prince of Denmark, and Prince Eugene, born 1865. The King has a niece, Louise, married to the Crown Prince of Denmark. The royal family comes from Napoleon's Marshal Bernadotte, a Frenchman, who was elected heir apparent to the crown of Sweden in 1810, and of Norway in 1814, and became King in 1818.

## WÜRTEMBERG.

**William II.**, King of Württemberg, born February 25, 1848, succeeded his uncle, King Charles I., October 6, 1891. He married, 1877, Princess Marie of Waldeck, who died, leaving a daughter, Pauline, born 1877. The King married, second, Princess Charlotte of Schaumburg-Lippe, by whom he has no children.

The King's mother, Princess Catherine, is living, and he has an aunt, Princess Augusta, married to Prince Herman of Saxe-Weimar, with issue of four sons and two daughters. He has a number of cousins, one of them being the Duke of Teck, who was married to the English Princess Mary of Cambridge, who died in 1897.

*The French Pretenders.*

## BONAPARTIST.

Of the Emperor Napoleon I. and his brothers Joseph and Louis, male issue is now extinct. The Emperor's brothers Lucien and Jerome are represented by the following living descendants, and they constitute the present Imperialist house of France:

Prince Victor Napoleon (of the house of Jerome), born July 18, 1862, is the son of the late Prince Napoleon (who died March 18, 1891) and the Princess Clotilde, sister of King Humbert of Italy. The Prince has been recognized by his party as the undisputed head of the Bonaparte family. He lives in Brussels and is unmarried. His only brother, Prince Louis Napoleon, born 1864, is an officer in the Russian Army. His sister, Princess Letitia, born 1866, is the widow of Prince Amadeus of Italy, her own uncle, by whom she had a son, Prince Humbert, born 1889.

The living aunt of Prince Victor Napoleon is the Princess Mathilde, born 1820, married, 1840, Prince Demidoff of Russia; now a widow without children.

Prince Charles Napoleon, brother of the late Cardinal Bonaparte, who died February 12, 1899, was the last representative of the eldest son of Napoleon's brother, Lucien, in the male line. He was born 1836; was married and had two daughters—Marie, wife of Lieutenant Glotti, of the Italian Army, and Eugénie, unmarried. He had three sisters, married respectively to the Marquis of Roccaglioine, Count Primoli, and Prince Gabrelli.

Prince Roland Bonaparte is the only living male cousin of Prince Charles Napoleon. He is a son of the late Prince Pierre Napoleon Bonaparte; was born 1858; married, 1880, the daughter of Blanc, the proprietor of the Monte Carlo gambling-bell. His wife died in 1882, leaving him a daughter and a fortune. He has one sister, Jeanne, born 1861, and married to the Marquis de Villeneuve.

Ex-Empress Eugénie, widow of Emperor Napoleon III., was a daughter of Count Cyprien de Montijo, a Spanish grandee, and was born May 5, 1826. She married 1853. Became a widow 1873. Her only son, Prince Louis Napoleon, was killed in Zululand in 1879.

## BOURBON-ORLEANIST.

Robert, Duke of Orleans, born 1869, succeeded his father, the late Count of Paris, in 1894 as the head of the royal family of France. He married, in 1896, the Archduchess Marie-Dorothea, daughter of the Archduke Joseph, cousin of the Emperor of Austria. His mother (still living) was the Spanish Infanta Louise of Montpensier, and he has one brother and four sisters, the eldest of the latter being the Princess Amélie, who is married to the King of Portugal, and the second Helena, who is married to the Duke of Aosta, nephew of the King of Italy.

The only uncle of the Duke of Orleans is the Duke of Chartres, born 1840, and married to a daughter of the Prince of Joinville. The issue are two daughters and two sons, the eldest son being Prince Henry, born 1867, the eldest daughter, Princess Marie, being married to Prince Waldemar of Denmark, and the second daughter, Princess Marguerite, being married (in 1896) to Patrice MacMahon, Duke of Magenta.

The only living grand uncle (son of King Louis Philippe) of the Duke of Orleans is Francis, Prince of Joinville, born 1818, married to a daughter of Pedro I. of Brazil, and has one daughter and one son, the Duke of Penthièvre, born 1845.

The other grand uncles of the Duke of Orleans were: Henry, Duke of Anjou, born 1822, died (childless) 1897; Anthony, Duke of Montpensier, born 1824, died 1890 (married, 1832, a sister of Queen Isabella of Spain, and had a daughter, the wife of the Count of Paris, and a son, Prince Anthony, born 1860, who married, 1888, his cousin, the Infanta Pauline of Spain), and Louis, Duke of Nemours, born 1814, died 1896. He was the father of two daughters and two sons, the eldest son being the Count of Eu, born 1842, married to a daughter of Pedro II. of Brazil, and having three children, and the second son being the Duke of Alençon, born 1844, and married to a Bavarian princess (who was burned in the Paris bazaar fire in 1897), and having two children.

By the death of the Count of Chambord, in 1883, the elder line of the Bourbons of France became extinct, and the right of succession merged in the Count of Paris, grandson of King Louis Philippe, representative of the younger, or Orleans line.

The British Empire.  
THE UNITED KINGDOM.

| COUNTRIES.     | Area in Square Miles. | How Acquired by England. | Date. | Population. |
|----------------|-----------------------|--------------------------|-------|-------------|
| England .....  | 50,840                |                          | ....  | 27,499,984  |
| Wales .....    | 7,470                 | Conquest .....           | 1282  | 1,501,084   |
| Scotland ..... | 29,785                | Union .....              | 1603  | 4,033,103   |
| Ireland .....  | 32,583                | Conquest .....           | 1172  | 4,706,448   |
| Islands .....  | 295                   |                          | ....  | 147,870     |
| Total .....    | 120,973               |                          |       | 37,888,439  |

COLONIES AND DEPENDENCIES.

|                                  |           |                                     |             |             |
|----------------------------------|-----------|-------------------------------------|-------------|-------------|
| <b>EUROPE:</b>                   |           |                                     |             |             |
| Gibraltar .....                  | 2         | Conquest .....                      | 1704        | 26,203      |
| Malta, etc. ....                 | 122       | Treaty cession.....                 | 1814        | 177,745     |
| <b>ASIA:</b>                     |           |                                     |             |             |
| India (including Burmah).....    | 1,800,258 | { Conquest.....                     | Regun 1757) | 287,223,431 |
|                                  |           | { Transfer from East India Co. .... |             |             |
| Ceylon .....                     | 25,365    | Treaty cession .....                | 1801        | 3,008,239   |
| Cyprus .....                     | 3,554     | Convention with Turkey....          | 1818        | 137,000     |
| Aden and Socotra .....           | 3,070     | (Aden) conquest.....                | 1839        | 44,000      |
| Straits Settlements.....         | 1,500     | Treaty cession .....                | 1785-1824   | 506,577     |
| Hong Kong .....                  | 306       | Treaty cession.....                 | 1841        | 221,441     |
| Labuan.....                      | 31        | Treaty cession.....                 | 1846        | 5,853       |
| British North Borneo .....       | 31,000    | Cession to Company .....            | 1877        | 150,000     |
| <b>AFRICA:</b>                   |           |                                     |             |             |
| Cape Colony .....                | 276,800   | Treaty cession .....                | 1588, 1814  | 1,768,100   |
| Natal and Zululand.....          | 34,700    | Annexation .....                    | 1843        | 828,500     |
| St. Helena .....                 | 47        | Conquest.....                       | 1678        | 4,116       |
| Ascension .....                  | 38        | Annexation.....                     | 1815        | 200         |
| Sierra Leone.....                | 15,000    | Settlement .....                    | 1787        | 300,000     |
| British Guinea, Gold Coast, etc. | 339,900   | Treaty cession.....                 | 1872        | 23,455,000  |
| Mauritius, etc. ....             | 1,033     | Conquest and cession.....           | 1810, 1814  | 392,500     |
| British South and East Africa .. | 1,899,247 | Conquest and cession.....           | 1870-1890   | 14,911,000  |
| <b>AMERICA:</b>                  |           |                                     |             |             |
| Canada Proper.....               | 370,488   | Conquest.....                       | 1759-60)    | 4,823,875   |
| New Brunswick .....              | 28,200    | Treaty cession.....                 |             |             |
| Nova Scotia .....                | 20,407    | Conquest.....                       | 1627        |             |
| Manitoba.....                    | 73,856    | Settlement .....                    | 1813        |             |
| British Columbia, etc. ....      | 383,300   | Transfer to Crown .....             | 1858        |             |
| Northwest Territories.....       | 3,257,500 | Charter to Company.....             | 1670        |             |
| Prince Edward Island .....       | 2,133     | Conquest.....                       | 1745        |             |
| Newfoundland .....               | 42,200    | Treaty cession.....                 | 1713        | 198,000     |
| British Guiana .....             | 76,000    | Conquest and cession.....           | 1803-1814   | 282,000     |
| British Honduras .....           | 7,562     | Conquest.....                       | 1798        | 23,000      |
| Jamaica .....                    | 4,103     | Conquest.....                       | 1655        | 581,000     |
| Trinidad and Tobago .....        | 1,754     | Conquest.....                       | 1797        | 205,000     |
| Barbadoes.....                   | 166       | Settlement.....                     | 1605        | 172,000     |
| Bahamas.....                     | 5,794     | Settlement.....                     | 1629        | 48,000      |
| Bermuda .....                    | 41        | Settlement .....                    | 1612        | 16,000      |
| Other Islands.....               | 8,742     |                                     | ....        | 255,000     |
| <b>AUSTRALASIA:</b>              |           |                                     |             |             |
| New South Wales .....            | 319,700   | Settlement.....                     | 1788        | 1,335,800   |
| Victoria .....                   | 87,834    | Settlement .....                    | 1832        | 2,180,434   |
| South Australia.....             | 903,690   | Settlement .....                    | 1836        | 358,224     |
| Queensland .....                 | 668,497   | Settlement.....                     | 1824        | 493,704     |
| Western Australia .....          | 975,876   | Settlement .....                    | 1828        | 161,924     |
| Tasmania .....                   | 26,215    | Settlement .....                    | 1803        | 171,719     |
| New Zealand .....                | 104,062   | Purchase.....                       | 1845        | 743,214     |
| Fiji .....                       | 7,423     | Cession from the natives .....      | 1874        | 121,798     |
| New Guinea (British).....        | 88,460    | Annexation.....                     | 1884        | 350,000     |

Estimates of area and present population are by Whitaker, and in some cases of the "Statesman's Year-Book," except for British Africa and the late accessions there, which are corrected by Ravenstein's figures. The entire population of the empire, according to the estimates of the "Statesman's Year-Book," is 385,280,140, and the total area, 11,712,170. The East Indian possessions extend over a territory larger than the continent of Europe without Russia; but the North American possessions are greater still, and, inclusive of Hudson's Bay and the great lakes, have a larger area than the whole of Europe. British Africa and Australasia are the next possessions in size.

POPULATION OF THE UNITED KINGDOM BY SUCCESSIVE CENSUSES.

|               | 1821.      | 1841.      | 1851.      | 1861.      | 1871.      | 1881.      | 1891.       |
|---------------|------------|------------|------------|------------|------------|------------|-------------|
| England.....  | 13,920,522 | 15,672,443 | 16,621,838 | 18,954,444 | 21,495,151 | 24,613,926 | 27,499,984  |
| Wales.....    | 809,374    | 911,705    | 1,006,721  | 1,111,730  | 1,217,135  | 1,360,613  | 1,501,084   |
| Scotland..... | 2,234,286  | 2,620,154  | 2,833,743  | 3,063,294  | 3,360,013  | 3,735,673  | 4,033,103   |
| Ireland.....  | 7,797,401  | 8,136,557  | 6,574,278  | 5,793,997  | 5,412,377  | 5,174,838  | 4,706,448   |
| Total.....    | 24,028,534 | 26,730,899 | 27,930,629 | 29,927,485 | 31,484,651 | 34,884,848 | *37,888,439 |

\* Including 147,870 inhabitants of islands in the United Kingdom.

## The British Royal Family.

DECEMBER 1, 1899.

QUEEN VICTORIA was born May 24, 1819; succeeded her uncle, King William IV., June 20, 1837; married, February 10, 1840, Prince Albert of Saxe-Coburg-Gotha, who died on December 14, 1861. In the following table their children, grandchildren, and great-grandchildren, with their matrimonial alliances, are enumerated.

| NAME.  | Born | Died. | Married.   | Date. |
|--|------|-------|--|-------|
| THE QUEEN.....   | 1819 | ..... | Duke of Saxony, Prince of Saxe-Coburg-Gotha (died December 14, 1861).....      | 1840  |
| <i>Descendants.*</i>   |      |       |  |       |
| 1. VICTORIA ADELAIDE, PRINCESS ROYAL.....  | 1840 | ..... | Crown Prince of Prussia (succ. as German Emperor, March 1888. Died June, 1888) | 1858  |
| Frederick William (succ. as German Emperor, June, 1888). ( <i>Issue, 6 sons, 1 daughter</i> )..... | 1859 | ..... | Princess Augusta of Schleswig-Holstein..                                       | 1881  |
| Charlotte. ( <i>Issue, 1 daughter</i> ).....   | 1860 | ..... | Prince of Saxe-Meiningen.....  | 1878  |
| Henry. ( <i>Issue, 2 sons</i> ).....   | 1862 | ..... | Princess Irene of Hesse.....   | 1888  |
| Sigismund.....   | 1864 | 1866  |  |       |
| Victoria.....  | 1866 | ..... | Prince Adolphus of Schaumburg-Lippe.   | 1890  |
| Waldemar.....  | 1868 | 1879  |  |       |
| Sophia Dorothea. ( <i>Issue, 2 sons, 1 dau.</i> )  | 1870 | ..... | Duke of Sparta, son of King of the Greeks.                                     | 1889  |
| Margaret. ( <i>Issue, 3 sons</i> ).....  | 1872 | ..... | Prince Frederick Charles of Hesse.....   | 1893  |
| 2. ALBERT EDWARD, PRINCE OF WALES  | 1841 | ..... | Princess Alexandra of Denmark.....   | 1863  |
| Albert Victor, Duke of Clarence.....   | 1864 | 1892  |  |       |
| George Frederick, Duke of York. ( <i>Issue, 2 sons, 1 daughter</i> ).....                          | 1865 | ..... | Princess Victoria Mary of Teck.....  | 1893  |
| Louise Victoria. ( <i>Issue, 2 daughters</i> )   | 1867 | ..... | Duke of Fife.....  | 1889  |
| Victoria Alexandra.....  | 1868 | ..... |  |       |
| Maude Charlotte.....   | 1869 | ..... | Prince Charles of Denmark.....   | 1896  |
| Alexander.....   | 1871 | 1871  |  |       |
| 3. ALICE MAUD MARY, GRAND DUCHESS OF HESSE.  | 1843 | 1878  | Louis IV., Grand Duke of Hesse (died March 13, 1892).....                      | 1862  |
| Victoria Alberta. ( <i>Issue, 1 son, 2 daughters</i> ).....  | 1863 | ..... | Prince Louis of Battenberg.....  | 1884  |
| Elizabeth.....   | 1864 | ..... | Grand Duke Sergius of Russia.....  | 1884  |
| Irene Marie. ( <i>Issue, 2 sons</i> ).....   | 1866 | ..... | Prince Henry of Prussia.....   | 1888  |
| Ernest Louis, Grand Duke of Hesse.   | 1868 | ..... | Princess Victoria of Saxe-Coburg-Gotha.  | 1894  |
| Frederick William.....   | 1870 | 1873  |  |       |
| Victoria Alice. ( <i>Issue, 3 daughters</i> )  | 1872 | ..... | Emperor Nicholas II. of Russia.....  | 1894  |
| Mary Victoria.....   | 1874 | 1878  |  |       |
| 4. ALFRED, DUKE OF SAXE-COBURG-GOTHA, DUKE OF EDINBURGH.   | 1844 | ..... | Grand Duchess Marie, daughter of Alexander II., Emperor of Russia.....         | 1874  |
| Alfred Alexander.....  | 1874 | 1899  |  |       |
| Marie Alexandra Victoria. ( <i>Issue, 1 son, 1 daughter</i> ).....                                 | 1875 | ..... | Ferdinand, Crown Prince of Roumania..  | 1893  |
| Victoria Melita. ( <i>Issue, 1 daughter</i> )  | 1876 | ..... | Ernest Louis, Grand Duke of Hesse.....   | 1894  |
| Alexandra Louise.....  | 1878 | ..... | Hereditary Prince of Hohenzollern-Langenberg.                                  | 1896  |
| Beatrice.....  | 1884 | ..... |  |       |
| 5. HELENA, PRINCESS CHRISTIAN.....   | 1846 | ..... | Prince Frederick Christian of Schleswig-Holstein.....                          | 1866  |
| Christian Victor.....  | 1867 | ..... |  |       |
| Albert John.....   | 1869 | ..... |  |       |
| Victoria Louise.....   | 1870 | ..... |  |       |
| Louise Augusta.....  | 1872 | ..... | Prince Aribert of Anhalt-Déssau.....   | 1891  |
| Harold.....  | 1876 | 1876  |  |       |
| 6. LOUISE, MARCHIONESS OF LORNE  | 1848 | ..... | Marquis of Lorne.....  | 1871  |
| 7. ARTHUR, DUKE OF CONNAUGHT.  | 1850 | ..... | Princess Louise of Prussia.....  | 1879  |
| Margaret.....  | 1882 | ..... |  |       |
| Arthur Patrick.....  | 1883 | ..... |  |       |
| Victoria Patricia.....   | 1886 | ..... |  |       |
| 8. LEOPOLD, DUKE OF ALBANY.....  | 1853 | 1884  | Princess Helena of Waldeck-Pyrmont....   | 1882  |
| Alice Mary.....  | 1883 | ..... |  |       |
| Leopold, 2d Duke of Albany ( <i>post-humous</i> )†.....  | 1884 | ..... |  |       |
| 9. BEATRICK MARY VICTORIA FEODORE.   | 1857 | ..... | Prince Henry of Battenberg (died 1896).  | 1885  |
| Albert Alexander.....  | 1886 | ..... |  |       |
| Victoria Eugénie Julia Ena.....  | 1887 | ..... |  |       |
| Leopold Arthur Louis.....  | 1889 | ..... |  |       |
| Maurice Victor Donald.....   | 1891 | ..... |  |       |
| <i>The Queen's Cousins.</i>  |      |       |  |       |
| DUKE OF CUMBERLAND. ( <i>Issue, 6 children</i> ).....  | 1845 | ..... | Princess Thyra of Denmark.....   | 1878  |
| GEORGE, DUKE OF CAMBRIDGE.....   | 1819 | ..... | Morganatic marriage.....   |       |
| AUGUSTA, DUCHESS OF MECKLENBURG-STRELITZ. (Son and grandchildren)                                  | 1822 | ..... | Frederick, Duke of Mecklenburg-Strelitz..                                      | 1843  |
| MARY ADELAIDE, DUCHESS OF TECK. (1 daughter and 3 sons).....                                       | 1833 | 1897  | Francis, Duke of Teck.....   | 1866  |

The Queen has had eighty children, grandchildren, and great-grandchildren, of whom seventy are living and ten are dead. \* Queen's children in SMALL CAPS with numbers. Their children follow. † Heir to the Dukedom of Saxe-Coburg-Gotha. ‡ Princess May (Mary), who was betrothed to the Duke of Clarence and after his death married his brother, the Duke of York.

## The British Government.

## THE MINISTRY.

JANUARY 1, 1900.

## THE PRESENT CONSERVATIVE MINISTRY.

Marquis of Salisbury ..... }  
 Arthur James Balfour ..... }  
 Earl of Halsbury ..... }  
 Duke of Devonshire ..... }  
 Sir Michael E. Hicks-Beach, Bart. }  
 Sir Matthew White-Ridley, Bart. }  
 Joseph Chamberlain ..... }  
 Marquis of Lansdowne ..... }  
 Lord George Francis Hamilton ..... }  
 Lord Balfour of Burleigh ..... }  
 Viscount Cross ..... }  
 George Joachim Goschen ..... }  
 Charles Thomson Ritchie ..... }  
 Henry Chaplin ..... }  
 Lord James of Hereford ..... }  
 Duke of Norfolk\* ..... }  
 Gerald William Balfour\* ..... }  
 Lord Ashbourne ..... }  
 Walter Hume Long ..... }  
 Aretas Akers-Douglas ..... }

*Prime Minister.*  
*Foreign Secretary.*  
*First Lord of the Treasury.*  
*Lord High Chancellor.*  
*President of the Council.*  
*Chancellor of the Exchequer.*  
*Home Secretary.*  
*Colonial Secretary.*  
*Secretary for War.*  
*Secretary for India.*  
*Secretary for Scotland.*  
*Lord Privy Seal.*  
*First Lord of the Admiralty.*  
*President Board of Trade.*  
*Pres. Local Government Board.*  
*Chancellor Duchy Lancaster.*  
*Postmaster-General.*  
*Chief Secretary for Ireland.*  
*Lord Chancellor for Ireland.*  
*President Board of Agriculture.*  
*First Commissioner of Works.*  
 \* Not in the Cabinet.

## THE LATE LIBERAL MINISTRY.

Earl of Rosebery.  
 Earl of Kimberley.  
 Earl of Rosebery.  
 Lord Herschell.  
 Earl of Rosebery.  
 Sir William Vernon-Harcourt.  
 Herbert Henry Asquith, q. c.  
 Marquis of Ripon.  
 Sir Henry Campbell-Bannerman.  
 Sir Henry Hartley Fowler.  
 Sir George O. Trevelyan, Bart.  
 Lord Tweedmouth.  
 Earl Spencer.  
 James Bryce.  
 George John Shaw-Lefevre.  
 Lord Tweedmouth.  
 Arnold Morley.  
 John Morley.  
 Samuel Walker.\*  
 Herbert Colstoun Gardner.\*  
 Herbert John Gladstone.\*

Henry Torrens Anstruther ..... }  
 William Hayes Fisher ..... }  
 Lord Stanley ..... }  
 Duke of Marlborough ..... }  
 Jesse Collings ..... }  
 W. St. John Brodrick ..... }  
 Earl of Selborne ..... }  
 Earl of Onslow ..... }  
 George Wyndham ..... }  
 Sir Richard Everard Webster, q. c. }  
 Sir Robert B. Finlay, q. c. .... }

## Junior Lords of the Treasury.

*Paymaster-General.*  
*Political Secretary Home Office.*  
*Political Secretary Foreign Office.*  
*Political Secretary Colonial Office.*  
*Political Secretary India Office.*  
*Political Secretary War Office.*  
*Attorney-General.*  
*Solicitor-General.*

{ Ronald C. Munro-Ferguson.  
 { Richard Knight Causton.  
 { William Alex. McArthur.  
 Charles Seale-Hayne.  
 Geo. W. Erskine Russell.  
 Sir Edward Grey, Bart.  
 Sydney Charles Buxton.  
 Lord Reay.  
 Lord Sandhurst.  
 Sir Robert Threshie Reid, q. c.  
 Sir Frank Lockwood, q. c.

Earl of Pembroke ..... }  
 Earl of Hopetoun ..... }  
 Duke of Portland ..... }  
 Earl of Coventry ..... }

## HOUSEHOLD OFFICIALS.

*Lord Steward.*  
*Lord Chamberlain.*  
*Master of the Horse.*  
*Master of the Buckhounds.*

Marquis of Breadalbane.  
 Lord Carrington.  
 Earl of Cork and Orrery.  
 Lord Ribblesdale.

Lord Balfour of Burleigh ..... }  
 Lord ..... }  
 Andrew Graham Murray, q. c. ... }  
 Marquis of Lothian ..... }  
 Lord Kingsburgh (Macdonald) ..... }  
 Duke of Montrose ..... }  
 Charles Scott Dickson, q. c. .... }

*Secretary and Keeper of Great Seal.*  
*Lord Justice-General.*  
*Lord Advocate.*  
*Keeper of the Privy Seal.*  
*Lord Justice Clerk.*  
*Lord Clerk Register.*  
*Solicitor-General.*

Sir Geo. Otto Trevelyan, Bart.  
 Lord Robertson.  
 John Blair Balfour, q. c.  
 Marquis of Lothian.  
 Lord Kingsburgh.  
 Duke of Montrose.  
 Thomas Shaw, q. c.

Earl Cadogan (in the Cabinet) ..... }  
 Gerald William Balfour ..... }  
 Sir David Harrel, k. c. b. .... }  
 Lord Ashbourne ..... }  
 John Atkinson, q. c. .... }

## IRELAND.

*Lord-Lieutenant.*  
*Chief Secretary.*  
*Under-Secretary.*  
*Lord Chancellor.*  
*Attorney-General.*

Lord Houghton (now Earl Crewe).  
 John Morley.  
 Sir David Harrel, k. c. b.  
 Samuel Walker.  
 The MacDermot, q. c.

## COURTS OF LAW.

HOUSE OF LORDS—*Lord High Chancellor*, Earl of Halsbury, and such peers of Parliament as are holding or have held high judicial office.

LOARDS OF APPEAL IN ORDINARY—Lords Macnaghten, Morris, Davey, and Robertson.

COURT OF APPEALS—*Ex-Officio Judges*, The Lord High Chancellor, the Lord Chief Justice of England, the Master of the Rolls, and the President of the Probate, Divorce, and Admiralty Division. *Master of the Rolls*, Sir Nathaniel Lindley. *Lords Justices*, Sir Archibald Lewin Smith, Sir John Rigby, Sir Joseph W. Chitty, Sir Richard Henn Collins, Sir Roland Vaughn Williams, Sir Robert Romer.

HIGH COURT OF JUSTICE, CHANCERY DIVISION—*President*, The Lord High Chancellor. *Justices*, Sir Ford North, Sir James Stirling, Sir Arthur Kekewich, Sir Edmund W. Byrne, Sir H. H. Cozens-Hardy, Sir George Farwell.

HIGH COURT OF JUSTICE, QUEEN'S BENCH DIVISION—*Lord Chief Justice of England*, Lord Russell of Killowen. *Justices*, Sir James Charles Mathew, Sir John Charles Day, Sir Alfred Wills, Sir William Grantham, Sir John Compton Lawrance, Sir Robert Samuel Wright, Sir Gainsford Bruce, Sir William Rann Kennedy, Sir Edward Ridley, Sir John C. Bigham, Sir Charles John Darling, Sir Arthur M. Channel, Sir Walter Phillimore, Sir Thomas T. Bucknill.

HIGH COURT OF JUSTICE, PROBATE, DIVORCE, AND ADMIRALTY DIVISION—*President*, Sir Francis Henry Jeune, k. c. b. *Justice*, Sir John Gorell Barnes.

COURT OF ARCHES—*Judge*, Sir Arthur Charles.

BANKRUPTCY COURT—*Judge*, Sir R. S. Wright. *Registrars*, J. R. Brougham, H. S. Giffard, John E.

Linklater, Herbert J. Hope, Henry J. Hood.

COMMISSIONERS IN LUNACY—Earl Waldegrave, Sir J. E. Dorrington, Bart., J. D. Cleaton. *Legal*, Charles S. Bagot, William Edward Frere, George Harold Urmsion. *Medical*, F. Needham, J. A. Wallis, Edward Marriott Cooke.

This and the following pages of information about the British Empire have been revised for THE WORLD ALMANAC for 1900 by the editor of Whitaker's Almanack, London.

THE BRITISH GOVERNMENT—Continued.

ARMY.

Commander-in-Chief.....  
 Military Secretary—Major-Gen. Sir Coleridge Grove, K. C. B.  
 Adjutant-General—Gen. Sir Evelyn Wood.  
 Quartermaster-General—Lieut.-Gen. Sir Charles Mansfield Clark, Bart.  
 Director-General of Ordnance—Gen. Sir H. Brackenbury.  
 Director of Military Intelligence—Major-Gen. Sir John Charles Ardagh.

Field-Marshal Viscount Wolseley, K. P.  
 Director-General Medical Department—Surg.-Gen. James Jameson.  
 Inspector-General of Fortifications—Gen. Sir R. Harrison.  
 Inspector-General of Cavalry—Major-Gen. Henry F. Grant.  
 Chaplain-General—Rev. John Cox Edghill, D. D.

FIELD MARSHTALS.

H. R. H. Duke of Cambridge, Hon. Col. -in-Chief.  
 H. R. H. Prince of Wales.  
 Sir John Lintorn Arabin Simmons, Colonel Commandant Royal Engineers.  
 Sir Frederick Paul Haines, Royal Scots Fusiliers.  
 Sir Donald Martin Stewart, Bart., Member of In-

dian Council and Governor of Chelsea Hospital.  
 Viscount Wolseley, Commander-in-Chief.  
 Lord Roberts of Kandahar, V. C., Commanding the Forces in Ireland.  
 H. H. Prince Edward of Saxe-Weimar, Colonel 1st Life Guards.

GENERALS—ACTIVE LIST.

H. R. H. Prince Christian of Schleswig-Holstein.  
 Sir Robert Biddulph.  
 H. R. H. Duke of Connaught.  
 John Hart Dunne.  
 Sir Henry Evelyn Wood, V. C.  
 Sir Richard Harrison, K. C. B.  
 Edward Francis Chapman, C. B.  
 Sir Arthur Jas. Lyon-Fremantle.

Sir Redvers Henry Buller, V. C.  
 Alexander Geo. Montgomery-Moore.  
 Sir W. Stephen Lockhart, Commander-in-Chief, India.  
 H. S. Anderson, C. B.  
 Sir Howard S. Jones.  
 William Percival Tomkins.  
 Nathaniel Stevenson.

H. R. H. Duke of Cumberland.  
 Godfrey Clerk.  
 George N. Channer, V. C.  
 Frederick G. Le Grand.  
 Sir Arthur P. Palmer.  
 Sir Henry B. Tuson.  
 Cuthbert C. Suther.  
 Sir Henry Brackenbury.  
 Sir Francis W. Grenfell.

NAVY.

LORDS COMMISSIONERS OF THE ADMIRALTY.—First Lord, Rt. Hon. George J. Goschen, M. P.; Senior Naval Lord, Vice-Admiral Lord Walter Talbot Kerr; Second Naval Lord, Rear-Admiral Archibald L. Douglas; Third Naval Lord and Controller, Rear-Admiral Arthur K. Wilson, V. C.; Junior Naval Lord, Rear-Admiral Arthur William Moore, C. B.; Civil Lord, J. Austen Chamberlain, M. P.  
 ADMIRALS OF THE FLEET.—Hon. Sir Henry Keppel, H. R. H. Alfred Duke of Saxe-Coburg-Gotha, Earl of Clanwilliam, Sir Algernon McLennan Lyons, Sir F. W. Richards, Sir Nowell Salmon, V. C. Honorary Admirals of the Fleet.—H. R. H. Prince of Wales, H. I. M. William II., German Emperor.

George Digby Morant, Sir Edward Hobart Seymour, Henry Craven St. John, Sir William Robert Kennedy, Sir John Arbuthnot Fisher, Sir Henry Frederick Stephenson, Charles George Fane, Sir Compton Edward Donyville, Sir Frederick George Denham Bedford, Albert Hastings Markham, Alfred Taylor Dale, Sir Harry Rawson, Cyprian A. G. Bridge, Edmund C. Drummond, Charles S. Cardale, Sir John R. T. Fullerton, Ernest Rice.

FLAG-OFFICERS IN COMMISSION.

Nore, Adm. Sir N. Bowden-Smith.  
 Portsmouth, Adm. Sir M. Culme-Seymour, K. C. B.  
 Plymouth, Adm. Sir Henry Fairfax.  
 Queenstown, Ireland, Rear-Adm. A. P. M. Lake.  
 Channel Squadron, Vice-Adm. Sir Harry Rawson;  
 Rear-Adm. A. D. Fanshawe.  
 Mediterranean, Adm. Sir John A. Fisher; Rear-Adm. Sir Gerard H. U. Noel (2nd).  
 N. Am. and W. Indies, Vice-Adm. Sir F. G. D. Bedford; Comm. W. H. Henderson, Jamaica.  
 China, Vice-Adm. Sir E. H. Seymour, K. C. B.; Rear-Adm. C. P. Fitz Gerald (2nd); Comm. Francis Powell, Hong Kong.  
 Pacific, Rear-Adm. L. A. Beaumont.

East Indies, Rear-Adm. D. H. Bosanquet.  
 Australia, Rear-Adm. Hugo L. Pearson.  
 Cape and W. Africa, Rear-Adm. Sir Robert Hastings Harris, K. C. B.  
 S. E. Coast America, Capt. R. L. Groome.  
 Training Squadron, Comm. Edmund S. Poë.  
 Supt., Portsmouth, Rear-Adm. P. Alarich.  
 Supt., Devonport, Rear-Adm. T. S. Jackson.  
 Supt., Chatham, Rear-Adm. S. C. Holland.  
 Supt., Malta Dock, Rear-Adm. Rodney MacLaine Lloyd, C. B.  
 Supt., Naval Reserves, Vice-Adm. Sir Compton E. Domville.

THE ESTABLISHED CHURCH OF ENGLAND.

ENGLISH ARCHBISHOPS.

Trans.  
 1896. Canterbury, Frederick Temple, b. 1821.

Trans.  
 1891. York, William Dalrymple MacLagan, b. 1826.

ENGLISH BISHOPS.

App.  
 1896. London, Mandell Creighton, b. 1842.  
 1890. Durham, Brooke Foss Westcott, b. 1825.  
 1895. Winchester, Randall T. Davidson, b. 1843.  
 1890. Bangor, Daniel Lewis Lloyd, b. 1844.  
 1894. Bath and Wells, G. W. Kenyon, b. 1846.  
 1897. Bristol, George Forrest Browne, b. 1833.  
 1892. Carlisle, John Wareing Bradley, b. 1835.  
 1888. Chester, Francis John Jayne, b. 1845.  
 1895. Chichester, Ernest H. Wilberforce, b. 1840.  
 1885. Ely, Lord Alwyne Compton, b. 1825.  
 1885. Exeter, Edward H. Bickersteth, b. 1825.  
 1893. Gloucester, Charles John Ellicott, b. 1819.  
 1895. Hereford, John Percival, b. 1835.  
 1885. Lincoln, Edward King, b. 1829.  
 1891. Lichfield, Hon. Augustus Legge, b. 1839.  
 1890. Liverpool, John Charles Ryle, b. 1816.  
 1883. Llandaff, Richard Lewis, b. 1821.

App.  
 1896. Manchester, James Moorhouse, b. 1826.  
 1895. Newcastle, Edgar Jacob, b. 1845.  
 1893. Norwich, John Sheepshanks, b. 1834.  
 1888. Oxford, William Stubbs, b. 1825.  
 1896. Peterborough, Hon. Edwd. Carr Glyn, b. 1843.  
 1884. Ripon, William Boyd Carpenter, b. 1841.  
 1895. Rochester, Edward Stuart Talbot, b. 1844.  
 1890. St. Albans, John Wogan Festing, b. 1835.  
 1889. St. Asaph, Alfred George Edwards, b. 1848.  
 1897. St. David's, John Owen, b. 1853.  
 1885. Salisbury, John Wordsworth, b. 1843.  
 1892. Sodor and Man, Norman D. J. Stratton, b. 1840.  
 1884. Southwell, George Ridding, b. 1828.  
 1891. Truro, John Gott, b. 1846.  
 1897. Wakefield, George Rodney Eden, b. 1853.  
 1891. Worcester, J. J. Stewart Perowne, b. 1823.



THE BRITISH GOVERNMENT—Continued.

DIPLOMATIC INTERCOURSE.

| COUNTRIES.          | British Representatives Abroad.             | Foreign Representatives in England. |
|---------------------|---|-------------------------------------|
| Argentine Republic. | Hon. William A. C. Barrington.              | Don F. L. Dominguez.                |
| Austria-Hungary.    | Sir Horace Rumbold, Bart., G. C. B.         | Count Franz Deym.                   |
| Belgium.            | Hon. Sir F. R. Plunkett, G. C. M. G.        | Baron Whettnall.                    |
| Brazil.             | Edmund C. H. Phipps, C. B.                  | Chevalier A. de Souza Corrêa.       |
| Chile.              | Audley C. Gosling.                          | A. Bascunan.                        |
| China.              | Major Sir Claude M. Macdonald, K. C. M. G.  | Lo Fung Luh, K. C. V. O.            |
| Denmark.            | Sir Edmund D. Veitch Fane, K. C. M. G.      | M. F. E. de Bille.                  |
| Ecuador.            | William Neithorpe Beauclerk.                | Don Celso Nevares.                  |
| Egypt.              | Rt. Hon. Viscount Cromer, G. C. M. G.       |                                     |
| France.             | Rt. Hon. Sir Edmund J. Monson, G. C. B.     | M. Paul Cambon.                     |
| German Empire.      | Rt. Hon. Sir Frank C. Lascelles, G. C. B.   | Count von Hatzfeldt-Wildenburg.     |
| Greece.             | Sir Edwin Henry Egerton, K. C. B.           | M. Metaxas.                         |
| Guatemala.          | George F. Birt Jenner.                      | Col. José Saborio.                  |
| Italy.              | Rt. Hon. Lord Currie, G. C. B.              | Baron De Renzis di Montanaro.       |
| Japan.              | Sir Ernest Mason Satow, K. C. M. G.         | Takaaki Kato.                       |
| Mexico.             | Sir Henry Nevill Dering, Bart., C. B.       | Manuel Eturbé.                      |
| Morocco.            | Sir Arthur Nicolson, K. C. I. E.            |                                     |
| Netherlands.        | Sir Henry Howard, K. C. B.                  | Baron Van Oldenaller.               |
| Persia.             | Sir Henry Mortimer Durand, K. C. S. I.      | General Mirza Mohamed Ali Khan.     |
| Peru.               | William Neithorpe Beauclerk.                | Don José F. Canevaro.               |
| Portugal.           | Sir Hugh G. MacDonell, K. C. M. G.          | L. de Soveral, G. C. M. G.          |
| Russia.             | Rt. Hon. Sir C. S. Scott, G. C. M. G.       | M. Georges de Staal.                |
| Servia.             | William Edward Goschen.                     | M. Chedomile Mijatovitch.           |
| Siam.               | George Greville, C. M. G.                   | Marquis Maha Yotha.                 |
| Spain.              | Rt. Hon. Sir Henry D. Wolff, G. C. B.       | Count de Rascon.                    |
| Sweden and Norway.  | Hon. Sir Francis John Pakenham, K. C. M. G. | Count Carl Lewenhaupt.              |
| Switzerland.        | Frederick Robert St. John.                  | M. Charles Daniel Bourcart.         |
| Turkey.             | Rt. Hon. Sir Nicolas R. O'Connor, G. C. B.  | Costaki Pacha Anthropolous.         |
| United States.      | Rt. Hon. Lord Pauncefote, G. C. B.          | Joseph H. Choate.                   |
| Uruguay.            | Walter Baring.                              | Dr. Alberto Nin.                    |

GOVERNMENT OF INDIA.

*Viceroy and Governor-General.*—The Rt. Hon. Lord Curzon of Kedleston, G. M. S. I., G. M. I. E.  
*Governor of Madras.*—Sir Arthur Elbank Havelock, G. C. M. G., G. C. I. E.  
*Governor of Bombay.*—Sir H. Stafford Northcote, Bart.  
*Lieutenant-Governor of Bengal.*—Hon. Sir John Woodburn, K. C. S. I.

SECRETARIES TO THE GOVERNMENT OF INDIA.

HOME.—John Prescott Hewett, C. I. F.

REVENUE AND AGRICULTURE.—T. W. Holderness, C. S. I.

FINANCE AND COMMERCE.—James Fairbairn Finlay, C. S. I.

FOREIGN.—Sir William John Cuningham, C. S. I.

MILITARY.—Major-Gen. Pelham J. Maitland, C. C. B.

PUBLIC WORKS.—F. R. Upcott.

*Agents to Governor-General: Central India.* Lieut.-

Col. D. W. K. Barr, C. S. I.; *Rajputana.* A. H.

T. Martindale; *Baluchistan.* Hugh Shakespear

Barnes, C. S. I.

*Residents.* *Hyderabad.* Sir T. J. C. Plowden,

K. C. S. I.; *Mysore.* Lieut.-Col. Donald Robertson;

*Cashmere.* Lieut.-Col. Sir Adelbert C. Talbot,

K. C. I. E.; *Baroda.* Col. Norton Hughes Martelli;

*Nepal.* Col. H. Wylie, C. S. I.; *Gwalior.* Lieut.-

Col. J. H. Newill.

MILITARY ESTABLISHMENT.

COMMANDER-IN-CHIEF IN INDIA.—H. E. Gen. Sir

William Stewart Alex. Lockhart, G. C. B.

*Military Secretary.* Col. F. S. Gwatkin.

*Adjutant-General.* Major-Gen. Sir W. G. Nicholson,

K. C. B.

*Quartermaster-General.* Major-Gen. Alexander

Robert Badcock, C. B., C. S. I.

LIEUT.-GENERALS COMMANDING THE FORCES.

MADRAS.—Lieut.-Gen. Sir G. B. Wolseley, K. C. B.

BOMBAY.—Lieut.-Gen. Sir R. C. Low, G. C. B.

BENGAL.—Lieut.-Gen. Sir George Luck, K. C. B.

PUNJAB.—Lieut.-Gen. Sir A. P. Palmer, K. C. B.

COLONIAL GOVERNORS.

New South Wales.—Earl Beauchamp, K. C. M. G.

Victoria.—Lord Brassey, K. C. B.

South Australia.—Rt. Hon. Lord Tennyson.

Queensland.—Lord Lamington, K. C. M. G.

West Australia.—Col. Sir Gerard Smith, K. C. M. G.

Tasmania.—Viscount Gormanston, K. C. M. G.

New Zealand.—The Earl of Ranfurly, K. C. M. G.

Cape Colony.—Sir Alfred Milner, G. C. M. G.

Natal.—Hon. Sir Walter F. Hely-Hutchinson.

Malta.—Gen. Sir F. W. Grenfell, G. C. B.

Gibraltar.—Gen. Sir Robert Biddulph, G. C. B.

Canada.—The Earl of Minto.

Newfoundland.—Lieut.-Col. Sir H. E. McCallum,

K. C. M. G.

Jamaica.—Sir A. W. L. Hemming, K. C. M. G.

Barbados.—Sir James Shaw Hay, K. C. M. G.

Bahamas.—Sir G. T. Carter, K. C. M. G.

Bermudas.—Lieut.-Gen. George Digby Barker, C. B.

Trinidad.—Sir H. E. H. Jerningham, K. C. M. G.

British Guiana.—Sir W. J. Sendall, K. C. M. G.

Hong Kong.—Sir Henry A. Blake, G. C. M. G.

Ceylon.—Col. Rt. Hon. Sir Joseph West Ridgeway.

Fiji.—Sir G. T. M. O'Brien, K. C. M. G.

Sierra Leone.—Col. Sir Frederick Cardew, K. C. M. G.

Straits Settlements.—Sir Charles Bullen Hugh

Mitchell, G. C. M. G.

Windward Islands.—Sir Alfred Moloney, K. C. M. G.

Leeward Islands.—Sir Francis Fleming, K. C. M. G.

Falkland Islands.—William G. Wilson, C. M. G.

Mauritius.—Sir Charles Bruce, K. C. M. G.

Gold Coast Colony.—Sir F. M. Hodgson, K. C. M. G.

British Honduras.—Col. David Wilson, C. M. G.

Lagos (West Africa).—Sir W. MacGregor, K. C.

M. G.

Gambia (West Africa).—Sir R. B. Llewellyn, K.

C. M. G.

Niger Coast (West Africa).—Sir R. D. R. Moor,

K. C. M. G.

British East Africa.—Sir A. H. Hardinge, K. C. B.

Uganda.—Sir H. H. Johnston, K. C. B.

## The British Parliament.

THE supreme legislative power of the British Empire is, by its constitution, vested in Parliament. This body consists of two houses, the Lords and the Commons.

### THE HOUSE OF LORDS.

The House of Lords is composed of the whole Peerage of England and of the United Kingdom, and of certain representatives of the peerages of Scotland and Ireland, but many members of these latter hav. also English titles, which give them seats in the House. The Duke of Buccleuch sits as Earl of Doncaster, and the Duke of Leinster as Viscount Leinster. Exclusive of 1 baron, whose claim is not established, the House at present consists of 6 Princes of the Blood, 2 Archbishops, 22 Dukes, 22 Marquises, 123 Earls, 29 Viscounts, 24 Bishops, 317 Barons, 16 Scottish Representative Peers elected for each Parliament, and 25 Irish Representative Peers elected for life (1 Scottish and 2 Irish Representative Peers are also included as Peers of England)—in all, 587 members.

The Lord Chancellor of England is always the Speaker of the House of Lords.

### A TABLE OF BRITISH DUKES.

| Created. | Title.                                    | Name.   | Born. | Succeeded | Heir to Title.                  |
|----------|---|---|-------|-----------|---------------------------------|
| 1868     | Abercorn*                                 | James Hamilton, 2nd Duke                      | 1838  | 1885      | Marq. of Hamilton, s.           |
| 1881     | Albany†                                   | H. R. H. Leopold, 2nd Duke (minor)            | 1884  | 1884      | None.                           |
| 1701     | Argyll                                    | George Douglass Campbell, 8th Duke            | 1823  | 1847      | (k) Marq. of Lorne, s.          |
| 1703     | Atholl                                    | John J. H. H. Stewart-Murray, 7th Duke        | 1840  | 1864      | Marq. Tullibardine, s.          |
| 1682     | Beaufort                                  | H. A. W. Fitzroy Somerset, 9th Duke           | 1847  | 1899      | Lord H. Somerset, b.            |
| 1694     | Bedford                                   | Herbrand Arthur Russell, 11th Duke            | 1858  | 1893      | Marq. of Tavistock, s.          |
| 1673     | Buccleuch & (1684) Queensberry†           | Wm. H. W. Montagu-Douglas-Scott, 6th Duke (a) | 1831  | 1884      | Earl of Dalkeith, s.            |
| 1801     | Cambridge†                                | H. R. H. George William Frederick, 2nd Duke   | 1819  | 1850      | None.                           |
| 1874     | Connaught                                 | H. R. H. Arthur William Patrick, 1st Duke     | 1850  | ....      | Prince Arthur, s.               |
| 1841     | Cornwall & (1469) Rothesay†               | H. R. H. Albert Edward, Prince of Wales       | 1841  | ....      | Duke of York, s.                |
| 1799     | Cumberland†                               | H. R. H. Ernest Augustus, 3rd Duke (b)        | 1845  | 1878      | Earl of Armagh, s.              |
| 1694     | Devonshire                                | Spencer C. Cavendish, 8th Duke                | 1833  | 1891      | Victor Cavendish, n.            |
| 1866     | Edinburgh†                                | H. R. H. Alfred Ernest Albert, 1st Duke       | 1844  | ....      | Prince Alfred, s.               |
| 1889     | Fife                                      | Alex. William George Duff, 1st Duke (c)       | 1849  | ....      | None.                           |
| 1675     | Grafton                                   | Aug. Charles Lennox Fitzroy, 7th Duke (d)     | 1821  | 1882      | Earl of Euston, s.              |
| 1643     | Hamilton† and Brandon                     | Alfred D. Douglas-Hamilton, 13th Duke         | 1862  | 1895      | Percy D. Hamilton, c.           |
| 1694     | Leeds                                     | George Godolphin Osborne, 10th Duke           | 1862  | 1895      | Lord Fras. Osborne, b.          |
| 1766     | Leinster*                                 | Maurice Fitzgerald, 6th Duke (minor)          | 1837  | 1893      | Lord D. Fitzgerald, b.          |
| 1719     | Manchester                                | William Augustus Drogo Montagu (e)            | 1877  | 1892      | Lord C. Montagu, u.             |
| 1702     | Marlborough                               | Chas. R. J. Spencer-Churchill, 9th Duke (f)   | 1871  | 1892      | Marq. of Blandford, s.          |
| 1707     | Montrose†                                 | Douglas E. M. R. Graham, 5th Duke             | 1852  | 1874      | Marq. of Graham, s.             |
| 1756     | Newcastle                                 | Henry P. A. Pelham-Clinton, 7th Duke          | 1864  | 1879      | Lord H. Pelham-Clinton-Hope, b. |
| 1438     | Norfolk                                   | Henry Fitzalan Howard, 15th Duke (g)          | 1847  | 1860      | Earl Arundel & S., s.           |
| 1766     | Northumberland                            | Henry George Percy, 7th Duke                  | 1846  | 1899      | Earl Percy, M. P., s.           |
| 1716     | Portland                                  | W. J. A. Cavendish-Bentinck, 6th Duke         | 1857  | 1879      | Marq. of Titchfield, s.         |
| 1675     | Richmond & (1876) Gordon & (1675) Lennox† | Charles H. Gordon-Lennox, 6th Duke (h)        | 1818  | 1860      | Earl of March, s.               |
| 1707     | Roxburgh†                                 | Henry John Innes-Ker, 8th Duke                | 1876  | 1892      | Lord A. R. Innes-Ker, b.        |
| 1703     | Rutland                                   | John J. Robert Manners, 7th Duke              | 1818  | 1888      | Marq. of Granby, s.             |
| 1684     | St. Albans                                | Charles V. de Vere Beauclerk, 11th Duke (i)   | 1870  | 1898      | Lord Osborne Beauclerk, b.      |
| 1547     | Somerset                                  | Algernon St. Maur, 15th Duke                  | 1846  | 1894      | Lord Percy St. Maur, b.         |
| 1833     | Sutherland                                | Crom. Sutherland-Leveson-Gower, 4th Duke      | 1851  | 1892      | Marq. of Stafford, s.           |
| 1814     | Wellington                                | Henry Wellesley, 3rd Duke (j)                 | 1846  | 1884      | Lord A. C. Wellesley, b.        |
| 1874     | Westminster                               | Hugh Lupus Grosvenor, 1st Duke                | 1825  | ....      | Viscount Belgrave, s.           |
| 1692     | York†                                     | H. R. H. George Frederick Ernest, 1st Duke    | 1865  | ....      | Pr. Edward of York, s.          |

s, son; b, brother; gs, grandson; c, cousin; n, nephew; u, uncle.

\* Irish Dukes. † Royal Dukes. ‡ Scotch Dukes. (a) Eighth Duke of Queensberry, descendant of the Duke of Monmouth, son of King Charles II. (b) Son of King George V., of Hanover. (c) Husband of the Princess Louise, eldest daughter of the Prince of Wales. (d) Descendant of Henry Fitzroy, first Duke, son of King Charles II. and Barbara Villiers. (e) His mother was Miss Yznaga, of New York. (f) His wife was Miss Consuelo Vanderbilt, daughter of William K. Vanderbilt, of New York. (g) Premier Duke. (h) Descendant of Charles Lennox, first Duke, son of King Charles II. and Louise-Renée de Querouailles. (i) Descendant of Charles Beauclerk, first Duke, son of King Charles II. and Nell Gwynne. (j) Grandson of the great Duke of Wellington, the victor of Waterloo. (k) Husband of Princess Louise, sixth child of Queen Victoria.

### THE HOUSE OF COMMONS.

The present House of Commons consists of 670 members—465 for England, 30 for Wales, 72 for Scotland, and 103 for Ireland.

The division of parties in the House of Commons, returned in the general elections of July, 1895, was as follows: Conservatives, 340; Liberal-Unionists, 71; Gladstone Liberals, 177; Nationalists, 71; Parnellites, 11; the ministerial majority being 152; it is now about 140, owing to bye-elections.

The Speaker of the House is the Rt. Hon. William Court Jolly, Q. C., M. P. for Carlisle.

Population of Great Britain and Ireland.

CENSUS OF 1891.  
ENGLAND.

| COUNTIES.     | Population. | COUNTIES.      | Population. | COUNTIES.                | Population. | COUNTIES.     | Population. |
|---------------|-------------|----------------|-------------|--------------------------|-------------|---------------|-------------|
| Bedford.....  | 160,704     | Essex.....     | 785,445     | Monmouth....             | 252,416     | Suffolk.....  | 371,295     |
| Berks.....    | 239,709     | Gloucester.... | 599,947     | Norfolk.....             | 454,516     | Surrey.....   | 1,731,343   |
| Bucks.....    | 185,284     | Hampshire....  | 690,097     | Northampton.             | 302,183     | Sussex.....   | 580,446     |
| Cambridge.... | 189,961     | Hereford.....  | 115,949     | Northumber-<br>land..... | 506,030     | Warrwick....  | 805,072     |
| Chester.....  | 730,065     | Hertford.....  | 220,162     | Oxford.....              | 445,823     | Westmoreland  | 66,098      |
| Cornwall..... | 323,571     | Huntingdon...  | 57,751      | Rutland.....             | 185,669     | Wiltshire.... | 264,997     |
| Cumberland... | 265,549     | Kent.....      | 1,142,324   | Shropshire...            | 205,559     | Worcester.... | 413,760     |
| Derby.....    | 523,033     | Lancaster..... | 3,926,760   | Somerset.....            | 484,337     | York.....     | 3,208,528   |
| Devon.....    | 631,808     | Leicester..... | 373,584     | Stafford.....            | 1,083,408   | Total.....    | 27,483,490  |
| Dorset.....   | 194,517     | Lincoln.....   | 472,878     |                          |             |               |             |
| Durham.....   | 1,016,559   | Middlesex....  | 3,251,671   |                          |             |               |             |

SCOTLAND.

|               |         |               |           |                             |         |               |           |
|---------------|---------|---------------|-----------|-----------------------------|---------|---------------|-----------|
| Aberdeen..... | 284,086 | Edinburgh.... | 434,276   | Linlithgow....              | 52,808  | Roxburgh..... | 53,500    |
| Argyll.....   | 74,085  | Elgin.....    | 43,471    | Nairn.....                  | 9,155   | Selkirk.....  | 27,712    |
| Ayr.....      | 226,384 | Fife.....     | 190,965   | Orkney and<br>Shetland....  | 59,164  | Stirling..... | 118,021   |
| Banff.....    | 61,884  | Forfar.....   | 277,735   | Peebles.....                | 14,750  | Sutherland... | 21,896    |
| Berwick.....  | 32,280  | Haddington... | 37,377    | Perth.....                  | 123,185 | Wigtown.....  | 36,062    |
| Bute.....     | 18,404  | Inverness.... | 90,121    | Renfrew.....                | 230,312 | Zetland.....  | ....      |
| Caithness.... | 37,177  | Kincardine... | 35,492    | Ross and Cro-<br>marty..... | 73,727  | Total.....    | 4,026,647 |
| Clackmannan.  | 33,140  | Kinross.....  | 6,673     |                             |         |               |           |
| Dumbarton.... | 98,014  | Kirkcubright  | 39,985    |                             |         |               |           |
| Dumfries..... | 74,245  | Lanark.....   | 1,105,899 |                             |         |               |           |

WALES.

|               |         |               |         |               |        |             |           |
|---------------|---------|---------------|---------|---------------|--------|-------------|-----------|
| Anglesey..... | 50,008  | Carnarvon.... | 118,204 | Merioneth.... | 49,212 | Radnor..... | 21,791    |
| Brecon.....   | 57,031  | Denbigh.....  | 117,872 | Montgomery..  | 59,003 | Total.....  | 1,519,035 |
| Cardigan..... | 62,630  | Flint.....    | 77,277  | Pembroke....  | 89,133 |             |           |
| Carmarthen..  | 130,566 | Glamorgan...  | 637,218 |               |        |             |           |

IRELAND.

| LEINSTER.    |         | MUNSTER.      |         | ULSTER.      |         | CONNAUGHT.   |           |
|--------------|---------|---------------|---------|--------------|---------|--------------|-----------|
| Carlow.....  | 40,996  | Westmeath.... | 65,109  | Antrim.....  | 471,179 | Galway.....  | 214,712   |
| Dublin.....  | 419,216 | Wexford.....  | 111,778 | Armagh.....  | 143,289 | Leitrim..... | 78,618    |
| Kildare..... | 70,206  | Wicklow.....  | 62,136  | Cavan.....   | 111,917 | Mayo.....    | 219,084   |
| Kilkenny.... | 87,261  | Clare.....    | 124,483 | Donegal..... | 135,635 | Roscommon..  | 114,397   |
| King's.....  | 65,558  | Cork.....     | 438,432 | Down.....    | 234,408 | Sligo.....   | 98,013    |
| Longford.... | 52,647  | Kerry.....    | 179,136 | Fermanagh... | 74,170  | Total.....   | 4,704,750 |
| Louth.....   | 71,038  | Limerick....  | 168,912 | Londonderry. | 152,009 |              |           |
| Meath.....   | 76,987  | Tipperary...  | 173,188 | Monaghan.... | 86,206  |              |           |
| Queen's..... | 64,583  | Waterford.... | 98,251  | Tyrone.....  | 171,401 |              |           |

The population returns are from "The Statesman's Year-Book." The total population, including army, navy, and merchant seamen abroad (224,211), is 38,104,973.

The City of London.

| Lord Mayor.                              | Ald. Sh. Mayor | Aldermen.   | Ald. Sh. Mayor |
|--|----------------|---|----------------|
| Alfred James Newton.....                 | 1890 1888 1899 | Sir George Robert Tyler, Bart. ....                           | 1887 1891 1893 |
| <i>Aldermen.</i>                         |                | Sir Joseph Renals, Bart. ....                                 | 1885 1893 1894 |
| Sir John Whittaker Ellis, Bart. ....     | 1872 1874 1881 | Sir Walter Henry Wilkin, K.C.M.G. ....                        | 1868 1894 1895 |
| Sir Henry Edmund Knight, Kt. ....        | 1874 1875 1882 | Sir George Faudel Faudel-Phillips,<br>Bart., G. C. I. E. .... | 1888 1884 1896 |
| Sir Reg. Hanson, Bt., LL. D., M. P. .... | 1880 1881 1886 | Col. Sir H. D. Davies, M. P., K. C. M. G. ....                | 1889 1887 1897 |
| Sir Joseph Savory, Bart., M. P. ....     | 1883 1882 1890 | Sir John Voce Moore, Kt. ....                                 | 1889 1893 1898 |
| Sir David Evans, K. C. M. G. ....        | 1894 1885 1891 |   |                |
| Sir Stuart Knill, Bart., LL. D. ....     | 1885 1889 1892 |   |                |

All the above have passed the Civic Chair.

|   |           |                               |           |
|---|-----------|-------------------------------|-----------|
| Frank Green.....                        | 1891 1897 | George Wyatt Truscott.....    | 1895      |
| Sir Joseph Cockfield Dimsdale, Kt. .... | 1891 1893 | Frederick Prat Alliston.....  | 1895 1898 |
| Marcus Samuel.....                      | 1891 1894 | Richard Clarence Halse.....   | 1896      |
| James Thomson Ritchie.....              | 1891 1896 | Samuel Green.....             | 1897      |
| John Pound.....                         | 1892 1895 | John C. Knill.....            | 1897      |
| Walter Vaughan Morgan.....              | 1892      | Thomas Vesey Strong.....      | 1897      |
| William Purdie Treloar.....             | 1892 1899 | Thomas Boor Crosby, M. D..... | 1898      |
| John Charles Bell.....                  | 1894      |                               |           |

The Lord Mayor has an annual salary of £10,000 or \$50,000.

Population of London.

| LONDON WITHIN VARIOUS BOUNDARIES.                             | Area in<br>Statute<br>Acres. | POPULATION. |           |           |
|---|------------------------------|-------------|-----------|-----------|
|   |                              | 1881.       | 1891.     | 1896.     |
| Within the Registrar-General's Tables of Mortality.....       | 74,672                       | 3,815,544   | 4,211,743 | 4,411,710 |
| Within the Limits of the County of London.....                | 75,442                       | 3,834,194   | 4,232,118 | 4,433,018 |
| London School Board District.....                             | 75,442                       | 3,834,194   | 4,232,118 | 4,433,018 |
| City of London within Municipal and Parliamentary Limits..... | 671                          | 50,658      | 37,705    | 31,148    |
| Metropolitan Parliamentary Borough (including the City).....  | 75,442                       | 3,834,194   | 4,232,118 | 4,433,018 |
| Metropolitan and City Police Districts.....                   | 443,421                      | 4,766,661   | 5,683,806 | .....     |

## The German Government.

(For the Ministry, see page 368.)

## POLITICAL DIVISIONS IN THE REICHSTAG.

| PARTIES.   | Number of Members. | PARTIES.                            | Number of Members. |
|--|--------------------|-------------------------------------|--------------------|
| German Conservatives.....                        | 54                 | Liberal Union.....                  | 12                 |
| Imperialists.....                                | 23                 | Liberal People's Party.....         | 29                 |
| National Social Reform Party (Anti-Semites)..... | 9                  | National People's Party.....        | 8                  |
| Centre (Clericals).....                          | 104                | Social Democrats.....               | 55                 |
| Poles.....                                       | 14                 | Alsatian (meaning Anti-German)..... | 8                  |
| National Liberals.....                           | 43                 | Independent (unclassified).....     | 30                 |
|  |                    | Total (with two vacancies).....     | 396                |

The largest group, the Clericals or Centre, represents mainly the Rhine districts and South Germany. The Conservatives, though sometimes in opposition, especially on agrarian questions, are regarded as the ministerial party, and with them are allied the National Liberals and some smaller groups, insuring the government a majority.

## THE ARMY.

The Commander-in-Chief is the Emperor.

*Field-Marshal-Generals*—Count von Blumenthal, Prince George of Saxony, Prince Albrecht of Prussia, Grand Duke Frederick of Baden, Grand Duke Charles Alexander of Saxony, Baron von Loß, Count von Waldersee, Prince Leopold of Bavaria.

*General Staff, Chief*—Count von Schlieffen.

*Corps Commanders*—*First Corps*, Eastern Prussia, Königsberg, General Count Finck von Finckenstein; *Second Corps*, Pomerania, Stettin, Lieutenant-General von Langenbeck; *Third Corps*, Berlin, General von Lignitz; *Fourth Corps*, Magdeburg, General von Klitzing; *Fifth Corps*, Posen, General von Bomsdorff; *Sixth Corps*, Breslau, General Hereditary Prince of Saxe-Meinigen; *Seventh Corps*, Münster, General von Mikusch-Bühlberg; *Eighth Corps*, Coblenz, General Hereditary Grand Duke Frederick of Baden; *Ninth Corps*, Altona, Lieutenant-General von Massow; *Tenth Corps*, Hanover, General von Seebeck; *Eleventh Corps*, Cassel, General von Wittich; *Twelfth Corps*, Dresden, Field-Marshal-General Prince George of Saxony; *Thirteenth Corps*, Stuttgart, General von Lindquist; *Fourteenth Corps*, Carlsruhe, Vacant; *Fifteenth Corps*, Strassburg, General Baron von Falkenstein; *Sixteenth Corps*, Metz, General Count von Hueseler; *Seventeenth Corps*, Dantzig, General von Lentze; *First Bavarian Army Corps*, Munich, General Prince Arnulf of Bavaria; *Second Bavarian Army Corps*, Würzburg, General Ritter von Xylander. *Commander of the Guards*—General von Bock u. Polach.

## The French Government.

(For the Ministry, see page 368.)

*President*.....Emile Loubet.

The annual allowance to the President of the Republic is 600,000 francs, with a further allowance of 600,000 francs for his expenses.

## NATIONAL ASSEMBLY.

*SENATE*.—*President*, M. Fallières; *Vice-Presidents*, MM. Magnin, de Verruinae, Berenger, Deniole, and Franck-Chanveau; *Secretary-General*, M. Sorel.

*CHAMBER OF DEPUTIES*.—*President*, M. Paul Deschanel; *Secretary-General*, M. Eugene Pierre. The number of Senators is 300, and they are at present politically divided into about 250 Republicans and 50 representatives of the various shades of the opposition.

The Deputies number 585, and are divided into the following groups: Moderate Republicans (Progressists), ministerialist, forming the Centre and led by, in addition to the ministry, MM. Poincaré, Ribot, Rouvier, 285; Groupe Isambart, a fusion of the Centre and Left, led by MM. Isambart and Bazille, corresponding to moderate Radicals, 115; Radicals, forming the Left or Opposition, led by MM. Brisson, Bourgeois, Mesureur, de la Porte, Dujardin-Beaumetz, and Lockroy, 55; Socialists, forming the Extreme Left, led by MM. Millerand and Viviani, 40; Radical-Socialists, led by MM. Goblet and Camille Pelletan, 33; Anti-Semites and Nationalists, led by MM. Drumont, Millevoye, and Mourand, 30; Rallies, Constitutional Right, monarchical converts to Republicanism, and now closely identified with the Progressists, led by Comte de Mun, Count de l'Entourbeillon, Count Grouffelle, and Baron de Mackau, 15; Monarchists and Imperialists, led by MM. Cochon, de l'Aigle, de Casagnac, Prince de Léon, and Prince d'Arenberg, 12.

## THE ARMY.

*Military Governor of Paris*—General Brugère.

*Corps Commanders*—*First Corps*, Lille, General Jeannerod; *Second Corps*, Amiens, General Des Garetz; *Third Corps*, Rouen, General Lanchois; *Fourth Corps*, Mans, General Mercier; *Fifth Corps*, Orleans, General de Longuehar; *Sixth Corps*, Chalons, General Kessler; *Seventh Corps*, Besançon, General Pierron; *Eighth Corps*, Bourges, General Godart; *Ninth Corps*, Tours, General Riff; *Tenth Corps*, Rennes, General Lucas; *Eleventh Corps*, Nantes, General Renouard; *Twelfth Corps*, Limoges, General Guioth; *Thirteenth Corps*, Clermont-Ferrand, General Jacquemin; *Fourteenth Corps*, Lyons, General Zélic; *Fifteenth Corps*, Marseilles, General Metzinger; *Sixteenth Corps*, Montpellier, General Faure-Bignet; *Seventeenth Corps*, Toulouse, General de Semaissions; *Eighteenth Corps*, Bordeaux, General Varaigne; *Nineteenth Corps*, Algiers, General Larchey; *Twentieth Corps*, Nancy, General Laplace.

## THE NAVY.

*Commanders of Squadrons and Naval Stations*—Mediterranean West, Vice-Admiral Fornier; Mediterranean Reserve, Rear-Admiral Godin; Northern, Vice-Admiral Sallandrouze de Lamornaix; Atlantic, Rear-Admiral Escande; Pacific, Captain Marquis; Eastern, Rear-Admiral Courrejolles; Cochin China, Captain Recloux; Indian Ocean, Captain Huguet; Algiers, Rear-Admiral Servan; Cherbourg, Vice-Admiral de Maigret, Commandant; Brest, Vice-Admiral Barrera, Commandant; Lorient, Vice-Admiral Menard, Commandant; Rochefort, Vice-Admiral Prouhet, Commandant; Toulon, Vice-Admiral de la Jaille, Commandant.

## The Russian Government.

(For the Ministry, see page 368.)

COUNCIL OF THE EMPIRE.

*President*.....His Imperial Highness the Grand Duke Michael Nicolaïvitch.

THE ARMY.

The Commander-in-Chief is the Emperor.

*Commanders of Military Conscriptions*—*First Conscription*, Transbaikalia, Lieutenant-General Grodekoff, *Second Conscription*, Caucasus, General of Infantry Prince G. S. Golitzin, *Third Conscription*, Finland, Adjutant-General General of Infantry Bobrikoff, *Fourth Conscription*, Eastern Siberia, Vacant, *Fifth Conscription*, Kazan, General of Infantry Mestcheriuff, *Sixth Conscription*, Kiev, General Dragomiroff, *Seventh Conscription*, Moscow, H. I. H. the Grand Duke Sergius Alexandrovitch, *Eighth Conscription*, Odessa, General of Cavalry Count Mousline-Poushkin, *Ninth Conscription*, Western Siberia, General of Cavalry Baron Taube, *Tenth Conscription*, St. Petersburg, H. I. H. the Grand Duke Vladimir Alexandrovitch, *Eleventh Conscription*, is now a part of the *Turkescan Conscription*, Turkestan, Lieutenant-General Doukhovskoi, *Thirteenth Conscription*, Poland, Adjutant-General General of Infantry H. S. H. Prince Imeretinsky, *Fourteenth Conscription*, Vilna, General of Infantry Troitzky.

THE NAVY.

Commander-in-Chief, H. I. H. the Grand Duke Alexis Alexandrovitch.

## The Italian Government.

(For the Ministry, see page 368.)

PARLIAMENT.

*President of the Senate*—Signor Saracco. *President of the Chamber of Deputies*—Signor Chinaglia.

THE ARMY.

*Chief of Staff*—General Saletta.

*Corps Commanders*—Turin, Lieutenant-General Besozzi; Alessandria, Lieutenant-General Ferrero; Verona, Lieutenant-General Corvetto; Eologna, Lieutenant-General Mirri; Ancona, Lieutenant-General Baldissera; Florence, Lieutenant-General Cadorna; Rome, Lieutenant-General Tournou; Naples, Lieutenant-General H. R. H. Prince of Naples; Bari, Lieutenant-General Rugià; Palermo, Lieutenant-General Abate; Piacenza, Lieutenant-General Leone Pelloux; Milan, Lieutenant-General Bava-Beccaris.

COMMANDERS OF MILITARY DIVISIONS.

1. Turin, Lieutenant-General Ottolenghi; 2. Novara, Lieutenant-General Prielli; 3. Alessandria, Lieutenant-General Rasini di Mortigliengo; 4. Cuneo, Lieutenant-General Fecia di Cossato; 5. Milan, Lieutenant-General Oslo; 6. Brescia, Lieutenant-General Pistoia; 7. Piacenza, Lieutenant-General Marras; 8. Genoa, Lieutenant-General Tonini; 9. Verona, Lieutenant-General Guy; 10. Padua, Lieutenant-General Stevensons; 11. Bologna, Lieutenant-General Barriis; 12. Ravenna, Lieutenant-General Manacorda; 13. Ancona, Lieutenant-General Gazzarelli; 14. Chieti, Lieutenant-General Riva; 15. Florence, Lieutenant-General Aymonino; 16. Leghorn, Lieutenant-General Heusch; 17. Rome, Lieutenant-General Pedotti; 18. Perugia, Lieutenant-General Valles; 19. Naples, Lieutenant-General Malacra; 20. Salerno, Lieutenant-General Bogliolo; 21. Bari, Lieutenant-General Onesti; 22. Catanzaro, Lieutenant-General La Halle; 23. Palermo, Lieutenant-General Appellius; 24. Messina, Lieutenant-General Gobbo; 25. Sardegna, Lieutenant-General Rogier.

THE NAVY.

*Admiral*—H. R. H. Prince Thomas, Duke of Genoa. *Commanders of Squadrons*—*Active*, Vice-Admiral Magnaghi; *Reserve*, Vice-Admiral Morin; *Oceanic*, Vice-Admiral Candiani; *Instruction*, Rear-Admiral Marchese.

## The Austrian-Hungarian Government.

(For the Ministry, see page 368.)

THE AUSTRIAN REICHSRATH.

*President of the House of Lords*—Prince Alfred Windischgrätz. *President of the House of Deputies*—Dr. Victor von Fuchs. *Vice-Presidents*—Professor Pientak, Johann Lupul.

THE HUNGARIAN REICHSSTAG.

*President of the House of Magnates*—Count Tibor Karolyi. *President of the House of Representatives*—Desiderius Szilagy. *Vice-President*—Baron Bela Vay.

THE ARMY.

The Commander-in-Chief is the Emperor.

*Corps Commanders*—*First Corps*, Cracow, L. F. M., Baron E. Albori; *Second Corps*, Vienna, Count Uxküll-Gyllenband, F. Z. M.; *Third Corps*, Graz, L. F. M., E. von Sukovatti; *Fourth Corps*, Buda-Pesth, L. F. M., Prince R. Lobkowitz; *Fifth Corps*, Presburg, L. F. M., Archduke Frederick, *Sixth Corps*, Kaschau, F. L. M., Ludwig Fabini; *Seventh Corps*, Temesvar, L. F. M., Schwitzer von Bayersheim; *Eighth Corps*, Prague, F. Z. M., Count Grünne; *Ninth Corps*, Josefstadt, F. M. L. Globus; *Tenth Corps*, Przemysl, F. Z. M., Anton Galgotzy; *Eleventh Corps*, Lemberg, L. F. M., Ferdinand Fiedler; *Twelfth Corps*, Hermannstadt, F. Z. M., Probst Eder von Ohstorf; *Thirteenth Corps*, Agram, G. D. C., Baron A. Bechtoldshelm; *Fourteenth Corps*, Tunsbrück, F. Z. M., Von Hold; *Fifteenth Corps*, Sarajewo, G. D. C., Baron von Appel.

GOVERNORS OF PROVINCES.

Lower Austria—Count E. Kielmansegg. Upper Austria—Baron v. Puthon. Bohemia—Count Carl Coudenhove, Bukowina—Baron F. Bourgoing. Carinthia—Ritter von Fraydenegg. Carniola—Baron Victor v. Hein. Dalmatia—Military Commander E. David E. v. Rhonfeld. Galicia—Prince Ernstachur Sanguszko. Coast Land (Gorice, Istria, Trieste)—Count Leopold Goëss. Moravia—Baron Alois Spe s-Boden. Salzburg—Count St. Julien-Wallsee. Silesia—Count Joseph Thén. Styria—Vacant. Tirol and Vorarlberg—Count Franz Merveldt.

## Dominion of Canada.

Governor-General (Salary, \$50,000).....THE EARL OF MINTO.

## MINISTRY.

The salary of each member of the Dominion Cabinet holding a portfolio is \$7,000 per annum, except the Premier, who receives \$8,000. The present ministry was sworn into office July 11, 1896. It is liberal in politics.

Premier and President of the Privy Council—Rt.

Hon. Sir Wilfred Laurier, G. C. M. G.

Secretary of State—Hon. Richard W. Scott (Senator).

Minister of Trade and Commerce—Hon. Sir Richard Cartwright, G. C. M. G.

Minister of Justice—Hon. David Mills.

Minister of Marine and Fisheries—Hon. Sir Louis H. Davies, K. C. M. G.

Minister of Militia and Defence—Hon. Fred. W. Borden.

Postmaster-General—Hon. William Mulock.

Minister of Agriculture—Hon. Sydney A. Fisher.

Minister of Public Works—Hon. Joseph I. Tarte.

Minister of Finance—Hon. William S. Fielding.

Minister of Railways and Canals—Hon. A. J. Blair.

Minister of the Interior—Hon. Clifford Sifton.

Minister of Customs—Hon. Wm. Paterson.

Minister of Inland Revenue—Hon. Sir Henri G.

Joly de Lotbiniere, K. C. M. G.

Without Portfolio—Hon. Richard R. Dobell.

Hon. James Sutherland.

## NOT IN CABINET.

Solicitor-General—Hon. Charles Fitzpatrick.

The Senate (Dominion Parliament) is composed of 80 members, Hon. Sir C. A. P. Pelletier, K. C. M. G., Speaker, whose salary is \$4,000. Each Senator receives a sessional indemnity of \$1,000 and mileage. The House of Commons is composed of 213 members, Hon. Thomas Bain, Speaker, whose salary is \$4,000. Each member of the House receives a sessional indemnity of \$1,000 and mileage. The members of the House of Commons are elected under the several Provincial Franchises, in accordance with a Federal act passed in 1898. The Senators are appointed for life by the Crown on the nomination of the Governor-in-Council.

## AREA, POPULATION, AND SEATS OF GOVERNMENT, AND LIEUTENANT-GOVERNORS OF THE PROVINCES.

| PROVINCES.                              | Area.<br>Square<br>Miles.* | Popula-<br>tion,<br>1891. | Seats of<br>Government. | Lieutenant-Governors.                  | Ap-<br>point-<br>ed. |
|---|----------------------------|---------------------------|-------------------------|--|----------------------|
| Alberta.....                            | 100,000                    | 25,278                    | Regina.....             | Hon. A. E. Forget.....                 | 1898                 |
| Assinboia.....                          | 90,340                     | 30,374                    | Regina.....             | " " ".....                             | 1898                 |
| Athabaska.....                          | 251,300                    | .....                     | Regina.....             | " " ".....                             | 1898                 |
| British Columbia.....                   | 383,300                    | 98,173                    | Victoria.....           | Hon. Thos. R. McInnes.....             | 1897                 |
| Manitoba.....                           | 73,956                     | 152,506                   | Winnipeg.....           | Hon. J. C. Patterson.....              | 1895                 |
| New Brunswick.....                      | 28,200                     | 321,270                   | Fredericton.....        | Hon. A. R. McClelan.....               | 1896                 |
| Nova Scotia.....                        | 20,600                     | 450,523                   | Halifax.....            | Hon. M. B. Daly (2d term).....         | 1890                 |
| Ontario.....                            | 222,000                    | 2,114,475                 | Toronto.....            | Hon. Sir Oliver Mowat, G. C. M. G..... | 1897                 |
| Prince Edward Island.....               | 2,000                      | 199,083                   | Charlottetown.....      | Hon. P. A. MacIntyre.....              | 1899                 |
| Quebec.....                             | 347,350                    | 1,488,586                 | Quebec.....             | Hon. L. A. Jetté.....                  | 1898                 |
| Saskatchewan.....                       | 114,000                    | 11,146                    | Regina.....             | Hon. A. E. Forget.....                 | 1898                 |
| Mackenzie, Ungava,<br>and Franklin..... | 1,019,200                  | 31,462                    | Regina.....             | " " ".....                             | 1898                 |
| Yukon.....                              | 198,300                    | .....                     | .....                   | .....                                  | .....                |
| Keewatin.....                           | 756,000                    | .....                     | .....                   | .....                                  | .....                |
| Great Lakes & Rivers.                   | 47,400                     | .....                     | .....                   | .....                                  | .....                |
| Total.....                              | 3,653,946                  | 4,823,875                 |                         |  |                      |

\*Land and water included in area. †187,926 by census of 1896.

High Commissioner in London, England, Lord Strathcona and Mount Royal, G. C. M. G. Salary, \$10,000.

The Dominion of Canada has an area of 3,653,946 (including the Hudson Bay) square miles, and comprises one-sixteenth of the land surface of the globe. It is the largest of all the British possessions, Australia, the next in size, containing 2,944,628 square miles. The Government of Canada is Federal, centred at Ottawa, which city is the capital of the Dominion, while the provinces and the Northwest Territories have their respective local Legislatures. The head of the Federal Government is the Governor-General, appointed by the Queen of Great Britain, and holding office for five years, his salary being paid by the Dominion Government.

The Lieutenant-Governors of the several provinces are appointed by the Federal Government for a term of five years. The Legislatures are elected by the people of each province. The highest Court in the Dominion is the Supreme Court, composed of a Chief Justice and five Judges, each of whom receives a salary of \$7,000 per annum, except the Chief Justice, who is paid an additional \$1,000. From the decisions of this Court the only tribunal to which appeal can be made is to the Judicial Committee of the Imperial Privy Council of Great Britain. The only other Federal Court is the Exchequer Court, presided over by a single Judge, for trying cases connected with the revenue. All others are of a provincial character, limited to jurisdiction in their respective provinces only.

## FINANCES.

Revenue (financial year ending June 30, 1898), \$10,555,238, of which \$22,157,788 was from customs; \$7,884,001 from excise; \$4,686,650 from post-office; \$3,873,464 from public works, including government railways; \$1,513,455 from interest on investments, and \$975,792 from Dominion lands.

The expenditure on account of consolidated fund was \$39,991,366, of which \$13,076,624 was for interest; \$1,399,422 for civil government; \$765,608 for administration of justice; \$729,829 for legislation; \$474,217 for light-house and coast service; \$589,773 for mail subsidies and steamship subventions; \$952,584 for Indians; \$441,725 for fisheries; \$136,442 for

DOMINION OF CANADA—Continued.

geological survey and observatories; \$382,476 for arts, agriculture, quarantine, and statistics; \$1,514,472 for militia and defence; \$1,857,627 for public works; \$1,237,372 for subsidies to provinces; \$4,734,252 for post office; \$4,239,765 for railways and canals; \$971,320 for collecting customs revenue; \$140,553 for ocean and river service \$261,195 for immigration, \$865,416 for mounted police.

NATIONAL DEBT.

The gross public debt of Canada on June 30, 1898, amounted to \$338,375,984, of which \$227,958,836 is payable in London, England, and the remainder in Canada. Among the amounts payable in Canada are government savings banks deposits, \$50,111,119, and Dominion notes, \$22,178,193. The total assets counted against gross public debt amount to \$74,419,582, of which amount \$40,876,158 are sinking funds.

MILITIA.

The total strength of the Canadian militia June 30, 1898-99, was 36,650 men, including 2,461 cavalry, 1,734 field artillery, 2,378 garrison artillery, 328 engineers, 28,516 infantry. Attached to the military schools and colleges there are 986 men, who constitute the permanent force of Canada.

TRADE.

Exports fiscal year (1897-98): To British Empire, \$110,782,055; United States, \$45,702,678; Germany, \$1,837,448; France, \$1,025,262; Belgium, \$973,944; Spanish West Indies, \$1,179,459; China, \$363,191; Japan, \$148,728; Holland, \$376,439; South America, \$1,045,605; Hawaiian Islands, \$137,062. Total exports, \$164,152,683.

Imports fiscal year (1897-98): From British Empire, \$34,935,051; United States, \$86,900,702; Germany, \$5,763,784; France, \$4,090,827; Japan, \$1,458,233; Belgium, \$1,450,197; China, \$882,534; Spain and possessions, \$1,108,183; South America, \$1,299,188; Greece, \$168,586; Dutch East Indies, \$251,319; Italy, \$516,250; Switzerland, \$352,098; Holland, \$415,769. Total imports, \$140,323,953.

Of the merchandise imported for home consumption, \$74,625,088 was dutiable, and \$56,072,918 free.

Imports of gold amounted to \$4,390,844, and the exports to \$3,577,415.

BANKS.

Chartered banks (September 30, 1899): Capital paid up, \$64,517,248; reserve fund, \$29,591,762; making total banking capital, \$94,110,000; circulation redemption fund, \$1,927,206. Total assets, \$427,870,875; total liabilities, \$331,908,896; notes in circulation, \$46,682,028; deposits, \$271,875,685; loans and discounts, \$289,418,281.

Deposits in savings banks (1898): Post-office, \$34,480,938; Government, \$15,630,181; special, \$15,482,100. Total, \$65,593,219.

RAILWAYS.

Canada has a network of railways, the total mileage of which at the end of June, 1898, was 16,870 miles.

FISHERIES.

The following is a statement of the money value of the fisheries within the Dominion of Canada, 1871-97 inclusive:

|           |                |           |                 |           |                 |
|-----------|----------------|-----------|-----------------|-----------|-----------------|
| 1871..... | \$7,573,199.85 | 1880..... | \$14,499,980.00 | 1889..... | \$17,655,256.00 |
| 1872..... | 9,579,116.05   | 1881..... | 15,817,163.00   | 1890..... | 17,725,000.00   |
| 1873..... | 10,547,402.44  | 1882..... | 16,824,092.00   | 1891..... | 18,979,000.00   |
| 1874..... | 11,631,886.20  | 1883..... | 16,958,192.00   | 1892..... | 18,942,000.00   |
| 1875..... | 10,350,385.29  | 1884..... | 17,776,404.24   | 1893..... | 20,636,661.00   |
| 1876..... | 11,117,000.00  | 1885..... | 17,722,973.18   | 1894..... | 20,719,573.00   |
| 1877..... | 12,005,934.00  | 1886..... | 18,672,288.00   | 1895..... | 20,185,298.00   |
| 1878..... | 13,215,686.00  | 1887..... | 18,386,103.00   | 1896..... | 20,407,424.00   |
| 1879..... | 13,529,153.00  | 1888..... | 17,418,510.00   | 1897..... | 22,783,546.00   |

GENERAL STATISTICS.

Post-offices (year ended June 30, 1898), 9,282; number of letters mailed, 163,128,000. Tonnage of sea-going vessels entered and cleared, 12,585,485 tons register; tonnage of shipping engaged in the coasting trade, 29,633,950 tons; tonnage of shipping engaged in the Great Lakes carrying between Canada and the United States, 12,160,631 tons registered, carrying as freight 2,432,084 tons weight and 488,716 tons measured; vessels built and registered, 278; tonnage, 24,522; light-houses, 816.

POPULATION OF CITIES, CENSUS OF 1891.

Montreal, 216,650; Toronto, 181,220; Quebec, 63,090; Hamilton, 48,980; Ottawa, 44,154; St. John, 39,179; Halifax, 38,556; London, 31,977; Winnipeg, 25,642; Kingston, 19,264; Victoria, B. C., 16,841; Vancouver, B. C., 13,685; St. Henri, 13,415; Brantford, 12,753; Charlottetown, 11,374; Hull, 11,265; Guelph, 10,539; St. Thomas, 10,370; Windsor, 10,322; Sherbrooke, 10,110; Belleville, 9,914; Peterboro, 9,717; Stratford, 9,501; St. Cune'gonde, 9,293; St. Catharines, 9,170; Chatham, Ont., 9,052; Brockville, 8,793; Moncton, 8,765; Woodstock, Ont., 8,612; Trois Rivières, 8,334; Galt, 7,535; Owen Sound, 7,497; Berlin, 7,425; Levis, 7,301; St. Hyacinthe, 7,016; Cornwall, 6,805; Sarnia, 6,693; Sorel, 6,669; New Westminster, 6,641; Fredericton, 6,502; Dartmouth, N. S., 6,249; Yarmouth, 6,089; Lindsay, 6,081; Barrie, 5,550; Valleyfield, 5,516; Truro, 5,102; Port Hope, 5,042.

These pages of Canadian statistics were prepared for THE WORLD ALMANAC for 1900 by George Johnson, Esq., F. S. S., Statistician of the Department of Agriculture, Dominion of Canada.

## China.

## THE OPENING OF THE EMPIRE TO COMMERCE.

(From the Report of the Bureau of Statistics of the Treasury Department, 1899.)

The more rapid development of the privileges of foreigners in China and of the introduction of modern commercial methods dates from the treaty of Shimonoeki, made between China and Japan in 1854 at the close of the war between those nations and followed by a commercial treaty in 1856. The important features of these treaties were that they opened the waters of the principal rivers and canals to citizens of other nations, giving foreigners the right to purchase goods or produce in the interior of China, to rent warehouses without the payment of special taxes or exactions, and to engage freely in all kinds of manufacturing industries in the treaty ports, also to import all kinds of machinery, paying only the stipulated import duties thereon and upon products manufactured by them in China, paying only such inland transit dues as are leviable on imported merchandise (the latter provision having been somewhat modified, however, by the commercial treaty).

While the China-Japan treaty specifically conferred these provisions only on Japanese subjects, they at once became applicable to the subjects of other nations having full treaty relations with China under the most favored nation principle. The prompt result of this was a movement from all parts of the business world in the direction of China, and the establishment of business and manufacturing industries, not only in the old treaty ports, but in the new ones which were opened by the Japanese treaty and by subsequent action of the Chinese Government. This was followed by other evidences of a disposition to adopt modern methods. The railroad from Peking to Tientsin was quickly completed by the Chinese Government, and agreements made looking to the construction by foreign capital of other lines thousands of miles in length, telegraphs were extended; electric roads, electric lights, and telephones introduced in the principal cities; mining and manufacturing concessions freely granted; the West River, which penetrates Southern China from Canton westward, was opened to commerce, and finally small steamers under foreign control were given permission to penetrate to the interior limits of navigation on all the rivers of the provinces containing treaty ports.

The effect of this is already seen in the establishment of factories and business houses, the construction of railroads, the extension and multiplication of steam navigation lines, and the opening of mines in the great sections where tin, iron and coal deposits are said to be the greatest in the known world.

## CONCESSIONS OBTAINED BY FOREIGN GOVERNMENTS

On November 4, 1897 the German Government seized the port of Kiaochau on the northeastern coast of China, asserting as the cause of its action the desire to obtain satisfaction for the murder of German missionaries by Chinese on November 1 of that year. This port was held by a German warship until the announcement of a treaty with China by which the port of Kiaochau and adjacent territory were leased to Germany for a term of ninety-nine years, the German Government being given the right to land troops, construct fortifications, and establish a coaling and naval station, while German subjects were to have the right to construct railways, open mines, and transact business in the rich mineral and agricultural province of Shantung in which Kiaochau is located. Chinese vessels, however, to have the same privileges in the port of Kiaochau that the German Government might decide to give to other nations.

One month later, on December 22, 1897 the Russian Government obtained permission for its naval squadron to winter at Port Arthur on the Liaotung Peninsula which it had with Germany and France in 1895 required Japan to abandon. On March 27, 1898 an agreement was signed by the Chinese Government by which Port Arthur and the adjacent port of Talienwan were leased for a term of twenty-five years to the Russian Government, the lease to be subsequently extended by mutual agreement. This lease included 800 square miles of territory and all harbors between Port Arthur and Talienwan, the harbor of Port Arthur and a part of Talienwan to be for the sole use of Russian and Chinese men of war, Russia to have the privilege of extending its trans-Siberian railroad through Manchuria to Port Arthur and Talienwan and to protect the same, during and after its construction, by Russian troops.

This action, by which the northern side of the entrance to the Gulf of Pechili leading to the capital of China was placed under control of Russia, being unsatisfactory to the British Government, a lease of the harbor of Weihaiwei, on the opposite or southern side of the entrance to the Gulf of Pechili was made to Great Britain on April 2 of the same year, 1898, the lease to be upon the same terms as that by which Port Arthur was granted to Russia and to continue as long as Russia should occupy the peninsula of Liaotung. Weihaiwei was occupied by Great Britain May 21, 1898, permission being given also to occupy the islands of the Bay of Luking and a strip of land 10 miles broad along its entire length with the privilege of erecting fortifications and occupying the adjacent coast for military and naval purposes, the walled city of Weihaiwei lying within these limits, however, to remain under control of the Chinese Government. On June 9, 1898, a lease was also made by England of an area of about 200 square miles on the mainland opposite its island of Hong Kong and surrounding the Chinese city of Kowloon, which city, however, was to remain under Chinese jurisdiction, the lease to continue for a term of ninety-nine years.

The concessions of territory to Germany, Russia and England led to a demand for similar privileges by the French Government, and on April 13, 1898 the Chinese Government leased to France the harbor of T'wangchauwan, in the Leitchan Peninsula on the southern coast, near to the French possession of Tonkin, and protecting in some degree the Gulf of Tonkin. This lease was also accompanied by the privilege of connecting the French territory of Tonkin with the Chinese province of Yunnan and the city of Yunnanfu, the harbor of Kwangchauwan to be used as a naval station. The lease was for ninety-nine years and similar in terms to that made with the German Government for Kiaochau, carrying with it exclusive mining privileges in the area to be traversed by the proposed railroads. In view of this agreement, Great Britain therefore assumes that she has now the right to extend her Burmese railroads to the province of Yunnan, in southwest China, through an agreement made with China January 15, 1896, by which all privileges to France or Great Britain in the provinces of Yunnan and Szechuan should be given to both countries.

These concessions to Germany, Russia, Great Britain and France which followed each other so rapidly in 1897 and 1898, were followed in March, 1899, by a demand by the Italian Government for similar privileges at the port of San Mun, and in April, 1899, somewhat similar demands are reported to have been made by Japan regarding certain territory on the coast opposite her island of Formosa.

In all of the above cases the countries obtaining possession of these ports have announced that at least a portion of each port will be freely open to the commerce of all nations (Port Arthur excepted), and the German Government has already arranged for the location of Chinese custom-houses at the docks which it is building at Kiaochau in order to permit goods passing to or from the interior of China to be examined and pay duty at that point, and a re-examination at the limits of the German territory thus obviated.



### Australian Federation.

MOVEMENT for a federation of the Australian colonies began as far back as 1852, but the first convention having that purpose in view was held at Hobart in January, 1886. The colonies represented were Victoria, Queensland, Tasmania, Western Australia, and Fiji. South Australia sent a representative to a subsequent meeting. This effort was abortive, but another conference took place in 1891 at Sydney, N. S. W., which was attended by seven delegates from each of the colonies, except New Zealand, which sent three. Sir Henry Parkes, the Australian statesman, took an active part in the proceedings. A plan of federal government was proposed, which resembled in many of its features that of the United States. A draft bill to constitute the "Commonwealth of Australia" was adopted by the convention, and it was agreed to submit it to the approval of the individual legislatures of the several colonies. This bill met with success in the lower branch of but one colonial legislature—that of Victoria.

There was a conference of premiers of five Australian colonies held at Hobart in January, 1895, and the legislative assembly of New South Wales passed a federal enabling act in November of that year, and notice of motion was given in other parliaments to bring in a similar bill. But the first practical movement toward federation was effected early in 1898. A convention of representatives of five colonies—New South Wales, Victoria, Tasmania, South Australia, and Western Australia (Queensland and New Zealand not represented)—succeeded in drafting a constitution, which was submitted to the popular vote of each of these colonies in June. The constitution provided for a governor-general appointed by the Crown, a federal parliament composed of the Crown, represented by the governor-general, a senate, and a house of representatives. The powers of the parliament were set forth in thirty-nine articles, and covered trade with other countries, taxation, coinage, weights and measures, foreign corporations, pensions, arbitration, etc. Free trade between the states was recognized. The effort received a check in 1898 by the unwillingness of New South Wales. But by a popular vote in 1899 all six of the contracting colonies, New South Wales, Victoria, South Australia, Queensland, Western Australia, and Tasmania, gave their adhesion to the plan. New Zealand is not included, but will be taken in later, as will probably Fiji and British New Guinea. The assent of the Parliament of Great Britain will be necessary, but that will not be denied, and the confederation will doubtless present itself to Parliament when the South African war is over.

The following table shows the population and area of the several colonies of which it is proposed to make a nation. The figures are from the census of 1891:

| COLONIES.              | Area in Square Miles. | Population. | COLONIES.               | Area in Square Miles. | Population. |
|------------------------|-----------------------|-------------|-------------------------|-----------------------|-------------|
| New South Wales.....   | 310,700               | 1,132,234   | Tasmania.....           | 26,215                | 146,667     |
| Victoria.....          | 87,884                | 1,140,405   | New Zealand.....        | 104,032               | 626,658     |
| South Australia.....   | 903,690               | 320,431     | Fiji.....               | 7,423                 | 125,402     |
| Queensland.....        | 668,497               | 393,718     | British New Guinea..... | 234,768               | 350,000     |
| Western Australia..... | 303,690               | 49,782      | Total.....              | 3,246,729             | 4,285,297   |

### Division of Africa AMONG THE EUROPEAN POWERS.

|   | Area.     | Population. |   | Area.     | Population. |
|---|-----------|-------------|---|-----------|-------------|
| BRITISH AFRICA: Basutoland, Bechuanaland Protectorate, Cape Colony, Central Africa, East Africa Protectorate, Uganda Protectorate, Zanzibar Protectorate, Mauritius, Natal, Niger Coast Protectorate, Territory of the Royal Niger Company, South Africa, West Africa, Zululand and Islands*..... | 2,417,755 | 39,833,953  | GERMAN AFRICA: Togoland, Cameroons, South West Africa, East Africa.....           | 920,620   | 10,200,000  |
| FRENCH AFRICA: Algeria, Senegal, French Sudan and the Niger, Gabon and Guinea Coast, Congo Region, Somali Coast, Madagascar and Islands.....  | 1,232,454 | 18,073,890  | ITALIAN AFRICA: Eritrea, Somaliland.....  | 273,500   | 850,000     |
|   |           |             | PORTUGUESE AFRICA: Angola, the Congo, Guinea, East Africa and Islands.....        | 735,304   | 4,431,970   |
|   |           |             | SPANISH AFRICA: Rio de Oro, Adrar, Fernando Po and Islands..                      | 243,877   | 136,000     |
|   |           |             | TURKISH AFRICA: Tripoli and the Mediterranean Coast, Egypt*..                     | 798,738   | 8,117,265   |
|   |           |             | CONGO INDEPENDENT STATE. (Under the sovereignty of the King of the Belgians)..... | 900,000   | 30,000,000  |
|   |           |             | Total.....  | 7,697,548 | 113,243,070 |

\* Egypt and the Egyptian Sudan, although nominally under the suzerainty of Turkey, are really controlled by Great Britain, and it is only a matter of time as to when they will be incorporated into the British Empire. Adding Egypt and the Sudan to the Empire would increase the figures above given to 2,817,755 square miles and 46,651,218 population.

The two Boer South African republics are not included in the British area, although Great Britain claims suzerainty and is fighting to establish it or for complete absorption.

The remaining territory of Africa unoccupied is a part of the great Desert of Sahara and the Independent States of Abyssinia and Liberia. Even this territory, except the last, is destined to pass under the power of the Europeans. The tabular figures are from "The Statesman's Year-Book."

Egyptian (British) and French territory in the Sudan, according to British claims, touch along the line of the 27th degree of latitude. Prior to the revolt of the Mahdi in 1882 Egypt claimed Darfur, Kordofan, Senaar, Taka, the Equatorial Province, and the Bahr-el-Ghazal Province. Though authority over these was lost by the success of the Mahdi, Egypt did not relinquish her claim, and her full authority was resumed by the victories of General Kitchener in 1898. The French were disposed to dispute these claims and assert a right to territory as far east as the banks of the Nile, thus covering the Bahr-el-Ghazal Province. Hence the appearance of Major Marchand at Fashoda on the Nile, many miles south of Khartoum. But this position the French have now abandoned.

## Central and South American Trade.

## IMPORTS AND EXPORTS.

| COUNTRIES.            |                    |               | COUNTRIES.      |                  |              |
|-----------------------|--------------------|---------------|-----------------|------------------|--------------|
| Year                  | Imports.           | Exports.      | Year            | Imports.         | Exports.     |
| Argentine Republic .. | 1898 \$107,428,900 | \$133,829,458 | Haiti .....     | 1897 \$5,262,798 | \$12,549,848 |
| Bolivia .....         | 1897 10,840,000    | 10,242,000    | Honduras .....  | 1898 1,166,441   | 1,255,952    |
| Brazil .....          | 1895 145,900,000   | 171,200,000   | Mexico .....    | 1898 50,869,194  | 138,478,137  |
| Chile .....           | 1898 102,262,008   | 168,069,431   | Nicaragua ..... | 1897 2,789,366   | 3,095,231    |
| Colombia .....        | 1897 18,136,598    | 16,820,411    | Paraguay .....  | 1897 2,303,359   | 1,555,803    |
| Costa Rica .....      | 1898 4,258,896     | 5,659,218     | Peru .....      | 1898 7,849,765   | 13,527,066   |
| Dominican Republic .. | 1897 1,824,375     | 2,709,805     | Salvador .....  | 1896 1,650,444   | 3,690,276    |
| Ecuador .....         | 1897 7,525,692     | 12,968,609    | Uruguay .....   | 1898 24,784,356  | 30,276,914   |
| Guatemala .....       | 1898 3,880,668     | 15,377,460    | Venezuela ..... | 1897 13,241,000  | 17,996,952   |

The above returns, and those of population following, were furnished THE WORLD ALMANAC by the Director of the Bureau of the American Republics, Washington, D. C.

## POPULATION ACCORDING TO LATEST ESTIMATES.

|                                     |            |                                     |            |
|-------------------------------------|------------|-------------------------------------|------------|
| Argentine Republic (official) ..... | 4,000,000  | Honduras (estimate) .....           | 420,000    |
| Bolivia (estimate) .....            | 2,500,000  | Mexico (official) .....             | 12,570,196 |
| Brazil (official) .....             | 18,000,000 | Nicaragua (estimate) .....          | 420,000    |
| Chile (official) .....              | 3,500,000  | Paraguay (estimate) .....           | 600,000    |
| Colombia (estimate) .....           | 4,600,000  | Peru (estimate) .....               | 3,600,000  |
| Costa Rica (official) .....         | 309,683    | Salvador (official) .....           | 800,500    |
| Ecuador (estimate) .....            | 1,800,000  | Dominican Republic (estimate) ..... | 600,000    |
| Guatemala (official) .....          | 1,535,632  | Uruguay (official) .....            | 840,750    |
| Haiti (estimate) .....              | 1,211,625  | Venezuela (official) .....          | 2,444,816  |

The Bureau of the American Republics at Washington was established under the recommendation of the late International American Conference, for the prompt collection and distribution of commercial information concerning the American Republics. It publishes translations of the tariffs of the countries of Latin America reduced to the United States equivalents; also handbooks of these countries, and a monthly bulletin containing the latest information respecting their resources, commerce, and general features. Replies are also furnished to inquiries in relation to the commercial and other affairs of the countries, and items of news giving recent laws of general interest, development of railways, agriculture, mines, manufactures, shipping, etc., are given to the press. The Bureau is sustained by contributions from the several American Republics in proportion to their population. The Director is William Woodville Rockhill, and Chief Clerk Williams C. Fox.

## National League for Good Roads.

ORGANIZED 1892. *Acting President and Vice-President*—General Roy Stone, Washington, D. C. *Acting Secretary*—Charles Freeman Johnson, San Francisco, Cal. *General Western Secretary*—S. Thornton K. Prime, Dwight, Ill. *General Eastern Secretary*—E. G. Harrison, C. E., Washington, D. C. Department of Agriculture. The purposes of the League are "to awaken general interest in the improvement of public roads, determine the best methods of building and maintaining them, secure the legislation, State or National, that may be necessary for their establishment and support, and conduct or foster such publications as may serve these purposes."

The State and Interstate Good Roads and Improvement Association, a Western organization, is also doing good work. The officers are William H. Moore, St. Louis, Mo., President; R. C. Harki, Trenton, Mo., Secretary, and with its numerous auxiliaries it has 100,000 members.

## League of American Wheelmen.

*President*—Thomas J. Keenan, Jr., Pittsburgh, Pa.; *First Vice-President*—Herbert W. Foltz, Indianapolis, Ind.; *Second Vice-President*—Robert T. Kingsbury, Keene, N. H.; *Treasurer*—J. C. Tattersall, Box 329, Trenton, N. J.; *Secretary*—Abbot Bassett, 530 Atlantic Avenue, Boston, Mass. *Racing Board*—Fred. Gerlach, Chicago, Ill.; Arthur W. Robinson, Boston, Mass.; C. A. Dimon, Philadelphia, Pa.; J. W. Brigman, Louisville, Ky.; W. I. Doty, Denver, Col.; W. B. Curtis, New York City.

Any amateur (white) wheelman, of good character, eighteen years of age or over, with the indorsement of two League members, is eligible to membership. Dues are \$2 first year, and \$1 subsequent years. Members have privileges obtained by Cyclists' Touring Club, in Europe, and by Canadian Wheelmen's Association, in Canada.

## State Constitutions.

## DATES OF PRESENT STATE CONSTITUTIONS.

| STATES.           | Year. | STATES.             | Year. | STATES.              | Year. | STATES.              | Year. |
|-------------------|-------|---------------------|-------|----------------------|-------|----------------------|-------|
| Alabama .....     | 1875  | Kansas .....        | 1859  | Nevada .....         | 1864  | South Carolina ..... | 1895  |
| Arkansas .....    | 1874  | Kentucky .....      | 1891  | New Hampshire .....  | 1793  | South Dakota .....   | 1889  |
| California .....  | 1879  | Louisiana .....     | 1898  | New Jersey .....     | 1844  | Tennessee .....      | 1870  |
| Colorado .....    | 1876  | Maine .....         | 1875  | New Mexico Ter. .... | 1850  | Texas .....          | 1846  |
| Connecticut ..... | 1818  | Maryland .....      | 1767  | New York .....       | 1784  | Utah .....           | 1896  |
| Delaware .....    | 1897  | Massachusetts ..... | 1780  | North Carolina ..... | 1875  | Vermont .....        | 1793  |
| Florida .....     | 1885  | Michigan .....      | 1850  | North Dakota .....   | 1889  | Virginia .....       | 1869  |
| Georgia .....     | 1877  | Minnesota .....     | 1858  | Ohio .....           | 1851  | Washington .....     | 1889  |
| Idaho .....       | 1890  | Mississippi .....   | 1891  | Oregon .....         | 1859  | West Virginia .....  | 1872  |
| Illinois .....    | 1870  | Missouri .....      | 1875  | Pennsylvania .....   | 1753  | Wisconsin .....      | 1848  |
| Indiana .....     | 1851  | Montana .....       | 1889  | Rhode Island .....   | 1842  | Wyoming .....        | 1889  |
| Iowa .....        | 1857  | Nebraska .....      | 1875  |                      |       |                      |       |

\* New Jersey Constitution was adopted June 29, 1844, amended September 28, 1875. † New York Constitution was adopted November 6, 1894, and became operative January 1, 1895. ‡ Pennsylvania Constitution was adopted November 3, 1873, and became operative January 1, 1874. § Organic act.

## Mexico.

President (Salary, \$50,000).....GENERAL PORFIRIO DIAZ.

## MINISTRY.

The salary of each member of the Cabinet is \$15,000.

Secretary of Foreign Affairs—Señor Don Ignacio Mariscal.

Secretary of the Interior—Señor General Don Manuel G. Cosío.

Secretary of Justice and Public Instruction—Señor Don Joaquín Baranda.

Secretary of Improvements—Señor Don Manuel Fernández Leal.

Secretary of Finances—Señor Don José Ives Limantour.

Secretary of War and Navy—Señor General Don Felipe B. Berriozabal.

Secretary of Communications and Commerce—Señor General Don Francisco Z. Mena.

## AREA, POPULATION, CONSTITUTION, AND GOVERNMENT.

| STATES AND TERRITORIES. | Area Square Miles. | Popula-tion. | Capitals.        | STATES AND TERRITORIES. | Area Square Miles. | Popula-tion. | Capitals.        |
|-------------------------|--------------------|--------------|------------------|-------------------------|--------------------|--------------|------------------|
| Aguas Calientes.        | 2,951              | 103,645      | Aguas Calientes. | Queretaro.....          | 3,558              | 227,233      | Queretaro.       |
| Campeche.....           | 18,041             | 88,121       | Campeche.        | San Luis Potosí..       | 25,223             | 570,814      | San Luis Potosí. |
| Chiapas.....            | 27,230             | 315,120      | San Cristobal.   | Sinaloa.....            | 33,681             | 258,845      | Cullacan.        |
| Chihuahua.....          | 87,828             | 265,851      | Chihuahua.       | Sonora.....             | 76,922             | 191,281      | Hermosillo.      |
| Coahuila.....           | 62,375             | 235,533      | Coahuila.        | Tabasco.....            | 10,075             | 134,794      | S. Juan Bautista |
| Colima.....             | 2,273              | 55,677       | Colima.          | Tamaulipas.....         | 32,585             | 208,102      | Ciudad Victoria. |
| Durango.....            | 38,020             | 294,366      | Durango.         | Tepic (Ter.).....       | 11,279             | 148,776      | Tepic.           |
| Guanajuato.....         | 11,374             | 1,047,238    | Guanajuato.      | Tlaxcala.....           | 1,595              | 166,803      | Tlaxcala.        |
| Hidalgo.....            | 25,003             | 417,621      | Chilpancingo.    | Vera Cruz.....          | 29,210             | 855,975      | Vera Cruz.       |
| Jalisco.....            | 8,920              | 548,039      | Pachuca.         | Yucatán.....            | 35,214             | 296,039      | Merida.          |
| Jalisco.....            | 31,855             | 1,107,863    | Guadalajara.     | Zacatecas.....          | 24,764             | 452,720      | Zacatecas.       |
| Mexico.....             | 9,250              | 837,737      | Toluca.          | L. California(Ter)      | 58,345             | 42,345       | La Paz.          |
| Michoacán.....          | 23,851             | 889,795      | Morelia.         | Federal District.       | 463                | 484,608      | City of Mexico.  |
| Morelos.....            | 2,774              | 159,800      | Cuernavaca.      | Islands.....            | 1,561              | .....        | .....            |
| Nuevo Leon.....         | 24,324             | 309,252      | Monterey.        | Total.....              | 767,316            | 12,578,861   |                  |
| Oaxaca.....             | 35,362             | 882,523      | Oaxaca.          |                         |                    |              |                  |
| Puebla.....             | 12,207             | 913,723      | Puebla.          |                         |                    |              |                  |

The present Constitution of Mexico bears date February 5, 1857, with subsequent amendments. By its terms Mexico is considered a Federative Republic, divided into States, nineteen at the outset, but at present twenty-seven in number, with two Territories and one Federal District, each having a right to manage its own local affairs, while the whole are bound together in one body politic by fundamental and constitutional laws. The powers of the Federal Government are divided into three branches—the legislative, executive, and judicial. The legislative power is vested in a Congress, consisting of a House of Representatives and a Senate; the executive in a President, and the judicial in Federal Courts. Representatives elected by the suffrage of all male adults, at the rate of one member for 40,000 inhabitants, hold their places for two years. The qualifications requisite are to be twenty-five years of age and a resident in the State. The Senate consists of two members from each State, of at least thirty years of age, who hold their places for four years. Senators are elected indirectly, half of them being renewed every two years. The members of both Houses receive salaries of \$3,000 each a year.

The President is elected by electors popularly chosen in a general election, holds office for four years, and, according to the last Amendment of the Constitution, there will be no prohibition to his re-election. In case of his sudden disability, the Secretary of Foreign Affairs officiates in his place; in case of leave, death, or permanent disability, Congress elects a pro tempore President, who acts until, in either of the two last cases, a President is elected by the people. Congress has to meet annually from September 16 to December 15, and from April 1 to May 31, and a permanent committee of both Houses sits during the recesses.

## FINANCE AND COMMERCE.

The Federal revenue collected during the fiscal year ended June 30, 1899, exceeded \$59,000,000; disbursements were about \$52,000,000; value of imports year ended June 30, 1899, \$50,869,194; value of exports, \$148,453,834.

## ARMY AND NAVY.

The army consists of infantry, 22,964; engineers, 766; artillery, 2,304; cavalry, 8,454; rural guards of police, 2,365; gendarmerie, 250; total, 37,103. There are over 3,000 officers. There is a fleet of two unarmored gun-vessels, each of 450 tons and 600 horse-power, and armed with 20-pounders, one training-ship of 1,221 tons armed with four 4.72-guns, two 57 m-m guns and two 32 m-m guns, and three small gunboats.

## NATIONAL DEBT.

The external debt, contracted in London, is £16,500,000, and the total debt of the country was in 1897, in gold, \$114,675,895.49; in silver, \$88,549,111.80. Total, \$203,225,067.34.

## INTERNAL IMPROVEMENTS.

Miles of railway in operation, 8,307; miles of telegraph line, about 42,500; post-offices, 1,770.

This information about Mexico, compiled mainly from the bulletins of the Bureau of American Republics, Washington, D. C., was corrected to date for THE WORLD ALMANAC at the office of the Mexican Embassy at Washington.

## Largest Cities of the Earth.

POPULATION ACCORDING TO THE LATEST OFFICIAL CENSUSES.

| CITIES.                  | Cen-<br>sus<br>Year. | Popula-<br>tion. | CITIES.             | Cen-<br>sus<br>Year. | Popula-<br>tion. | CITIES.                 | Cen-<br>sus<br>Year. | Popula-<br>tion. |
|--------------------------|----------------------|------------------|---------------------|----------------------|------------------|-------------------------|----------------------|------------------|
| London                   | 1891                 | 4,211,056        | Dublin              | 1891                 | 245,001          | Toulon                  | 1896                 | 149,963          |
| New York (Greater)*      | est.                 | 3,300,000        | Nagoya, Japan       | 1895                 | 242,075          | Altona, Prussia         | 1895                 | 148,944          |
| Paris                    | 1893                 | 2,936,834        | New Orleans         | 1890                 | 219,039          | Almadabad               | 1891                 | 148,812          |
| Batavia                  | 1895                 | 1,877,504        | Pittsburgh          | 1890                 | 278,511          | Providence              | 1895                 | 145,472          |
| Canton                   | est.                 | 1,000,000        | Bucharest           | 1894                 | 932,600          | Bahad                   | est.                 | 145,000          |
| Vienna                   | 1891                 | 1,234,548        | Washington          | 1890                 | 230,392          | Brester                 | 1892                 | 144,834          |
| Tokio, Japan             | 1896                 | 1,299,941        | San Paulo, Brazil   | 1890                 | 230,000          | Seville                 | 1887                 | 143,182          |
| St. Petersburg           | 1897                 | 1,267,028        | Frankfort-on-Main   | 1895                 | 229,279          | Bremen                  | 1895                 | 141,894          |
| Philadelphia (municipal) | 1892                 | 1,142,532        | Genoa               | 1897                 | 228,832          | Stettin                 | 1895                 | 140,724          |
| Chicago                  | 1890                 | 1,097,860        | Bristol, England    | 1891                 | 227,578          | Omaha                   | 1890                 | 140,452          |
| Peking                   | est.                 | 1,000,000        | Hong Kong           | 1891                 | 251,431          | St. Paul                | 1895                 | 140,292          |
| Moscow                   | 1897                 | 988,674          | Benares             | 1891                 | 219,447          | Fez, Morocco            | est.                 | 140,000          |
| Brooklyn*                | 1892                 | 957,162          | Montreal            | 1891                 | 215,520          | Eiberfeld               | 1895                 | 139,337          |
| Constantinople           | 1895                 | 873,500          | Bradford, England   | 1891                 | 215,351          | Oporto                  | 1890                 | 138,860          |
| Calcutta                 | 1891                 | 861,794          | Lille               | 1886                 | 215,876          | Saratoff, Russia        | 1897                 | 137,109          |
| Bombay                   | 1891                 | 821,754          | Newark, N. J.       | 1895                 | 215,305          | Ambay, India            | 1891                 | 136,766          |
| Buenos Ayres             | 1895                 | 663,854          | Madras              | 1895                 | 219,324          | St. Etienne             | 1896                 | 136,030          |
| Warsaw                   | 1897                 | 638,209          | Nottingham          | 1891                 | 213,477          | Strasbourg              | 1895                 | 135,608          |
| Hamburg                  | 1895                 | 625,532          | Teheran             | 1891                 | 210,000          | Malaga                  | 1887                 | 134,016          |
| Glasgow                  | 1891                 | 618,662          | Florence            | 1897                 | 208,540          | Adelphi                 | 1891                 | 133,220          |
| Cairo, Egypt             | 1897                 | 570,062          | Hanover             | 1895                 | 205,255          | Kansas City             | 1890                 | 132,715          |
| Brussels                 | 1898                 | 551,011          | Detroit             | 1890                 | 205,879          | Charlottenburg, Prussia | 1895                 | 132,377          |
| Naples                   | 1897                 | 504,973          | West Ham, England   | 1891                 | 204,903          | Kazan                   | 1897                 | 131,503          |
| Rio de Janeiro           | 1890                 | 522,651          | Milwaukee           | 1890                 | 204,438          | Oldham                  | 1891                 | 131,463          |
| Liverpool                | 1891                 | 517,940          | Hull                | 1891                 | 200,044          | Sunderland              | 1891                 | 131,015          |
| Buda-Pesth               | 1891                 | 508,763          | Bangkok, Siam       | est.                 | 200,000          | Catania                 | 1887                 | 129,651          |
| Manchester, England      | 1891                 | 508,368          | Damascus            | est.                 | 200,000          | Lardiff                 | 1891                 | 128,915          |
| Osaka, Japan             | 1896                 | 539,699          | Seoul, Korea        | est.                 | 200,000          | Lomburg                 | 1891                 | 128,464          |
| Amsterdam                | 1897                 | 508,285          | Smyrna              | 1895                 | 200,000          | Colombo                 | 1891                 | 127,896          |
| Boston                   | 1895                 | 494,205          | Havana              | 1897                 | 198,270          | Al ppo                  | est.                 | 127,000          |
| Melbourne                | 1891                 | 490,203          | Salford, England    | 1891                 | 198,139          | Barmen                  | 1895                 | 126,992          |
| Rome                     | 1897                 | 487,096          | The Hague           | 1897                 | 196,285          | Dantzig                 | 1895                 | 126,605          |
| Birmingham, England      | 1891                 | 478,113          | Minneapolis         | 1895                 | 192,375          | Roubaix                 | 1896                 | 124,661          |
| Milan                    | 1897                 | 470,585          | Delhi               | 1891                 | 192,879          | Nantes                  | 1896                 | 123,902          |
| Madrid                   | 1887                 | 470,293          | Mandelay            | 1891                 | 188,115          | Abe den                 | 1891                 | 123,327          |
| Lyons                    | 1896                 | 466,028          | Cawopore            | 1891                 | 188,192          | Valparaiso              | 1895                 | 122,447          |
| Madras                   | 1891                 | 452,518          | Newcastle           | 1891                 | 168,900          | Eknite iuslav           | 1897                 | 121,216          |
| St. Louis                | 1890                 | 451,770          | Kobe, Japan         | 1896                 | 184,192          | Bar Hiy, I. d. a        | 1891                 | 121,039          |
| Marseilles               | 1896                 | 449,239          | Prague              | 1891                 | 184,709          | Cot borg, Sweden        | 1897                 | 120,552          |
| Baltimore                | 1890                 | 434,440          | Jersey City         | 1895                 | 182,867          | Blackburn               | 1891                 | 120,064          |
| Hyderabad                | 1891                 | 415,093          | Tonpoo              | 1891                 | 181,290          | Lyons                   | 1895                 | 120,000          |
| Munich                   | 1895                 | 408,367          | Bangalore           | 1891                 | 180,295          | Byron                   | est.                 | 120,000          |
| Odessa                   | 1897                 | 406,441          | Kangoon             | 1891                 | 180,224          | Rostov-on-Don           | 1897                 | 119,889          |
| Leipzig                  | 1895                 | 399,573          | Tabriz, Persia      | 1891                 | 180,000          | Havr                    | 1896                 | 119,470          |
| Sydney                   | 1891                 | 389,390          | Yokohama            | 1896                 | 177,502          | Meerut                  | 1891                 | 119,390          |
| Shanghai                 | est.                 | 380,000          | Lahore              | 1891                 | 176,254          | Srinagar                | 1891                 | 118,960          |
| Breslau                  | 1895                 | 373,189          | Dusseldorf          | 1895                 | 175,885          | Nagpur                  | 1891                 | 117,014          |
| Leeds                    | 1891                 | 367,505          | Alahabad            | 1891                 | 175,246          | Howrah, India           | 1891                 | 116,606          |
| Turin                    | 1897                 | 351,835          | Kharhoff, Russia    | 1897                 | 174,843          | Baroda                  | 1891                 | 116,420          |
| Mexico City              | 1895                 | 344,377          | Leicester           | 1891                 | 174,894          | Halle-on-Saal           | 1895                 | 116,304          |
| Kioto, Japan             | 1896                 | 341,101          | Bahia               | 1899                 | 174,419          | Frighton                | 1891                 | 115,873          |
| Dresden                  | 1895                 | 338,440          | Konigsberg          | 1895                 | 172,898          | Brenswick, Germany      | 1895                 | 115,133          |
| St. Paul                 | 1891                 | 324,433          | Valencia            | 1897                 | 170,762          | Bolton                  | 1891                 | 115,002          |
| Cologne                  | 1895                 | 321,584          | Agra                | 1891                 | 137,662          | Graz                    | 1891                 | 113,540          |
| Alexandria               | 1897                 | 319,780          | Liege               | 1895                 | 167,005          | Ronau                   | 1895                 | 113,219          |
| Loz, Poland              | 1897                 | 318,209          | Patna               | 1891                 | 165,182          | Asrakhabad              | 1897                 | 113,001          |
| Copenhagen               | 1890                 | 319,573          | Nuremberg           | 1895                 | 162,588          | Perambuco               | 1890                 | 111,556          |
| Lisbon                   | 1890                 | 301,206          | Poons               | 1891                 | 161,260          | Athens                  | 1896                 | 111,386          |
| San Francisco            | 1890                 | 298,997          | Louisville          | 1890                 | 161,139          | Dortmund, Germany       | 1895                 | 111,232          |
| Rotterdam                | 1897                 | 294,433          | Ghent               | 1895                 | 161,175          | Tels, Russia            | 1897                 | 111,048          |
| Cincinnati               | 1890                 | 296,908          | Chemnitz            | 1895                 | 161,017          | Aachen                  | 1895                 | 110,551          |
| Stockholm                | 1897                 | 288,602          | Vilna               | 1897                 | 159,508          | Sarat                   | 1891                 | 109,229          |
| Palermo                  | 1897                 | 287,972          | Portsmouth, England | 1891                 | 159,251          | Kishuif                 | 1887                 | 108,796          |
| Riga                     | 1897                 | 282,943          | Jaipur              | 1891                 | 158,905          | Rheims                  | 1896                 | 107,963          |
| Buffalo*                 | 1892                 | 278,796          | Frieste             | 1891                 | 158,354          | Hiroshima               | 1896                 | 107,635          |
| Yoknow                   | 1891                 | 273,028          | Stuttgart           | 1895                 | 158,281          | Frankfurt               | 1891                 | 107,573          |
| Barcelona                | 1887                 | 271,881          | Venice              | 1897                 | 158,899          | Krefeld                 | 1895                 | 107,245          |
| Antwerp                  | 1898                 | 271,284          | Dundee              | 1891                 | 155,971          | Danya                   | 1890                 | 106,713          |
| Edinburgh                | 1891                 | 264,799          | Manila, Philippines | 1897                 | 154,062          | Indianapolis            | 1890                 | 105,436          |
| Cleveland                | 1890                 | 261,352          | Bologna             | 1897                 | 153,203          | Alpheny                 | 1890                 | 105,287          |
| Bordeaux                 | 1896                 | 256,906          | Tunis               | est.                 | 153,000          | Kanachi                 | 1891                 | 105,199          |
| Santiago, Chile          | 1895                 | 256,403          | Messina             | 1897                 | 152,648          | Leighon                 | 1897                 | 104,536          |
| Belfast                  | 1891                 | 255,950          | Zurich              | 1897                 | 151,964          | Gwalior                 | 1891                 | 104,083          |
| Montevideo               | est.                 | 248,251          | Kristiania          | 1891                 | 151,239          | Lima                    | 1891                 | 103,956          |
| Kief                     | 1897                 | 247,432          | Salonic, Turkey     | est.                 | 150,000          | Johannesburg            | 1896                 | 102,078          |

\* New York State census of 1892. The population of the territory embraced within the limits of "Greater New York" is about 3,300,000. The New York suburbs of New York have a population of about 500,000, which is not included in the estimate. † There has been no official census of Chicago since 1890. For the present Mayor's estimate see page 395. ‡ Official estimate. The statistics of population of largest cities of the earth other than those of the United States have been taken mainly from the "Statesman's Year-Book" for 1899. For cities of the United States see page 294.

NOTE.—The population of Chinese cities other than Canton, Peking, and Shanghai is omitted, because reports respecting it are utterly untrustworthy. There are forty or more Chinese cities whose inhabitants are numbered by rumor at from 200,000 to 1,000,000 each, but no official censuses have ever been taken; and setting aside consideration of the Oriental tendency to exaggeration, there is reason to believe that the estimates of population in many instances covered districts of country bearing the same names as the cities, instead of definite municipalities.

Population of the United States,\*

AT EACH CENSUS FROM 1790 TO 1890.

(Compiled from the Reports of the Superintendents of the Census.)

| STATES AND TERRITORIES. | 1810.     | 1820.     | 1830.      | 1840.      | 1850.      | 1860.      | 1870.      | 1880.      | 1890.      |
|-------------------------|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|
| Alabama .....           | .....     | 127,901   | 309,527    | 590,756    | 771,623    | 964,201    | 996,992    | 1,262,565  | 1,513,017  |
| Arizona .....           | .....     | .....     | .....      | .....      | .....      | .....      | .....      | 40,440     | 59,620     |
| Arkansas .....          | .....     | 14,255    | 30,388     | 97,574     | 209,597    | 435,450    | 484,471    | 802,525    | 1,132,179  |
| California .....        | .....     | .....     | .....      | .....      | 92,597     | 379,994    | 560,247    | 864,694    | 1,206,130  |
| Colorado .....          | .....     | .....     | .....      | .....      | .....      | .....      | .....      | 194,527    | 419,138    |
| Connecticut .....       | 261,949   | 275,148   | 297,675    | 309,978    | 370,792    | 460,347    | 537,434    | 622,700    | 746,238    |
| Dakota .....            | .....     | .....     | .....      | .....      | .....      | .....      | .....      | 156,177    | .....      |
| Delaware .....          | 73,674    | 72,749    | 76,748     | 73,055     | 91,532     | 112,216    | 125,015    | 136,608    | 168,493    |
| D. of Columbia .....    | 24,023    | 32,039    | 39,824     | 43,712     | 51,687     | 75,083     | 121,700    | 177,634    | 230,392    |
| Florida .....           | .....     | .....     | .....      | .....      | .....      | .....      | .....      | 269,493    | 391,422    |
| Georgia .....           | 252,423   | 340,985   | 516,823    | 691,392    | 906,185    | 1,057,295  | 1,184,709  | 1,542,180  | 1,837,333  |
| Idaho .....             | .....     | .....     | .....      | .....      | .....      | .....      | .....      | 32,610     | 84,355     |
| Illinois .....          | 12,382    | 55,162    | 197,445    | 476,183    | 851,470    | 1,711,951  | 2,539,891  | 3,077,371  | 3,826,331  |
| Indiana .....           | 24,530    | 147,178   | 343,031    | 685,866    | 988,416    | 1,530,428  | 1,980,657  | 1,978,301  | 2,192,404  |
| Iowa .....              | .....     | .....     | .....      | 43,112     | 192,214    | 674,913    | 1,194,070  | 1,624,613  | 1,911,586  |
| Kansas .....            | .....     | .....     | .....      | .....      | .....      | .....      | .....      | 996,096    | 1,427,086  |
| Kentucky .....          | 406,511   | 564,135   | 687,017    | 774,828    | 952,405    | 1,155,634  | 1,281,011  | 1,642,690  | 1,856,635  |
| Louisiana .....         | 76,536    | 152,623   | 215,739    | 232,411    | 517,763    | 708,002    | 726,915    | 939,346    | 1,185,587  |
| Maine .....             | 1229,705  | 238,286   | 399,455    | 501,492    | 583,169    | 628,279    | 626,913    | 648,936    | 661,005    |
| Maryland .....          | 380,546   | 407,350   | 447,440    | 474,019    | 583,934    | 687,049    | 731,834    | 924,843    | 1,042,390  |
| Massachusetts .....     | 473,043   | 523,159   | 610,438    | 737,369    | 904,514    | 1,231,066  | 1,457,351  | 1,738,265  | 2,238,943  |
| Michigan .....          | 4,762     | 8,769     | 31,659     | 212,267    | 397,654    | 714,113    | 1,144,459  | 1,636,857  | 2,000,399  |
| Minnesota .....         | .....     | .....     | .....      | .....      | 6,077      | 172,423    | 459,765    | 784,773    | 1,301,826  |
| Mississippi .....       | 40,252    | 75,443    | 136,321    | 375,651    | 606,525    | 791,305    | 837,322    | 1,131,597  | 1,280,660  |
| Missouri .....          | 20,345    | 66,637    | 140,455    | 393,702    | 682,044    | 1,182,012  | 1,721,295  | 2,168,380  | 2,674,154  |
| Montana .....           | .....     | .....     | .....      | .....      | .....      | .....      | .....      | 132,159    | .....      |
| Nebraska .....          | .....     | .....     | .....      | .....      | .....      | .....      | .....      | 452,402    | 1,068,910  |
| Nevada .....            | .....     | .....     | .....      | .....      | .....      | .....      | .....      | 62,266     | 46,761     |
| New Hampshire .....     | 214,460   | 244,022   | 269,325    | 284,574    | 317,976    | 328,013    | 313,200    | 346,991    | 376,520    |
| New Jersey .....        | 245,562   | 277,426   | 320,829    | 373,506    | 469,555    | 672,035    | 906,996    | 1,151,116  | 1,444,923  |
| New Mexico .....        | .....     | .....     | .....      | .....      | .....      | .....      | .....      | 194,555    | 153,583    |
| New York .....          | 959,049   | 1,372,111 | 1,918,608  | 2,438,931  | 3,047,394  | 3,884,735  | 4,882,759  | 5,662,371  | 6,997,853  |
| North Carolina .....    | 553,500   | 638,820   | 767,987    | 753,419    | 839,039    | 992,622    | 1,071,261  | 1,399,760  | 1,617,947  |
| North Dakota .....      | .....     | .....     | .....      | .....      | .....      | .....      | .....      | .....      | 122,779    |
| Ohio .....              | 280,760   | 551,295   | 987,903    | 1,519,487  | 1,980,320  | 2,359,511  | 2,665,250  | 3,198,062  | 3,671,316  |
| Oklahoma .....          | .....     | .....     | .....      | .....      | .....      | .....      | .....      | 61,824     | .....      |
| Oregon .....            | .....     | .....     | .....      | .....      | 19,294     | 52,495     | 91,232     | 174,768    | 313,077    |
| Pennsylvania .....      | 810,091   | 1,047,507 | 1,345,239  | 1,724,032  | 2,311,795  | 2,906,215  | 3,521,951  | 4,292,891  | 5,238,014  |
| Rhode Island .....      | 76,231    | 82,015    | 97,129     | 108,830    | 147,645    | 174,620    | 217,556    | 276,521    | 346,506    |
| South Carolina .....    | 419,115   | 502,741   | 581,185    | 594,393    | 668,307    | 733,705    | 795,690    | 995,517    | 1,151,149  |
| South Dakota .....      | .....     | .....     | .....      | .....      | .....      | .....      | .....      | .....      | 328,818    |
| Tennessee .....         | 251,727   | 422,771   | 681,904    | 829,210    | 1,002,717  | 1,109,891  | 1,259,520  | 1,542,359  | 1,767,518  |
| Texas .....             | .....     | .....     | .....      | .....      | .....      | .....      | .....      | 1,561,749  | 2,235,323  |
| Utah .....              | .....     | .....     | .....      | .....      | 11,380     | 40,277     | 80,786     | 143,993    | 207,905    |
| Vermont .....           | 217,835   | 235,966   | 290,652    | 291,048    | 314,120    | 315,088    | 330,551    | 332,329    | 332,422    |
| Virginia .....          | 974,600   | 1,065,116 | 1,211,405  | 1,239,797  | 1,421,661  | 1,696,313  | 1,925,162  | 1,612,555  | 1,655,980  |
| Washington .....        | .....     | .....     | .....      | .....      | .....      | .....      | .....      | 25,955     | 349,390    |
| West Virginia .....     | .....     | .....     | .....      | .....      | .....      | .....      | .....      | 442,014    | 762,704    |
| Wisconsin .....         | .....     | .....     | .....      | 30,945     | 305,391    | 775,881    | 1,054,670  | 1,315,497  | 1,696,850  |
| Wyoming .....           | .....     | .....     | .....      | .....      | .....      | .....      | .....      | 20,759     | 60,705     |
| Total .....             | 7,239,881 | 9,633,822 | 12,866,020 | 17,069,453 | 23,191,876 | 31,443,321 | 38,559,871 | 50,155,783 | 62,623,250 |

The inhabitants of Alaska and the Indian Territory are not included in the above. The population of Alaska in 1890 was 30,323; of the Indian Territory, 179,521. Total population of the United States in 1890, 62,851,900.

POPULATION: CENSUS OF 1790.—Connecticut, 237,948; Delaware, 59,056; Georgia, 82,548; Kentucky, 73,677; Maine, 1,229,705; Maryland, 319,728; Massachusetts, 373,787; New Hampshire, 141,895; New Jersey, 184,159; New York, 959,120; North Carolina, 393,751; Pennsylvania, 429,373; Rhode Island, 68,825; South Carolina, 24,072; Tennessee, 25,891; Vermont, 65,425; Virginia, 747,610. Total U. S., 3,329,214.

POPULATION: CENSUS OF 1800.—Connecticut, 251,002; Delaware, 64,273; District of Columbia, 14,093; Georgia, 163,586; Indiana, 5,641; Kentucky, 220,955; Maine, 1,511,719; Maryland, 341,548; Massachusetts, 422,845; Mississippi, 6,850; New Hampshire, 183,358; New Jersey, 211,249; New York, 839,051; North Carolina, 473,103; Ohio, 45,265; Pennsylvania, 602,365; Rhode Island, 69,122; South Carolina, 345,591; Tennessee, 105,603; Vermont, 164,465; Virginia, 880,300. Total U. S., 5,303,483.

POPULATION PRIOR TO 1790 (according to Bancroft): 1683, 200,000; 1714, 454,600; 1727, 580,000; 1750, 1,260,000; 1754, 1,425,000; 1760, 1,895,000; 1770, 2,312,000; 1780, 2,915,000 (2,383,000 white, 532,000 colored).

\* For present population of the States, according to estimates made by the Governors thereof for THE WORLD ALMANAC, see index. The new decennial census (the Twelfth) will be taken during the present year 1900.

† Maine was a part of Massachusetts until its admission into the Union in 1820.

Population of the United States,

ACCORDING TO SEX, NATIVITY, RACE, VOTING, SCHOOL, AND MILITIA AGES.  
(Compiled from the Reports of the Census of 1890.)

| STATES AND TERRITORIES.   | SEX.       |            | NATIVITY.    |               | RACE.      |           | VOTING AGES.<br>Males 21 Years and over. | SCHOOL AGES.<br>Total Population, 5 to 20 Years. | MILITIA AGES.<br>Total Population, Males. |
|---------------------------|------------|------------|--------------|---------------|------------|-----------|--|--|---|
|                           | Male.      | Female.    | Native Born. | Foreign Born. | White.     | Colored.  |  |  |   |
| Alabama.....              | 757,456    | 755,561    | 1,498,240    | 14,777        | 833,718    | 679,290   | 324,822                                  | 639,494  | 265,025                                   |
| Arizona.....              | 36,571     | 23,049     | 40,825       | 18,795        | 55,580     | 4,040     | 23,695                                   | 18,284   | 19,236                                    |
| Arkansas.....             | 585,755    | 542,424    | 1,113,915    | 14,264        | 878,752    | 309,427   | 257,898                                  | 476,185  | 214,708                                   |
| California.....           | 700,059    | 608,071    | 841,821      | 366,309       | 1,111,372  | 96,458    | 463,296                                  | 370,289  | 343,301                                   |
| Colorado.....             | 245,247    | 166,951    | 338,203      | 83,990        | 404,462    | 7,730     | 104,920                                  | 113,150  | 140,441                                   |
| Connecticut.....          | 369,538    | 376,729    | 562,557      | 183,661       | 733,438    | 12,820    | 324,092                                  | 221,245  | 163,865                                   |
| Delaware.....             | 85,573     | 82,920     | 155,332      | 13,161        | 140,066    | 28,427    | 47,554                                   | 57,496   | 36,076                                    |
| District of Columbia..... | 109,584    | 120,808    | 211,632      | 18,770        | 154,895    | 75,697    | 64,596                                   | 74,176   | 47,623                                    |
| Florida.....              | 201,947    | 189,475    | 368,940      | 22,832        | 224,949    | 106,473   | 96,233                                   | 155,576  | 79,604                                    |
| Georgia.....              | 919,225    | 917,428    | 1,825,316    | 12,137        | 1,785,357  | 858,396   | 398,122                                  | 771,027  | 336,295                                   |
| Idaho.....                | 51,290     | 83,065     | 66,929       | 17,495        | 82,018     | 2,367     | 31,490                                   | 27,357   | 24,688                                    |
| Illinois.....             | 1,972,208  | 1,854,043  | 2,984,004    | 842,347       | 3,768,472  | 57,879    | 1,072,663                                | 1,333,300  | 852,655                                   |
| Indiana.....              | 1,118,347  | 1,074,057  | 2,045,199    | 146,305       | 2,146,736  | 45,668    | 585,066                                  | 755,172  | 455,828                                   |
| Iowa.....                 | 994,453    | 917,443    | 1,587,827    | 324,069       | 1,901,095  | 10,810    | 520,332                                  | 701,182  | 539,567                                   |
| Kansas.....               | 752,112    | 674,984    | 1,279,258    | 47,838        | 1,376,553  | 50,948    | 393,251                                  | 540,170  | 295,364                                   |
| Kentucky.....             | 942,758    | 915,877    | 1,739,279    | 59,536        | 1,590,452  | 208,173   | 450,792                                  | 527,061  | 361,137                                   |
| Louisiana.....            | 559,850    | 559,227    | 1,068,840    | 49,747        | 658,396    | 500,192   | 250,563                                  | 455,234  | 205,215                                   |
| Maine.....                | 332,590    | 328,496    | 582,125      | 78,951        | 659,463    | 1,823     | 201,241                                  | 201,851  | 133,139                                   |
| Maryland.....             | 615,691    | 526,639    | 948,094      | 94,296        | 836,497    | 235,897   | 270,758                                  | 370,842  | 205,816                                   |
| Massachusetts.....        | 1,087,709  | 1,151,234  | 1,581,806    | 657,157       | 2,215,313  | 23,570    | 665,009                                  | 650,370  | 499,312                                   |
| Michigan.....             | 1,091,790  | 1,002,103  | 1,550,009    | 543,880       | 2,072,884  | 21,005    | 617,445                                  | 703,684  | 462,765                                   |
| Minnesota.....            | 695,321    | 606,505    | 894,470      | 467,356       | 1,296,169  | 5,697     | 376,056                                  | 454,804  | 304,268                                   |
| Mississippi.....          | 649,687    | 639,913    | 1,261,648    | 7,952         | 544,551    | 744,749   | 271,890                                  | 559,101  | 228,764                                   |
| Missouri.....             | 1,385,238  | 1,293,446  | 2,444,315    | 234,609       | 2,528,438  | 150,726   | 705,718                                  | 1,098,395  | 666,448                                   |
| Montana.....              | 67,882     | 44,277     | 69,083       | 43,096        | 137,271    | 4,888     | 65,435                                   | 80,240   | 55,490                                    |
| Nebraska.....             | 572,824    | 486,086    | 856,363      | 202,542       | 1,048,888  | 12,032    | 301,500                                  | 354,255  | 255,665                                   |
| Nevada.....               | 39,214     | 16,847     | 51,055       | 14,706        | 39,094     | 6,677     | 20,951                                   | 12,391   | 14,606                                    |
| New Hampshire.....        | 186,566    | 189,964    | 304,190      | 72,340        | 375,840    | 690       | 118,135                                  | 106,611  | 79,878                                    |
| New Jersey.....           | 720,819    | 724,114    | 1,115,958    | 328,975       | 1,396,561  | 48,352    | 413,530                                  | 464,922  | 313,683                                   |
| New Mexico.....           | 63,055     | 70,538     | 142,334      | 11,229        | 142,719    | 10,874    | 44,951                                   | 62,543   | 36,065                                    |
| New York.....             | 2,976,899  | 3,020,960  | 4,426,803    | 1,571,500     | 5,923,952  | 73,901    | 1,769,649                                | 1,836,959  | 1,325,619                                 |
| North Carolina.....       | 799,149    | 818,796    | 1,614,245    | 3,702         | 1,055,332  | 562,565   | 342,563                                  | 673,405  | 273,834                                   |
| North Dakota.....         | 101,590    | 81,129     | 101,258      | 81,461        | 182,123    | 536       | 55,959                                   | 59,324   | 48,608                                    |
| Ohio.....                 | 1,855,736  | 1,816,580  | 3,213,023    | 459,293       | 3,584,805  | 87,511    | 1,016,464                                | 1,271,031  | 767,975                                   |
| Oklahoma.....             | 34,733     | 27,101     | 59,094       | 2,740         | 58,296     | 3,008     | 19,161                                   | 21,642   | 15,884                                    |
| Oregon.....               | 181,640    | 131,827    | 256,450      | 57,317        | 301,758    | 12,009    | 111,744                                  | 103,365  | 88,049                                    |
| Pennsylvania.....         | 2,606,331  | 2,591,683  | 4,412,244    | 845,720       | 5,148,257  | 109,737   | 1,461,897                                | 1,791,710  | 1,140,476                                 |
| Rhode Island.....         | 168,025    | 177,481    | 239,201      | 106,305       | 337,899    | 7,647     | 100,017                                  | 105,534  | 75,317                                    |
| South Carolina.....       | 572,337    | 578,812    | 1,144,879    | 6,270         | 492,000    | 689,141   | 235,606                                  | 501,393  | 196,059                                   |
| South Dakota.....         | 180,250    | 148,558    | 237,753      | 91,055        | 327,290    | 1,818     | 96,765                                   | 113,900  | 79,219                                    |
| Tennessee.....            | 891,585    | 875,933    | 1,747,489    | 20,029        | 1,336,367  | 450,891   | 402,476                                  | 720,872  | 324,214                                   |
| Texas.....                | 1,172,553  | 1,062,970  | 2,062,567    | 152,956       | 1,745,935  | 489,588   | 585,942                                  | 924,742  | 447,413                                   |
| Utah.....                 | 110,463    | 97,442     | 184,241      | 53,064        | 205,899    | 2,006     | 54,471                                   | 79,887   | 45,209                                    |
| Vermont.....              | 169,327    | 163,055    | 288,334      | 44,088        | 331,418    | 1,016     | 121,697                                  | 101,457  | 67,038                                    |
| Virginia.....             | 824,278    | 831,702    | 1,637,606    | 18,374        | 1,020,122  | 665,638   | 378,782                                  | 671,779  | 295,340                                   |
| Washington.....           | 217,562    | 131,828    | 259,285      | 90,005        | 240,513    | 8,877     | 146,918                                  | 97,863   | 124,860                                   |
| West Virginia.....        | 390,285    | 372,509    | 743,911      | 18,883        | 730,077    | 32,747    | 181,400                                  | 305,669  | 147,334                                   |
| Wisconsin.....            | 874,951    | 811,929    | 1,167,681    | 519,199       | 1,669,473  | 6,407     | 461,732                                  | 603,849  | 347,469                                   |
| Wyoming.....              | 39,343     | 21,362     | 45,792       | 14,913        | 59,315     | 1,330     | 27,044                                   | 16,261   | 24,614                                    |
| Total.....                | 32,067,880 | 30,554,870 | 53,372,703   | 9,249,547     | 54,989,700 | 7,688,260 | 16,940,311                               | 22,447,892                                       | 13,230,168                                |

The following was the number of foreign born inhabitants in the United States in 1890, according to nationality: From Germany, 2,784,894; Ireland, 1,871,509; British America including Newfoundland, 980,938; England, 909,092; Sweden, 478,041; Norway, 322,665; Scotland, 242,231; Russia, 182,644; Italy, 182,580; Poland, 147,440; Denmark, 132,543; Austria, 123,271; Bohemia, 118,106; France, 113,174; China, 106,688; Switzerland, 104,000; Wales, 103,979; Netherlands, 81,828; Mexico, 77,853; Hungary, 62,435; Belgium and Luxembourg, 25,521; Cuba and West Indies, 23,256; Portugal, 15,996; Central and South America, 6,198; Spain, 6,185; India, including Asia, not specified, 4,403; Japan, 2,292; Greece, 1,887; all others, 41,729. Total foreign born, 9,249,547.

The number of persons in the United States of foreign parentage, which includes persons born abroad and native children of foreign born persons (1890), was 20,676,046, being 33.02 per cent of the population. The percentage in 1880 was 29.75; in 1870 was 28.25.

COLORED POPULATION OF THE UNITED STATES IN 1890, ACCORDING TO RACE.—Persons of African descent, 7,470,040; Chinese, 107,475; Japanese, 2,039; civilized Indians, 58,806. Total, 7,638,360.

PERSONS OF AFRICAN DESCENT CLASSIFIED.—Blacks, 6,337,989; mulattoes, 956,989; quadroons, 105,135; octoroons, 69,936. Total, 7,470,040.

Mississippi contained the largest number of pure negroes—657,393—and Virginia the next largest number—621,781; Virginia contained the largest number of mulattoes, quadroons, and octoroons—122,441—and Louisiana the next largest number—90,953.

ALIENS SPEAKING ENGLISH.—Classifying alien population, according to their ability to speak English, 791,876 or 63.25 per cent, can speak the English language, and 368,538 or 31.75 per cent, cannot.

JEWISH POPULATION OF THE UNITED STATES.—An estimate published in the American Jewish Year-Book for 1899-1900 makes the present Jewish population of the United States, 1,043,800, of which New York has 400,000.

Population of Cities of the United States.

CENSUS OF 1890.

|                    |         |                     |            |                      |         |                      |         |
|--------------------|---------|---------------------|------------|----------------------|---------|----------------------|---------|
| Adams, Mass.       | 9,213   | Butte, Mont.        | 10,723     | Escanaba, Mich.      | 6,808   | Jefferson City, Mo.  | 6,742   |
| Adrian, Mich.      | 8,756   | Cairo, Ill.         | 10,324     | Evausville, Ind.     | 50,756  | Jeffersonville, Ind. | 10,666  |
| Akron, O.          | 27,601  | Calais, Me.         | 7,290      | Everett, Mass.       | 11,068  | Jersey City, N. J.   | 163,003 |
| Alameda, Cal.      | 11,165  | Cambridge, Mass.    | 70,028     | Fall River, Mass.    | 74,398  | Johnston, R. I.      | 9,778   |
| Albany, N. Y.      | 94,923  | Camden, N. J.       | 58,313     | Faribault, Minn.     | 6,520   | Johnstown, N. Y.     | 7,768   |
| Alexandria, Va.    | 14,339  | Canton, O.          | 26,189     | Findlay, O.          | 18,553  | Johnstown, Pa.       | 21,805  |
| Allegheny, Pa.     | 105,287 | Carbondale, Pa.     | 10,833     | Fitchburg, Mass.     | 22,037  | Joliet, Ill.         | 23,264  |
| Allentown, Pa.     | 25,228  | Carlisle, Pa.       | 7,620      | Flint, Mich.         | 9,803   | Joplin, Mo.          | 9,943   |
| Alliance, O.       | 7,607   | Carthage, Mo.       | 7,981      | Florence, Ala.       | 6,012   | Kalamazoo, Mich.     | 17,853  |
| Alpena, Mich.      | 11,283  | Cedar Rapids, Ia.   | 18,020     | Flushing, N. Y.      | 8,436   | Kankakee, Ill.       | 9,025   |
| Alton, Ill.        | 10,294  | Chambers'rg, Pa.    | 7,863      | Fond du Lac, Wis.    | 12,024  | Kansas City, Kan.    | 38,316  |
| Altoona, Pa.       | 50,337  | Charleston, S. C.   | 54,953     | Fort Madison, Ia.    | 7,901   | Kansas City, Mo.     | 132,716 |
| Americus, Ga.      | 6,398   | Charleston, W. Va.  | 6,743      | Fort Scott, Kan.     | 11,946  | Kearney, Neb.        | 8,074   |
| Amesbury, Mass.    | 9,798   | Charlotte, N. C.    | 11,557     | Fort Smith, Ark.     | 11,311  | Keene, N. H.         | 7,446   |
| Amsterdam, N. Y.   | 17,836  | Chattanooga, Tenn.  | 29,100     | Fort Wayne, Ind.     | 33,393  | Kenosha, Wis.        | 6,532   |
| Anderson, Ind.     | 10,741  | Cheboygan, Miss.    | 7,235      | Fort Worth, Tex.     | 23,076  | Keokuk, Ia.          | 14,101  |
| Annapolis, Md.     | 7,694   | Chelsea, Mass.      | 27,909     | Fostoria, O.         | 7,070   | Key West, Fla.       | 18,060  |
| Ann Arbor, Mich.   | 9,431   | Chester, Pa.        | 20,226     | Fram'gh'm, Mass.     | 9,239   | Killingly, Ct.       | 7,027   |
| Annonita, Ala.     | 9,998   | Cheyenne, Wyo.      | 11,690     | Franklin, Pa.        | 6,221   | Kingston, N. Y.      | 21,261  |
| Ansonia, Ct.       | 10,342  | Chicago, Ill.       | 11,099,850 | Frederick, Md.       | 8,193   | Knoxville, Tenn.     | 22,535  |
| Appleton, Wis.     | 11,369  | Chicopee, Mass.     | 14,050     | Freeport, Ill.       | 10,189  | Kokomo, Ind.         | 8,261   |
| Arkansas, Kan.     | 8,347   | Chillicothe, O.     | 11,288     | Fremont, Neb.        | 6,747   | Laconia, N. H.       | 6,143   |
| Asheville, N. C.   | 10,235  | Chip'wa Falls Wis   | 8,670      | Fremont, O.          | 7,141   | La Crosse, Wis.      | 25,090  |
| Ashland, Pa.       | 7,346   | Cincinnati, O.      | 296,908    | Fresno, Cal.         | 10,818  | Lafayette, Ind.      | 16,243  |
| Ashland, Wis.      | 9,956   | Circleville, O.     | 6,556      | Gainesville, Tex.    | 6,594   | Lancaster, O.        | 7,555   |
| Ashtabula, O.      | 8,338   | Clarksville, Tenn.  | 7,924      | Galesburg, Ill.      | 15,264  | Lancaster, Pa.       | 32,011  |
| Astoria, Ore.      | 6,184   | Clarksville, O.     | 261,352    | Galion, O.           | 6,326   | Lansing, Mich.       | 13,102  |
| Atchison, Kan.     | 13,963  | Clinton, Ia.        | 13,619     | Galveston, Tex.      | 29,084  | Lansing'g, N. Y.     | 10,550  |
| Athens, Ga.        | 8,639   | Clinton, Mass.      | 10,424     | Gardner, Mass.       | 8,424   | Laporte, Ind.        | 7,126   |
| Atlanta, Ga.       | 65,533  | Colohe, N. Y.       | 22,509     | Geneva, N. Y.        | 7,557   | Laramie, Wyo.        | 6,388   |
| Atlantic, N. J.    | 13,055  | Colohe's Pt, N. Y.  | 6,127      | Glens Falls, N. Y.   | 9,509   | Laredo, Tex.         | 11,319  |
| Attleboro, Mass.   | 7,577   | Colorado Sp's, Col  | 11,140     | Gloucester, Mass.    | 24,651  | La Salle, Ill.       | 9,855   |
| Auburn, Me.        | 11,250  | Columbia, Pa.       | 10,599     | Gloucester, N. J.    | 6,564   | Lawrence, Kan.       | 9,997   |
| Auburn, N. Y.      | 25,353  | Columbia, S. C.     | 15,353     | Gloversville, N. Y.  | 13,864  | Lawrence, Ma.        | 44,654  |
| Augusta, Ga.       | 33,300  | Columbus, Ga.       | 17,303     | Goshen, Ind.         | 6,033   | Leadville, Col.      | 10,384  |
| Augusta, Me.       | 10,527  | Columbus, Ind.      | 6,719      | Grand Island, Neb    | 7,536   | Leavenworth, Kan     | 19,768  |
| Aurora, Ill.       | 19,688  | Columbus, O.        | 88,150     | Gr'd Rapids, Mich    | 60,278  | Lebanon, Pa.         | 14,664  |
| Austin, Tex.       | 14,575  | Concord, N. H.      | 17,004     | Green Bay, Wis.      | 9,069   | Leominster, Mass     | 7,269   |
| Baltimore, Md.     | 494,439 | Corning, N. Y.      | 8,550      | Greenbush, N. Y.     | 7,301   | Leviston, Me.        | 21,701  |
| Bangor, Me.        | 19,103  | Corsicana, Tex.     | 6,285      | Greenville, Miss.    | 6,658   | Lexington, Ky.       | 21,567  |
| Batavia, N. Y.     | 7,221   | Cortland, N. Y.     | 8,590      | Greenville, S. C.    | 8,607   | Lima, O.             | 15,981  |
| Bath, Me.          | 8,723   | Council Bluffs, Ia. | 21,474     | Greenwich, Ct.       | 10,131  | Lincoln, Ill.        | 6,725   |
| Baton Rouge, La.   | 10,478  | Covington, Ky.      | 37,371     | Hackensack, N. J     | 6,004   | Lincoln, Neb.        | 55,154  |
| Battle Cr'k, Mich. | 13,137  | Cranston, R. I.     | 8,099      | Hagerstown, Md.      | 10,118  | Lincoln, R. I.       | 20,355  |
| Bay City, Mich.    | 27,839  | Craw'p'dsville, Ind | 6,089      | Hamilton, O.         | 17,565  | Little Falls, N. Y.  | 8,783   |
| Bayonne, N. J.     | 19,033  | Creston, Ia.        | 7,200      | Hannibal, Mo.        | 12,857  | Little Rock, Ark.    | 25,874  |
| Beatrice, Neb.     | 13,836  | Cumberland, Md.     | 12,729     | Harrisburg, Pa.      | 39,385  | Lockhaven, Pa.       | 7,358   |
| Beaver Falls, Pa.  | 9,735   | Cumberland, R. I.   | 8,090      | Harrison, N. J.      | 8,338   | Lockport, N. Y.      | 16,038  |
| Belfast, Me.       | 5,294   | Dallas, Tex.        | 38,067     | Hartford, Ct.        | 53,230  | Logansport, Ind.     | 13,328  |
| Bellaire, O.       | 9,934   | Danbury, Ct.        | 16,552     | Hastings, Neb.       | 13,584  | L'g Island C. N. Y.  | 30,506  |
| Belleville, Ill.   | 15,361  | Danvers, Mass.      | 7,454      | Haverhill, Mass.     | 27,412  | Los Angeles, Cal.    | 50,395  |
| Beloit, Wis.       | 6,315   | Danville, Ill.      | 11,491     | Hazleton, Pa.        | 11,872  | Louisville, Ky.      | 161,129 |
| Bennington, Vt.    | 6,391   | Danville, Pa.       | 7,998      | Helena, Ark.         | 5,189   | Lowell, Mass.        | 77,696  |
| Bethlehem, Pa.     | 6,762   | Danville, Va.       | 10,305     | Helena, Mont.        | 13,834  | Ludington, Mich.     | 7,517   |
| Beverly, Mass.     | 10,821  | Davenport, Ia.      | 26,872     | Henderson, Ky.       | 8,835   | Lynchburg, Va.       | 19,709  |
| Biddeford, Me.     | 14,443  | Dayton, O.          | 61,220     | Hoboken, N. J.       | 43,648  | Lynn, Mass.          | 55,727  |
| Binghamton, N. Y.  | 35,005  | Decatur, Ill.       | 16,841     | Holyoke, Mass.       | 35,637  | Macon, Ga.           | 22,746  |
| Birmingham, Ala.   | 26,178  | Dedham, Mass.       | 7,123      | Homestead, Pa.       | 7,911   | Madison, Ind.        | 8,936   |
| Blackstone, Mass.  | 6,138   | Defiance, O.        | 7,694      | Hoosick Falls, N. Y. | 7,014   | Madison, Wis.        | 13,426  |
| Bloomington, Ill.  | 20,484  | Delaware, O.        | 8,224      | Hopkinsville, Ky.    | 5,833   | Mahanoy, Pa.         | 11,286  |
| Boone, Ia.         | 6,520   | Denison, Tex.       | 10,958     | Hornellsville, N. Y. | 10,996  | Malden, Mass.        | 23,031  |
| Boston, Mass.      | 448,477 | Denver, Col.        | 106,713    | Hot Springs, Ark.    | 8,086   | Manchester, Ct.      | 8,222   |
| Bowling Gr'n, Ky   | 7,803   | Des Moines, Ia.     | 50,093     | Houston, Tex.        | 27,557  | Manchester, N. H.    | 44,126  |
| Bradford, Pa.      | 8,561   | Detroit, Mich.      | 205,876    | Hudson, N. Y.        | 9,970   | Manchester, Va.      | 9,246   |
| Bradford, Pa.      | 10,514  | Dover, N. H.        | 12,790     | Huntington, Ind.     | 7,328   | Manistee, Mich.      | 12,812  |
| Brattleboro, Vt.   | 6,862   | Dubuque, Ia.        | 30,311     | Huntington, W. Va.   | 10,108  | Manitowoc, Wis.      | 7,710   |
| Brazil, Ind.       | 5,905   | Duluth, Minn.       | 33,115     | Huntsville, Ala.     | 7,995   | Manitowoc, Minn.     | 8,838   |
| Bridgeport, Ct.    | 48,866  | Dunkirk, N. Y.      | 9,416      | Hutchinson, Kan.     | 8,682   | Mansfield, O.        | 13,473  |
| Bridgeton, N. J.   | 11,424  | East Liverpool, O.  | 10,956     | Hyde Park, Mass.     | 10,193  | Marblehead, Mass     | 8,202   |
| Bristol, Ct.       | 7,332   | Easton, Pa.         | 14,481     | Independence, Mo.    | 6,380   | Marietta, O.         | 8,273   |
| Bristol, Pa.       | 6,552   | E. Portland, Ore.   | 10,532     | Indianapolis, Ind    | 105,436 | Marionette, Wis.     | 11,523  |
| Brockton, Mass.    | 27,294  | E. Providence, RI   | 8,422      | Iowa City, Ia.       | 7,016   | Marion, Ind.         | 8,769   |
| Brookline, Mass.   | 12,103  | E. St. Louis, Ill.  | 15,169     | J'ron P'tain, Mich   | 8,599   | Marion, O.           | 8,327   |
| Brooklyn.          | 489,163 | Eau Claire, Wis.    | 17,415     | Ironton, O.          | 10,939  | Marion, Mass.        | 13,805  |
| Brownsville, Tex.  | 6,134   | Edgewood, N. Y.     | 14,265     | Ironwood, Mich.      | 7,745   | Marquette, Mich.     | 9,093   |
| Brunswick, Ga.     | 8,459   | Elgin, Ill.         | 17,823     | Ishpeming, Mich.     | 11,197  | Marshall, Ia.        | 8,914   |
| Brunswick, Me.     | 6,012   | Elizabeth, N. J.    | 37,764     | Ithaca, N. Y.        | 11,079  | Marshall, Tex.       | 7,207   |
| Buffalo, N. Y.     | 255,664 | Elkhart, Ind.       | 11,360     | Jackson, Mich.       | 20,798  | Martins'g, W. Va     | 7,226   |
| Buffalo, N. Y.     | 255,663 | El Paso, Tex.       | 30,893     | Jackson, Tenn.       | 10,039  | Martin's Ferry, O.   | 6,250   |
| Burlington, Ia.    | 22,263  | Emporia, Kan.       | 10,338     | Jacksonville, Fla.   | 17,201  | Masonville, O.       | 10,092  |
| Burlington, N. J.  | 7,264   | Emporia, Tex.       | 7,551      | Jacksonville, Ill.   | 12,935  | Mattson, Ill.        | 6,833   |
| Burlington, Vt.    | 14,590  | Enfield, Ct.        | 7,199      | Jamestown, N. Y.     | 16,038  | McKeesport, Pa.      | 20,741  |
| Butler, Pa.        | 8,734   | Erie, Pa.           | 40,634     | Jamestown, Wis.      | 10,836  | Meadville, Pa.       | 9,520   |

POPULATION OF CITIES OF THE UNITED STATES—Continued.

|                         |           |                          |           |                             |         |                         |         |
|-------------------------|-----------|--------------------------|-----------|-----------------------------|---------|-------------------------|---------|
| Medford, Mass.....      | 11,079    | Oil City, Pa.....        | 10,932    | Roanoke, Va.....            | 16,159  | Streator, Ill.....      | 11,414  |
| Melrose, Mass.....      | 8,519     | Olean, N. Y.....         | 7,358     | Rochester, N. H.....        | 7,396   | Superior, Wis.....      | 11,983  |
| Memphis, Tenn.....      | 64,495    | Omaha, Neb.....          | 140,452   | Rochester, N. Y.....        | 135,896 | Syracuse, N. Y.....     | 88,143  |
| Menominee, Mich.....    | 10,630    | Oneida, N. Y.....        | 6,083     | Rockford, Ill.....          | 23,584  | Tacoma, Wash.....       | 36,006  |
| Meriden, Ct.....        | 21,652    | Oneonta, N. Y.....       | 6,272     | Rock Island, Ill.....       | 13,634  | Tamaqua, Pa.....        | 6,054   |
| Meridian, Miss.....     | 10,624    | Orange, N. J.....        | 18,844    | Rockland, Me.....           | 8,174   | Taunton, Mass.....      | 25,448  |
| Merrill, Wis.....       | 6,809     | Oskosh, Wis.....         | 22,836    | Rome, Ga.....               | 6,957   | Terre Haute, Ind.....   | 30,217  |
| Michigan City, Ind..... | 10,776    | Ossauossa, Ia.....       | 6,558     | Rome, N. Y.....             | 14,991  | Tiffin, O.....          | 10,801  |
| Middleboro, Mass.....   | 6,065     | Oswego, N. Y.....        | 21,842    | Rutland, Vt.....            | 11,760  | Titusville, Pa.....     | 8,073   |
| Middletown, Ct.....     | 9,013     | Ottawa, Ill.....         | 9,985     | Saco, Me.....               | 6,075   | Toledo, O.....          | 81,434  |
| Middletown, N. Y.....   | 11,977    | Ottawa, Kan.....         | 6,248     | Sacramento, Cal.....        | 26,386  | Tohawanda, N. Y.....    | 7,146   |
| Middletown, O.....      | 7,681     | Ottumwa, Ia.....         | 14,001    | Saginaw, Mich.....          | 46,322  | Torrington, Ct.....     | 6,048   |
| Middletown, Pa.....     | 5,980     | Owensboro, Ky.....       | 9,837     | St. Albans, Vt.....         | 7,771   | Topeka, Kan.....        | 31,007  |
| Millford, Mass.....     | 8,780     | Owosso, Mich.....        | 6,564     | St. Charles, Mo.....        | 6,161   | Trenton, N. J.....      | 57,458  |
| Millville, N. J.....    | 10,002    | Paducah, Ky.....         | 12,797    | St. Cloud, Minn.....        | 7,636   | Troy, N. Y.....         | 60,056  |
| Millwaukee, Wis.....    | 204,468   | Palmer, Mass.....        | 6,520     | St. Johnsbury, Vt.....      | 6,507   | Tyler, Tex.....         | 6,908   |
| Minneapolis, Minn.....  | 164,738   | Pana, Ill.....           | 5,077     | St. Joseph, Mo.....         | 52,324  | Union, N. J.....        | 10,643  |
| Moberly, Mo.....        | 8,215     | Paris, Tex.....          | 8,254     | St. Louis, Mo.....          | 451,770 | Uniontown, Pa.....      | 6,359   |
| Mobile, Ala.....        | 31,076    | Parkersburg, W. Va.....  | 8,408     | St. Paul, Minn.....         | 133,156 | Urbana, O.....          | 6,510   |
| Moline, Ill.....        | 12,060    | Passaic, N. J.....       | 13,028    | Salem, Mass.....            | 30,801  | Utica, N. Y.....        | 44,007  |
| Montgomery, Ala.....    | 21,883    | Paterson, N. J.....      | 78,344    | Salina, Kan.....            | 6,149   | Vallejo, Cal.....       | 6,343   |
| Morristown, N. J.....   | 8,156     | Pawtucket, R. I.....     | 27,633    | Salt Lake, Utah.....        | 44,843  | Vernon, Ct.....         | 8,808   |
| Mount Carmel, Pa.....   | 8,254     | Pawtucket, Mass.....     | 10,158    | San Antonio, Tex.....       | 37,673  | Vicksburg, Miss.....    | 13,378  |
| Mt. Vernon, N. Y.....   | 10,830    | Peekskill, N. Y.....     | 9,676     | San Francisco, Cal.....     | 298,997 | Vincennes, Ind.....     | 8,853   |
| Mount Vernon, O.....    | 6,927     | Pekin, Ill.....          | 6,347     | San Diego, Cal.....         | 16,159  | Virginia City, Nev..... | 8,511   |
| Muncie, Ind.....        | 11,345    | Pensacola, Fla.....      | 11,750    | Sandusky, O.....            | 18,471  | Waco, Tex.....          | 14,445  |
| Muscataine, Ia.....     | 11,454    | Peoria, Ill.....         | 31,124    | San Jose, Cal.....          | 18,060  | Wakefield, Mass.....    | 6,982   |
| Muskegon, Mich.....     | 22,702    | Perth Amboy, N. J.....   | 9,512     | Santa Fe, N. M.....         | 6,185   | Wallington, Ct.....     | 6,584   |
| Nanticoke, Pa.....      | 10,044    | Perrin, Ind.....         | 7,028     | Saratoga Springs, N. Y..... | 11,975  | Waltham, Mass.....      | 18,707  |
| Nashua, N. H.....       | 19,311    | Petersburg, Va.....      | 22,680    | Savannah, Ga.....           | 43,189  | Ware, Mass.....         | 7,329   |
| Nashville, Tenn.....    | 76,688    | Philadelphia, Pa.....    | 1,046,964 | Schenectady, N. Y.....      | 19,902  | Warwick, R. I.....      | 17,761  |
| Natchez, Miss.....      | 10,101    | Phillipsburg, N. J.....  | 8,644     | Sheraton, Pa.....           | 75,212  | Washington, D. C.....   | 230,392 |
| Natick, Mass.....       | 9,118     | Piquetteville, Pa.....   | 8,514     | Seattle, Wash.....          | 42,887  | Washington, Ind.....    | 6,064   |
| Naugatuck, Ct.....      | 6,212     | Piquette, Ark.....       | 9,952     | Sedalia, Mo.....            | 14,638  | Washington, Pa.....     | 7,063   |
| Nebraska City, Neb..... | 11,494    | Pittsburg, Kan.....      | 6,697     | Selma, Ala.....             | 7,622   | Waterbury, Ct.....      | 28,646  |
| Negaunee, Mich.....     | 6,078     | Pittsburg, Pa.....       | 238,617   | Seneca Falls, N. Y.....     | 6,116   | Waterloo, Ia.....       | 6,674   |
| Nevada, Mo.....         | 7,262     | Pittsfield, Mass.....    | 17,281    | Shamokin, Pa.....           | 14,403  | Watertown, Mass.....    | 7,973   |
| New Albany, Ind.....    | 21,059    | Pittsfield, Pa.....      | 10,302    | Sharon, Pa.....             | 7,459   | Watertown, N. Y.....    | 14,725  |
| Newark, N. J.....       | 181,830   | Plainfield, N. J.....    | 11,267    | Sheboygan, Wis.....         | 16,359  | Watertown, Wis.....     | 8,755   |
| Newark, O.....          | 14,270    | Plainfield, N. Y.....    | 10,617    | Shenandoah, Pa.....         | 15,944  | Waterville, Me.....     | 7,107   |
| N. Bedford, Mass.....   | 40,783    | Plattsburgh, N. Y.....   | 7,010     | Sherman, Tex.....           | 7,335   | Waukesha, Wis.....      | 6,321   |
| Newbern, N. C.....      | 7,843     | Plattsburgh, Neb.....    | 8,392     | Shreveport, La.....         | 11,979  | Wausau, Wis.....        | 9,253   |
| N. Brighton, N. Y.....  | 16,423    | Portsmouth, Mass.....    | 7,314     | Sing Sing, N. Y.....        | 9,352   | Webster, Mass.....      | 7,031   |
| New Britain, Ct.....    | 16,519    | Portsmouth, Pa.....      | 9,344     | Sioux City, Ia.....         | 37,006  | West Bay Mich.....      | 12,981  |
| N. Brunswick, N. J..... | 18,603    | Port Huron, Mich.....    | 13,543    | Sioux Falls, S. D.....      | 10,177  | West Brook, Me.....     | 6,632   |
| Newburgh, N. Y.....     | 23,087    | Port Jervis, N. Y.....   | 9,327     | Somerville, Mass.....       | 40,152  | West Chester, Pa.....   | 8,028   |
| Newburgh, N. Y.....     | 23,087    | Portland, Me.....        | 36,425    | South Bend, Ind.....        | 21,819  | Westerly, R. I.....     | 6,813   |
| Newburgh, N. Y.....     | 23,087    | Portland, Ore.....       | 46,385    | St. Bethlehem, Pa.....      | 10,302  | Westfield, Mass.....    | 9,505   |
| Newcastle, Pa.....      | 11,600    | Port Richmond, N. Y..... | 6,290     | Southbridge, Mass.....      | 7,655   | West Troy, N. Y.....    | 12,967  |
| New Haven, Ct.....      | 81,298    | Portsmouth, N. H.....    | 12,394    | St. Kingstown, R. I.....    | 6,231   | Weymouth, Mass.....     | 10,866  |
| New London, Ct.....     | 13,757    | Portsmouth, Va.....      | 13,268    | St. Omaha, Neb.....         | 8,062   | Wheeling, W. Va.....    | 34,522  |
| New Orleans, La.....    | 242,030   | Pottstown, Pa.....       | 13,285    | Spencer, Mass.....          | 8,747   | Wichita, Kan.....       | 23,713  |
| Newport, Ky.....        | 24,408    | Pottsville, Pa.....      | 14,117    | Spookane, Wash.....         | 19,922  | Wilkes-Barre, Pa.....   | 37,858  |
| Newport, R. I.....      | 19,457    | Poughkeepsie, N. Y.....  | 22,206    | Springfield, Ill.....       | 24,963  | Williamsport, Pa.....   | 27,132  |
| N. Rochelle, N. Y.....  | 8,217     | Providence, R. I.....    | 132,146   | Springfield, Mass.....      | 44,179  | Wilmington, N. C.....   | 20,056  |
| Newton, Mass.....       | 24,579    | Pueblo, Col.....         | 24,558    | Springfield, Mo.....        | 21,850  | Wilmington, Del.....    | 61,411  |
| New York City.....      | 1,801,739 | Putnam, Ct.....          | 6,512     | Springfield, O.....         | 21,855  | Winchester, Ct.....     | 6,183   |
| New York City.....      | 1,801,739 | Quincy, Ill.....         | 31,494    | Stamford, Ct.....           | 15,700  | Winona, Minn.....       | 18,203  |
| New York City.....      | 1,801,739 | Quincy, Mass.....        | 16,723    | Taunton, Va.....            | 6,675   | Winston, N. C.....      | 8,018   |
| New York City.....      | 1,801,739 | Rehoboth, Wis.....       | 21,014    | Teaeton, Pa.....            | 9,250   | Woburn, Mass.....       | 13,499  |
| New York City.....      | 1,801,739 | Rhiney, N. J.....        | 7,105     | Teubenville, O.....         | 18,394  | Woonsocket, R. I.....   | 20,830  |
| New York City.....      | 1,801,739 | Ridgely, N. C.....       | 12,678    | Tevens Pt. Wis.....         | 7,896   | Worcester, Mass.....    | 84,655  |
| New York City.....      | 1,801,739 | Rising, Pa.....          | 58,691    | Stillwater, Minn.....       | 11,260  | Xenia, O.....           | 7,301   |
| New York City.....      | 1,801,739 | Rock Wing, Ind.....      | 6,294     | Stockton, Cal.....          | 14,424  | Yonkers, N. Y.....      | 32,033  |
| New York City.....      | 1,801,739 | Richmond, Minn.....      | 16,608    | Stoneham, Mass.....         | 6,155   | York, Pa.....           | 20,793  |
| New York City.....      | 1,801,739 | Richmond, Va.....        | 81,388    | Stonington, Ct.....         | 7,154   | Youngstown, O.....      | 33,220  |
| New York City.....      | 1,801,739 |                          |           |                             |         | Ypsilanti, Mich.....    | 6,129   |
| New York City.....      | 1,801,739 |                          |           |                             |         | Zanesville, O.....      | 21,009  |

There are, according to the census of 1890, in the United States 3,715 cities and villages having over 1,000 inhabitants each, 7 having 400,000 and over; 341, and over 21 ha. 100,000 and under 400,000; 30 having 50,000 and under 100,000; 65 having 25,000 and under 50,000; 92 having 15,000 and under 25,000; 138 having 10,000 and under 15,000, and 94 having 5,000 and under 10,000.

Population by State Censuses of 1895.

| STATES.      | Population | STATES.            | Population | STATES.           | Population |
|--------------|------------|--------------------|------------|-------------------|------------|
| Florida..... | 464,639    | Massachusetts..... | 2,495,345  | Rhode Island..... | 384,758    |
| Iowa.....    | 2,058,000  | Minnesota.....     | 1,574,910  | South Dakota..... | 330,975    |
| Kansas.....  | 1,334,068  | New Jersey.....    | 1,672,942  | Utah.....         | 247,324    |

\* By State census of 1892. Population in 1892 of the territory now composing the city of New York (the Greater New York), 2,936,212. For present estimated population see page 396. † Federal census of June, 1890.

‡ A school census of Chicago in 1892 showed a population of over 1,400,000. See estimate of present population by the Mayor on page 395.

For estimates of present population (1900) of principal cities, see table entitled "Statistics of Cities in the United States," pages 395 and 396.



# Statistics of Cities in the United States.

THE statistics in the following table were furnished to THE WORLD ALMANAC by the MAYORS of the respective cities

| CITIES.                | Area in Square Miles.            | Estimated Population Jan. 1, 1900. | Net Public Debt. | Assessed Valuation of All Taxable Property. | Per cent of Actual Val.        | Tax Rate† | Mayors.                       | Terms Expir.  |
|------------------------|----------------------------------|------------------------------------|------------------|---|--------------------------------|-----------|-------------------------------|---------------|
| Albany, N. Y.          | 108 <sup>2</sup>                 | 100,300                            | \$2,624,858      | \$66,841,295                                | 90                             | \$2.06    | James H. Blessing..           | Dec. 31, 1901 |
| Allegheny, Pa.         | 8                                | 125,000                            | 4,625,406        | 82,000,000                                  | 90                             | 1.55      | James G. Wyman..              | Apr. 7, 1902  |
| Atlanta, Ga.           | 11                               | 125,000                            | 2,927,500        | 52,000,000                                  | 60                             | 1.25      | James G. Woodward.            | Jan. 7, 1901  |
| Baltimore, Md.         | 28.7                             | 625,000                            | 37,213,176       | 365,847,456                                 | 60                             | 2.25      | Thomas G. Hayes..             | May 3, 1903   |
| Bay City, Mich.        | 10                               | 35,000                             | 565,000          | 10,493,533                                  | 80                             | 2.85      | Alex. McEwan....              | Apr. 3, 1901  |
| Binghamton, N. Y.      | 10                               | 48,000                             | 670,000          | 21,111,660                                  | 65 <sup>1</sup> / <sub>2</sub> | 1.50      | Jerome De Witt..              | Dec. 31, 1901 |
| Boston, Mass.          | 43.4                             | 555,000                            | 54,222,184       | 1,089,308,120                               | 100                            | 1.31      | Thomas N. Hart..              | Jan. 6, 1902  |
| Bridgeport, Ct.        | 13.4                             | 63,000                             | 1,224,110        | 59,877,580                                  | 100                            | 1.29      | Hugh Stirling.....            | Nov. 11, 1901 |
| Brooklyn Boro., N. Y.  | 663 <sup>1</sup> / <sub>2</sub>  | 1,345,325                          | (a)              | 655,092,950                                 | 65 <sup>1</sup> / <sub>2</sub> | 2.36      | Incorp'd in City of New York. | Dec. 31, 1901 |
| Buffalo, N. Y.         | 42                               | 415,000                            | 14,190,950       | 236,969,535                                 | 70                             | 1.89      | Conrad Dietl.....             | Nov. 31, 1901 |
| Cambridge, Mass.       | 64 <sup>1</sup> / <sub>2</sub>   | 90,000                             | 5,955,741        | 90,000,000                                  | 100                            | 1.71      | E. R. Champlin..              | Jan. 1, 1901  |
| Camden, N. J.          | 9                                | 85,000                             | 2,593,855        | 26,500,162                                  | 65                             | 2.20      | Cooper B. Hatch..             | Mar. 1, 1901  |
| Charleston, S. C.      | 54 <sup>1</sup> / <sub>2</sub>   | 67,000                             | 3,798,206        | * 17,361,411                                | 40                             | 2.55      | J. Adner Smyth..              | Dec. 15, 1902 |
| Chattanooga, Tenn.     | 4                                | 57,500                             | 851,000          | 13,500,000                                  | 50                             | 1.65      | Joseph Wassman..              | Oct. 10, 1901 |
| Chelsea, Mass.         | 2 <sup>1</sup> / <sub>2</sub>    | 34,600                             | 1,158,951        | 23,405,294                                  | 100                            | 1.74      | James Gould.....              | Jan. 2, 1901  |
| Chicago, Ill.          | 1904 <sup>1</sup> / <sub>2</sub> | 1,900,000                          | 10,791,320       | 220,966,447                                 | 10                             | 5.52      | Carter H. Harrison.           | Apr. 15, 1901 |
| Cincinnati, O.         | 35 <sup>1</sup> / <sub>2</sub>   | 405,000                            | 25,189,532       | 193,739,800                                 | 55                             | 2.33      | Gustav Tafel.....             | July 1, 1900  |
| Cleveland, O.          | 38                               | 400,000                            | 12,458,471       | 142,290,775                                 | 25                             | 1.26      | John H. Forley....            | Apr. 10, 1901 |
| Cohoes, N. Y.          | 23 <sup>1</sup> / <sub>2</sub>   | 25,000                             | 437,108          | 11,663,880                                  | 100                            | 1.74      | James H. Mitchell.            | Apr. - 1900   |
| Columbus, O.           | 164 <sup>1</sup> / <sub>2</sub>  | 141,155                            | 3,155,986        | 64,344,996                                  | 60                             | 2.75      | Samuel J. Swartz..            | Apr. 17, 1901 |
| Council Bluffs, Iowa.  | 19                               | 30,000                             | 197,610          | 4,530,600                                   | 25                             | 6.2       | Victor Jennings..             | Apr. 1, 1900  |
| Covington, Ky.         | 23 <sup>1</sup> / <sub>2</sub>   | 55,000                             | 2,387,503        | 24,126,025                                  | 75                             | 1.75      | W. A. Johnson.....            | Jan. 1, 1904  |
| Dallas, Tex.           | 64 <sup>1</sup> / <sub>2</sub>   | 69,000                             | 1,740,030        | 23,221,000                                  | 68 <sup>1</sup> / <sub>2</sub> | 1.50      | John H. Traylor..             | Apr. 6, 1900  |
| Davenport Iowa.        | 8                                | 43,400                             | 275,000          | 15,952,350                                  | 50                             | 1.45      | George T. Baker..             | Apr. 4, 1900  |
| Dayton, O.             | 11                               | 100,000                            | 3,145,000        | 58,000,000                                  | 60                             | 2.5*      | J. R. Lindemuth..             | Apr. 15, 1900 |
| Denver, Col.           | 49                               | 170,000                            | 1,950,500        | 61,443,210                                  | 40                             | 63.52     | H. V. Johnson.....            | Apr. 10, 1901 |
| Des Moines, Iowa.      | 54                               | 85,000                             | 740,000          | 16,235,539                                  | 25                             | 4.87      | John MacVicar....             | Apr. 20, 1900 |
| Detroit, Mich.         | 29                               | 345,000                            | 3,296,361        | 218,971,000                                 | 70                             | 1.63      | Wm. C. Maybury..              | Jan. 1, 1902  |
| District of Columbia.  | 69 <sup>1</sup> / <sub>2</sub>   | 287,462                            | 15,891,820       | 190,958,957                                 | 65                             | 1.56      | See note at foot next page.   |               |
| Dubuque, Iowa.         | 15                               | 50,000                             | 929,916          | 23,750,456                                  | 60                             | 1.00      | C. H. Berg.....               | Apr. 2, 1900  |
| Duluth, Minn.          | 62                               | 65,000                             | 2,150,250        | 26,865,943                                  | 50                             | 2.48      | Henry Thomsen..               | Mar. 6, 1900  |
| Elizabeth, N. J.       | 9                                | 50,000                             | 3,345,340        | 17,492,221                                  | 60                             | 3.96      | Wm. A. M. Mack..              | July 1, 1900  |
| Elmira, N. Y.          | 72-3                             | 42,000                             | 1,020,000        | 17,383,851                                  | 100                            | 2.52      | Elgar Denton.....             | Mar. 5, 1900  |
| Erie, Pa.              | 7                                | 62,000                             | 677,823          | 19,158,598                                  | 50                             | 1.35      | John Depinet.....             | Apr. 5, 1902  |
| Fall River, Mass.      | 41                               | 104,000                            | 3,812,832        | 71,542,320                                  | 100                            | 1.78      | John H. Abbott..              | Jan. 7, 1901  |
| Fort Wayne, Ind.       | 6                                | 52,000                             | 319,000          | 22,000,000                                  | 75                             | .95       | Henry P. Scherer..            | May 5, 1901   |
| Grand Rapids, Mich.    | 13                               | 105,000                            | 2,107,500        | 27,771,135                                  | 100                            | 1.44      | George R. Perry..             | May 1, 1900   |
| Harrisburg, Pa.        | 7                                | 60,000                             | 1,023,000        | 25,500,000                                  | 50                             | 1.76      | John A. Fuchey..              | Apr. 7, 1902  |
| Hartford, Ct.          | 17                               | 77,000                             | 3,768,000        | 62,577,234                                  | 75                             | 1.78      | Miles B. Preston..            | Apr. 2, 1900  |
| Haverhill, Mass.       | 32                               | 28,000                             | 1,467,252        | 25,502,438                                  | 85                             | 2.6       | John C. Chase (S. D.).        | Jan. 1, 1901  |
| Hoboken, N. J.         | 1 <sup>1</sup> / <sub>2</sub>    | 62,300                             | 1,339,729        | 5,048,100                                   | 70                             | 2.6       | Lutwidge Fagan..              | May 1, 1901   |
| Holyoke, Mass.         | 16 <sup>1</sup> / <sub>2</sub>   | 45,000                             | 1,539,514        | 36,415,800                                  | 100                            | 1.66      | Arthur B. Chapin.             | Jan. 1, 1901  |
| Indianapolis, Ind.     | 27.8                             | 230,000                            | 2,017,400        | 119,556,650                                 | 55                             | 1.8       | Thomas Taggart..              | Oct. 15, 1901 |
| Jacksonville, Fla.     | 7-6                              | 55,000                             | 1,330,000        | 13,047,670                                  | 75                             | 1.56      | L. T. Bowden.....             | June 20, 1901 |
| Jersey City, N. J.     | 13                               | 200,000                            | 9,143,978        | 91,850,000                                  | 70                             | 2.84      | Edward Hoos.....              | May 1, 1901   |
| Kansas City, Mo.       | 21 <sup>1</sup> / <sub>2</sub>   | 250,000                            | 3,450,000        | 70,000,000                                  | 40                             | 2.6       | James M. Jones..              | Apr. 20, 1900 |
| La Crosse, Wis.        | 8 <sup>1</sup> / <sub>2</sub>    | 32,000                             | 444,354          | 12,200,206                                  | 75                             | 2.2       | W. A. Anderson..              | Apr. - 1901   |
| Lawrence, Mass.        | 6 <sup>1</sup> / <sub>2</sub>    | 55,000                             | 1,422,319        | 38,649,112                                  | 81                             | 1.5       | James F. Leonard.             | Jan. 1, 1904  |
| Little Rock Ark.       | 12 <sup>1</sup> / <sub>2</sub>   | 45,000                             | 288,000          | 12,139,785                                  | 60                             | 2.3       | A. A. Woodson....             | Apr. 4, 1901  |
| Louisville, Ky.        | 20                               | 220,580                            | 8,368,000        | 119,530,000                                 | 80                             | 1.34      | Charles P. Weaver.            | Nov. 17, 1901 |
| Lowell, Mass.          | 17 <sup>1</sup> / <sub>2</sub>   | 95,000                             | 3,753,050        | 71,251,372                                  | 100                            | 1.98      | Joseph Crowley..              | Jan. 2, 1901  |
| Lynn, Mass.            | 11 <sup>1</sup> / <sub>2</sub>   | 65,000                             | 3,315,536        | 51,091,945                                  | 85                             | 1.78      | William Shepherd.             | Jan. 7, 1901  |
| Manchester, N. H.      | 31                               | 60,000                             | 1,920,000        | 31,491,840                                  | 70                             | 1.96      | William C. Clarke.            | Jan. 1, 1901  |
| Memphis, Tenn.         | 21 <sup>1</sup> / <sub>2</sub>   | 225,000                            | 2,907,707        | 40,000,000                                  | 90                             | 1.60      | J. Williams.....              | Jan. 9, 1902  |
| Milwaukee, Wis.        | 21 <sup>1</sup> / <sub>2</sub>   | 290,000                            | 6,288,760        | 151,971,903                                 | 58                             | 2.23      | David S. Rose....             | Apr. 7, 1900  |
| Minneapolis, Minn.     | 54 <sup>1</sup> / <sub>2</sub>   | 225,000                            | 6,556,745        | 108,000,000                                 | 100                            | 2.2       | James Gray.....               | Jan. 7, 1901  |
| Mobile, Ala.           | 7                                | 45,000                             | 2,252,000        | 16,289,000                                  | 60                             | 1.53      | Carl B. Bush.....             | Nov. 15, 1900 |
| Nashville, Tenn.       | 9 <sup>1</sup> / <sub>2</sub>    | 119,534                            | 5,317,800        | 38,939,290                                  | 25                             | 1.12      | James M. Head....             | Apr. 1, 1901  |
| Newark, N. J.          | 18 <sup>1</sup> / <sub>2</sub>   | 255,000                            | 10,377,800       | 144,355,011                                 | 70                             | 1.23      | James M. Seymour.             | May 1, 1901   |
| New Bedford, Mass. (c) | 13 <sup>1</sup> / <sub>2</sub>   | 60,000                             | 3,405,000        | 57,352,735                                  | 100                            | 1.92      | RAS. S. ASHLEY..              | Jan. 1, 1901  |
| New Brunswick, N. J.   | 6                                | 20,000                             | 1,017,969        | 10,020,931                                  | 75                             | 2.66      | Nicholas Williamson.          | Apr. 6, 1901  |

| CITIES.      | REALETY.     | PERSONALTY.  | CITIES.                       | REALETY.     | PERSONALTY.    |
|--------------|--------------|--------------|-------------------------------|--------------|----------------|
| Baltimore    | \$27,000,803 | \$18,735,553 | Milwaukee                     | \$15,760,580 | \$27,258,073   |
| Boston       | 866,770,000  | 223,033,820  | Newark, N. J.                 | 1,688,525    | 20,012,213     |
| Buffalo      | 225,218,555  | 11,750,980   | New Orleans                   | 103,000,000  | 38,000,000     |
| Chicago      | 178,801,172  | 42,165,276   | New York City, see next page. |              |                |
| Cincinnati   | 159,535,490  | 40,213,590   | Philadelphia                  | 879,295,355  | \$259,301,636  |
| Cleveland    | 104,302,289  | 37,355,495   | Pittsburgh                    | 3,000,000    | 21,300,900     |
| Detroit      | 171,343,730  | 45,627,370   | San Francisco                 | 287,500,000  | 119,800,000    |
| Indianapolis | 87,764,715   | 32,072,965   | St. Louis                     | 395,441,270  | (g) 43,510,240 |
| Louisville   | 87,950,000   | 31,550,000   |                               |              |                |

For per cent of actual valuation see above. (c) Railroad, bridges, telegraph, express, and street railroads, \$22,230,455 extra.

Democrats in *italics*; Republicans in Roman; Citizens, Populist, Independent, Prohibition, or non-Political in SMALL CAPS. (S. D.) Socialist Democrat. \* "Money and interest reported." † This is the percentage of assessment upon actual valuation. ‡ Tax on each \$100 of assessed valuation for all purposes. (a) See "New York City" next page. (b) City tax, \$1.50; county, 80 cents; school, 61 cents; State, 41 cents. (c) Report of Jan. 1, 1899. (d) State, county, and city tax. (e) City tax \$1.20, county tax, \$1.45. (f) City, school, and highway tax; county and State tax, \$1.66.

| CITIES.                    | Area in Square Miles. | Estimated Population Jan. 1, 1900. | Net Public Debt.  | Assessed Valuation of all Taxable Property. | Per cent of Actual Val.* | Tax Rate† | Mayors.                 | Terms Expire. |
|----------------------------|-----------------------|------------------------------------|-------------------|---|--------------------------|-----------|-------------------------|---------------|
| New Haven, Ct.....         | 22½                   | 110,000                            | \$3,299,160       | \$66,041,453                                | 66                       | 51.80     | Cornelius T. Driscoll.  | June 1, 1901  |
| New Orleans, La.....       | 22½                   | 325,000                            | 14,562,348        | 141,000,000                                 | 100                      | 2.20      | Walter C. Flower.....   | May 4, 1900   |
| Newport, R. I.....         | 7 3-10                | 24,000                             | 641,000           | 38,121,360                                  | 75                       | 1.10      | Patrick J. Boyle.....   | Jan. 3, 1901  |
| Newton, Mass.....          | 20                    | 30,461                             | 4,261,446         | 56,411,620                                  | 100                      | 1.54      | F. B. Wilson.....       | Jan. 10, 1901 |
| New York City.....         | 307½                  | 3,595,936                          | (0)               | 3,478,552,029                               | 100                      | 5         | Robert A. Van Wyck.     | Jan. 1, 1902  |
| Omaha, Neb.....            | 24½                   | 160,000                            | 3,396,100         | 31,900,399                                  | 25                       | 2.40      | Frank E. Moores.....    | Mar. - 1900   |
| Peoria, Ill.....           | 10                    | 65,000                             | 219,500           | 9,000,000                                   | 10                       | 8.85      | Henry W. Lynch.....     | May 6, 1901   |
| Philadelphia, Pa.....      | 129                   | 1,591,370                          | 35,163,295        | 41,228,596,991                              | 80                       | 1.55      | S. H. Ashbridge.....    | Apr. 6, 1903  |
| Pittsburgh, Pa.....        | 28¼                   | 325,000                            | 8,000,000         | 41,630,000,000                              | 89                       | 1.50      | Wm. J. Diehl.....       | Apr. 7, 1902  |
| Portland, Me.....          | 17½                   | 50,000                             | 1,822,907         | 44,630,960                                  | 100                      | 2.10      | Frank W. Robinson       | Mar. - 1900   |
| Portland, Ore.....         | 40                    | 92,000                             | 5,428,336         | 38,396,620                                  | 40                       | 8.00      | W. A. Struy.....        | June 1, 1900  |
| Poughkeepsie, N. Y.....    | 2¾                    | 29,000                             | 1,688,000         | 13,394,875                                  | 75                       | 2.31      | Isaac W. Sherrill.....  | Dec. 31, 1900 |
| Providence, R. I.....      | 18¼                   | 170,000                            | 14,458,572        | 188,501,780                                 | 100                      | 1.65      | William C. Baker.....   | Jan. 1, 1901  |
| Quincy, Ill.....           | 7½                    | 45,000                             | 1,300,000         | 6,000,900                                   | 8                        | 6.00      | John A. Steinbach.....  | May 1, 1901   |
| Reading, Pa.....           | 5                     | 90,000                             | 1,452,500         | 42,576,840                                  | 100                      | 1.20      | Adam H. Leaver.....     | Apr. 1, 1902  |
| Richmond, Va.....          | 5                     | 100,000                            | 7,228,682         | 68,259,248                                  | 100                      | 1.40      | Richard M. Taylor.....  | June 30, 1900 |
| Rochester, N. Y.....       | 18¼                   | 177,000                            | 9,917,220         | 112,743,400                                 | 75                       | 1.60      | George A. Carnahan      | Jan. 1, 1902  |
| Rockford, Ill.....         | 8                     | 35,000                             | 296,860           | 5,563,401                                   | 24                       | 5.64      | W. Brown.....           | May 1, 1902   |
| Sacramento, Cal.....       | 5½                    | 35,000                             | 150,000           | 15,430,000                                  | 60                       | 1.50      | George H. Clark.....    | Jan. 1, 1902  |
| Saginaw, Mich.....         | 12½                   | 60,000                             | 1,284,000         | 15,018,265                                  | 65                       | 2.17      | William B. Baum.....    | Apr. 2, 1900  |
| San Diego, Cal.....        | 76                    | 22,000                             | 287,000           | 12,408,675                                  | 50                       | 1.60      | Edwin M. Capps.....     | May 1, 1901   |
| San Francisco, Cal.....    | 41¾                   | 350,000                            | 54,066            | 44,405,111,000                              | 75                       | 1.65      | James D. Phelan.....    | Jan. 1, 1902  |
| Savannah, Ga.....          | 5                     | 68,600                             | 3,278,850         | 36,300,000                                  | 75                       | 1.45      | Herman Myers.....       | Jan. 31, 1901 |
| Sennechady, N. Y.....      | 4¾                    | 30,000                             | 692,000           | 11,897,100                                  | 75                       | 2.22      | John H. White.....      | Dec. 31, 1901 |
| Scranton, Pa.....          | 21                    | 125,000                            | 5,546,811         | 31,000,000                                  | 33                       | 3.00      | James Moir.....         | Apr. 1, 1902  |
| Seattle, Wash.....         | 28                    | 80,000                             | 3,520,000         | 32,263,292                                  | 60                       | 2.25      | Thos. J. Humes.....     | Mar. 19, 1900 |
| Sioux City, Iowa.....      | 47                    | 50,000                             | 1,132,788         | 5,800,000                                   | 25                       | 6.65      | John H. Quick.....      | Apr. 1, 1900  |
| Somerville, Mass.....      | 4¾                    | 62,000                             | 1,502,500         | 51,201,350                                  | 100                      | 1.63      | GEORGE O. PROCTOR       | Jan. 2, 1901  |
| Springfield, Ill.....      | 5½                    | 40,000                             | 902,350           | 6,274,505                                   | 20                       | 6.50      | L. E. Wheeler.....      | Apr. 8, 1901  |
| Springfield, Mass.....     | 26                    | 61,238                             | 1,730,703         | 69,869,847                                  | 85                       | 1.36      | William P. Hayes.....   | Jan. 3, 1901  |
| Springfield, O.....        | 9                     | 45,000                             | 872,000           | 17,075,000                                  | 60                       | 2.26      | Samuel Boelvas.....     | Apr. 14, 1901 |
| St. Joseph, Mo.....        | 7                     | 75,000                             | 1,105,534         | 21,914,740                                  | 40                       | 2.80      | P. J. Kirschner.....    | Apr. 16, 1900 |
| St. Louis, Mo.....         | 62½                   | 621,000                            | 19,503,384        | 47,373,501,963                              | 65                       | 1.95      | Henry Ziegenhein.....   | Apr. 8, 1901  |
| St. Paul, Minn.....        | 65                    | 200,000                            | 7,642,000         | 95,000,000                                  | 60                       | 2.10      | Andrew R. Kiefer.....   | June 7, 1900  |
| Syracuse, N. Y. (b).....   | 22½                   | 130,000                            | 5,618,500         | 78,069,009                                  | 88                       | 1.92      | James K. McGuire.....   | Dec. 31, 1901 |
| Tacoma, Wash.....          | 26                    | 48,000                             | 4,420,944         | 22,549,840                                  | 80                       | 1.15      | Johnson Kellie.....     | Apr. 17, 1900 |
| Taunton, Mass.....         | 44¼                   | 30,000                             | 1,156,334         | 20,518,320                                  | 100                      | 1.89      | Arthur M. Alger.....    | Jan. 1, 1901  |
| Toledo, O.....             | 30                    | 160,000                            | 5,404,304         | 50,898,670                                  | 33½                      | 3.50      | Samuel M. Jones.....    | Apr. 1, 1901  |
| Topeka, Kan.....           | 6¼                    | 36,236                             | 895,497           | 8,854,794                                   | 33½                      | 1.85      | C. J. Drew.....         | Apr. 1, 1901  |
| Troy, N. Y.....            | 5½                    | 65,000                             | 1,345,624         | 47,777,058                                  | 100                      | 1.25      | Dani'l J. Conway††      | Dec. 31, 1901 |
| Utica, N. Y.....           | 8½                    | 60,000                             | 377,504           | 37,795,638                                  | 100                      | 1.36      | Rich'd W. Sherman       | Dec. 31, 1901 |
| Washington, D. C.....      | 10 1-5                | 232,462                            | See foot of page. |   |                          |           |                         |               |
| Wilkes-Barre, Pa. (b)..... | 5                     | 57,000                             | 795,034           | 8,747,474                                   | 20                       | 4.70      | Francis M. Nichols..... | Apr. 1, 1901  |
| Williamsport, Pa.....      | 6¼                    | 35,000                             | 663,421           | 9,142,036                                   | 60                       | 1.48      | Samuel N. Williams      | Apr. 1, 1902  |
| Wilmington, Del.....       | 10¼                   | 75,000                             | 2,034,450         | 40,000,000                                  | 100                      | 1.40      | John C. Pusey.....      | July 1, 1901  |
| Worcester, Mass.....       | 36                    | 112,000                            | 4,123,169         | 112,336,099                                 | 100                      | 1.60      | Rufus B. Dodge, Jr.     | Jan. 1, 1901  |
| Yonkers, N. Y.....         | 21                    | 45,000                             | 2,871,013         | 36,439,320                                  | ..                       | 2.18      | Leslie Sutherland.....  | Dec. 1, 1901  |

Democrats in *Italics*. Republicans in Roman; Citizens, Populist, Independent, Prohibition, or non-Political in SMALL CAPS. ††May-r Conway defines his politics as "Republican and Progressive Democrat." †† For division of realty and personalty see preceding page.

\* This is the percentage of assessment upon actual valuation. † Tax on each \$100 of assessed valuation for all purposes. ‡ Population of the boroughs as follows: Manhattan, 1,969,223; the Bronx, 168,867; Brooklyn, 1,245,226; Queens, 133,366; Richmond, 68,254. Area in square miles—Manhattan, 21.07; Bronx, 39.33; Brooklyn, 65.77; Queens, 123.98; Richmond, 57.19. Taxable valuations—Manhattan and Bronx, realty, \$2,178,605,905; personalty, \$490,482,930; Brooklyn, realty, \$69,822,267; personalty, \$45,270,713; Queens, realty, \$103,752,600; personalty, \$6,314,032; Richmond, realty, \$40,264,692; personalty, \$3,838,890. ‡ Tax rate, Manhattan and Bronx, \$2.48; Brooklyn, \$2.36; Queens, \$3.27; Richmond, \$2.42. (a) Bonded debt, \$289,379,050. (b) Report of Jan. 1, 1899.

GOVERNMENT OF THE DISTRICT OF COLUMBIA.

The government of the District of Columbia is vested by act of Congress, approved July 11, 1878, in three Commissioners, two of whom are appointed by the President from citizens of the District having had three years' residence therein immediately preceding that appointment, and confirmed by the Senate. The other Commissioner is detailed by the President of the United States from the Corps of Engineers of the United States Army, and must have lineal rank senior to Captain, or be a Captain who has served at least fifteen years in the Corps of Engineers of the Army. The Commissioners appoint the subordinate official service of said government. The present Commissioners are John B. Wight (Republican), President, whose term will expire May 5, 1900; John W. Ross (Democrat), whose term will also expire May 5, 1900; Captain Lausig H. Beach (non-partisan), Corps of Engineers, United States Army, detailed during the pleasure of the President of the United States. The Secretary is William Tindall. The offices of the Commissioners are 464 Louisiana Avenue, N. W., Washington.

Washington had a municipal government from 1802 to 1871. By an act approved February 21, 1871, Congress provided a territorial form of government for the entire District of Columbia, with a Governor, Secretary, Board of Public Works, and Council, appointed by the President of the United States, and a House of Delegates and a delegate in Congress elected by the citizens of said district. This form of government was abolished June 20, 1874, and a temporary government by three Commissioners substituted. The temporary government by three Commissioners was incorporated by act of July 11, 1878. Congress makes all laws for the District, and has intrusted to the Commissioners authority to make police regulations, building regulations, plumbing regulations, and other regulations of a municipal nature. For area, population, assessed valuation, etc., see preceding page.

## THE THIRTEEN ORIGINAL STATES.

| STATES. |                    | Ratified the Constitution. | STATES. |                     | Ratified the Constitution. |
|---------|--------------------|----------------------------|---------|---------------------|----------------------------|
| 1       | Delaware .....     | 1787, December 7.          | 8       | South Carolina..... | 1788, May 23.              |
| 2       | Pennsylvania ..... | 1787, December 12.         | 9       | New Hampshire.....  | 1788, June 21.             |
| 3       | New Jersey.....    | 1787, December 18.         | 10      | Virginia.....       | 1788, June 26.             |
| 4       | Georgia.....       | 1788, January 2.           | 11      | New York.....       | 1788, July 26.             |
| 5       | Connecticut.....   | 1788, January 9.           | 12      | North Carolina..... | 1789, November 21.         |
| 6       | Massachusetts..... | 1788, February 6.          | 13      | Rhode Island.....   | 1790, May 29.              |
| 7       | Maryland.....      | 1788, April 28.            |         |                     |                            |

## STATES ADMITTED TO THE UNION.

| STATES. |                  | Admitted.*         | STATES. |                    | Admitted.*         |
|---------|------------------|--------------------|---------|--------------------|--------------------|
| 1       | Vermont .....    | 1791, March 4.     | 17      | Wisconsin.....     | 1848, May 29.      |
| 2       | Kentucky.....    | 1792, June 1.      | 18      | California.....    | 1850, September 9. |
| 3       | Tennessee.....   | 1796, June 1.      | 19      | Minnesota.....     | 1858, May 11.      |
| 4       | Ohio.....        | 1803, February 19. | 20      | Oregon.....        | 1859, February 14. |
| 5       | Louisiana.....   | 1812, April 30.    | 21      | Kansas.....        | 1861, January 29.  |
| 6       | Indiana.....     | 1816, December 11. | 22      | West Virginia..... | 1863, June 19.     |
| 7       | Mississippi..... | 1817, December 10. | 23      | Nevada.....        | 1864, October 31.  |
| 8       | Illinois.....    | 1818, December 3.  | 24      | Nebraska.....      | 1867, March 1.     |
| 9       | Alabama.....     | 1819, December 14. | 25      | Colorado.....      | 1876, August 1.    |
| 10      | Maine.....       | 1820, March 15.    | 26      | North Dakota.....  | 18-9, November 2.  |
| 11      | Missouri.....    | 1821, August 10.   | 27      | South Dakota.....  | 1889, November 2.  |
| 12      | Arkansas.....    | 1836, June 15.     | 28      | Montana.....       | 1889, November 8.  |
| 13      | Michigan.....    | 1837, January 26.  | 29      | Washington.....    | 1889, November 11. |
| 14      | Florida.....     | 1845, March 3.     | 30      | Idaho.....         | 1890, July 3.      |
| 15      | Texas.....       | 1845, December 29. | 31      | Wyoming.....       | 1890, July 11.     |
| 16      | Iowa.....        | 1846, December 28. | 32      | Utah.....          | 1896, January 4.   |

## The Territories.

| TERRITORIES. |                 | Organized.        | TERRITORIES. |                           | Organized.                         |
|--------------|-----------------|-------------------|--------------|---------------------------|------------------------------------|
|              | New Mexico..... | September 9, 1850 |              | District of Columbia..... | { July 16, 1790<br>{ March 3, 1791 |
|              | Arizona.....    | February 24, 1863 |              | District of Alaska.....   | { July 27, 1868<br>{ May 2, 1890   |
|              | Indian T.....   | June 30, 1834     |              | Oklahoma.....             |                                    |

\* Date when admission took effect is given from U. S. Census reports. In many instances the act of admission by Congress was passed on a previous date. Ohio was recognized as a State by Congress on the date given. The Census reports make the date November 29, 1802, the day the Convention to form a Constitution adjourned. † The Indian Territory has no organized territorial government.

NEW COLONIAL POSSESSIONS.—Provision will be made in the Fifty-sixth Congress for the organization of new civil governments for Hawaii, Porto Rico, Guam, Tutuila (Samoa), and the Philippine Islands. At present the first named continues under the old government. Porto Rico and the Philippines are governed as military departments, and Guam by a Governor appointed by the President.

## State and Territorial Statistics.

| STATES AND TERRITORIES. | Gross Area in Square Miles.* | Extreme Breadth, Miles.† | Extreme Length, Miles. | Capitals.     | STATES AND TERRITORIES. | Gross Area in Square Miles.* | Extreme Breadth, Miles.† | Extreme Length, Miles. | Capitals.     |
|-------------------------|------------------------------|--------------------------|------------------------|---------------|-------------------------|------------------------------|--------------------------|------------------------|---------------|
| Alabama.....            | 51,756                       | 200                      | 330                    | Montgomery    | Montana.....            | 147,061                      | 580                      | 315                    | Helena.       |
| Alaska Ter.....         | 589,446                      | 800                      | 1,100                  | Sitka.        | Nebraska.....           | 77,531                       | 415                      | 205                    | Lincoln.      |
| Arizona Ter.....        | 113,540                      | 335                      | 390                    | Phoenix.      | Nevada.....             | 110,679                      | 315                      | 485                    | Carson City.  |
| Arkansas.....           | 53,228                       | 275                      | 240                    | Little Rock.  | New Hamp.....           | 9,377                        | 90                       | 185                    | Concord.      |
| California.....         | 158,233                      | 375                      | 770                    | Sacramento.   | New Jersey..            | 8,175                        | 70                       | 150                    | Trenton.      |
| Colorado.....           | 103,969                      | 390                      | 270                    | Denver.       | N. Mexico T..           | 122,687                      | 350                      | 390                    | Santa Fé.     |
| Connecticut.....        | 5,612                        | 90                       | 75                     | Hartford.     | New York.....           | 53,719                       | 330                      | 310                    | Albany.       |
| Delaware.....           | 2,380                        | 35                       | 110                    | Dover.        | N. Carolina..           | 52,574                       | 520                      | 390                    | Raleigh.      |
| Dist. of Col.....       | 1,169                        | 9                        | 10                     | Washington.   | N. Dakota....           | 70,879                       | 360                      | 210                    | Bismarck.     |
| Florida.....            | 58,964                       | 400                      | 460                    | Tallahassee.  | Ohio.....               | 44,464                       | 280                      | 205                    | Columbus.     |
| Georgia.....            | 59,435                       | 250                      | 315                    | Atlanta.      | Oklahoma T..            | 338,958                      | 365                      | 510                    | Guthrie.      |
| Idaho.....              | 83,828                       | 305                      | 490                    | Boise City.   | Oregon.....             | 96,838                       | 375                      | 290                    | Salem.        |
| Illinois.....           | 58,354                       | 205                      | 380                    | Springfield.  | Pennsylvania            | 45,828                       | 300                      | 180                    | Harrisburg.   |
| Indiana.....            | 36,627                       | 150                      | 265                    | Indianapolis. | Rhode Island.           | 1,247                        | 85                       | 50                     | New & Prov.   |
| Indian Ter.....         | 31,154                       | 210                      | 210                    |               | S. Carolina..           | 31,048                       | 225                      | 215                    | Columbia.     |
| Iowa.....               | 55,270                       | 300                      | 210                    | Des Moines.   | South Dakota.           | 77,580                       | 380                      | 245                    | Pierre.       |
| Kansas.....             | 82,236                       | 400                      | 200                    | Topeka.       | Tennessee....           | 42,056                       | 430                      | 120                    | Nashville.    |
| Kentucky.....           | 40,532                       | 350                      | 175                    | Frankfort.    | Texas.....              | 266,011                      | 760                      | 620                    | Austin.       |
| Louisiana.....          | 49,625                       | 280                      | 275                    | Baton Rouge   | Utah.....               | 84,928                       | 275                      | 345                    | Salt Lake C'y |
| Maine.....              | 33,639                       | 205                      | 235                    | Augusta.      | Vermont.....            | 9,563                        | 90                       | 155                    | Montpelier.   |
| Maryland.....           | 12,297                       | 200                      | 120                    | Annapolis.    | Virginia.....           | 42,230                       | 425                      | 205                    | Richmond.     |
| Massachusetts           | 8,546                        | 190                      | 110                    | Boston.       | Washington..            | 70,574                       | 340                      | 230                    | Olympia.      |
| Michigan.....           | 97,990                       | 310                      | 400                    | Lansing.      | W. Virginia..           | 24,504                       | 200                      | 225                    | Charleston.   |
| Minnesota.....          | 86,355                       | 250                      | 400                    | St. Paul.     | Wisconsin....           | 65,805                       | 290                      | 300                    | Madison.      |
| Mississippi.....        | 43,914                       | 180                      | 340                    | Jackson.      | Wyoming.....            | 97,878                       | 365                      | 275                    | Cheyenne.     |
| Missouri.....           | 69,137                       | 300                      | 280                    | Jefferson C'y |                         |                              |                          |                        |               |
|                         |                              |                          |                        |               | Total U. S..            | 3,692,125                    | 1,270                    | 1,600                  |               |

Areas of the new colonial possessions: Philippines, 143,000 square miles; Porto Rico, 3,600; Hawaii, 6,740; Tutuila, 6,000; Guam, 54 (the General Land Office gives 175).

\* Gross area includes water as well as land surface. These areas are the latest (1899) officially published by the United States General Land Office. † Breadth is from east to west. Length is from north to south. ‡ The District of Columbia was originally 100 square miles, but 30 miles were ceded to Virginia in 1846. § Including the Cherokee Strip and No Man's Land. ¶ Breadth from Quoddy Head, in Maine, to Cape Flattery, in Washington; length from the 49th parallel to Brownsville, on the Rio Grande. This is exclusive of Alaska.

| STATES AND TERRITORIES. | GOVERNORS.              |          |                     |               | LEGISLATURES.        |               |                   | Time of Next State or Territorial Election. |
|-------------------------|-------------------------|----------|---------------------|---------------|----------------------|---------------|-------------------|---|
|                         | Names.                  | Salaries | Length Term, Years. | Terms Expire. | Next Session Begins. | Ann. or Bien. | Limit of Session. |   |
| Alabama.....            | Joseph F. Johnston..... | \$3,000  | 2                   | Dec. 1, 1900  | Nov. 13, 1900        | Bien.         | 50 dys            | Aug. 6, 1900                                |
| Alaska.....             | John G. Brady*          | 3,000    | 4                   | Sept. 2, 1901 |                      |               |                   |   |
| Arizona.....            | N. O. Murphy.....       | 2,600    | 4                   | Apr. 21, 1901 | Jan. 16, 1901        | Bien.         | 60 dys            | Nov. 6, 1900                                |
| Arkansas.....           | Dan. W. Jones.....      | 3,500    | 2                   | Jan. 18, 1901 | Jan. 14, 1901        | Bien.         | 60 dys            | Sept. 3, 1900                               |
| California.....         | Henry T. Gage.....      | 6,000    | 4                   | Dec. 31, 1902 | Jan. 7, 1901         | Bien.         | 60 dys            | Nov. 4, 1902                                |
| Colorado.....           | Chas. S. Thomas.....    | 5,000    | 2                   | Jan. 10, 1901 | Jan. 2, 1901         | Bien.         | 90 dys            | Nov. 6, 1900                                |
| Connecticut.....        | George E. Lousbury..... | 4,000    | 2                   | Jan. 4, 1901  | Jan. 9, 1901         | Bien.         | None              | Nov. 6, 1900                                |
| Delaware.....           | Ebe W. Tinnell.....     | 2,000    | 4                   | Jan. 19, 1901 | Jan. 1, 1901         | Bien.         | 60 dys            | Nov. 6, 1900                                |
| Florida.....            | William D. Blocham..... | 3,500    | 4                   | Jan. 1, 1901  | Apr. 2, 1901         | Bien.         | 60 dys            | Nov. 6, 1900                                |
| Georgia.....            | Allen D. Candler.....   | 3,000    | 2                   | Nov. 1, 1900  | Oct. 24, 1900        | Ann.          | 50 dys            | Oct. 3, 1900                                |
| Idaho.....              | Frank Steunenberg.....  | 3,000    | 2                   | Jan. 5, 1901  | Jan. 7, 1901         | Bien.         | 60 dys            | Nov. 6, 1900                                |
| Illinois.....           | John R. Tanner.....     | 6,000    | 4                   | Jan. 11, 1901 | Jan. 9, 1901         | Bien.         | None              | Nov. 6, 1900                                |
| Indiana.....            | James A. Mount.....     | 5,000    | 4                   | Jan. 7, 1901  | Jan. 10, 1901        | Bien.         | 60 dys            | Nov. 6, 1900                                |
| Iowa.....               | Leslie M. Shaw.....     | 3,000    | 2                   | Jan. 1, 1902  | Jan. 14, 1902        | Bien.         | None              | Nov. 6, 1900                                |
| Kansas.....             | W. E. Stanley.....      | 3,000    | 2                   | Jan. 11, 1901 | Jan. 7, 1901         | Bien.         | 40 dys            | Nov. 6, 1900                                |
| Kentucky.....           | William S. Taylor.....  | 6,500    | 4                   | Dec. 12, 1903 | Jan. 6, 1902         | Bien.         | 60 dys            | Nov. 6, 1903                                |
| Louisiana.....          | Murphy J. Foster.....   | 5,000    | 4                   | Apr. 30, 1900 | May 14, 1900         | Bien.         | 60 dys            | Apr. 17, 1900                               |
| Maine.....              | Llewellyn Powers.....   | 2,000    | 2                   | Jan. 1, 1901  | Jan. 2, 1901         | Bien.         | None              | Sept. 10, 1900                              |
| Maryland.....           | John W. Smith.....      | 4,500    | 4                   | Jan. 8, 1904  | Jan. 1, 1902         | Bien.         | 90 dys            | Nov. 5, 1901                                |
| Massachusetts.....      | W. Murray Crane.....    | 8,600    | 1                   | Jan. 3, 1901  | Jan. 2, 1900         | Ann.          | None              | Nov. 6, 1900                                |
| Michigan.....           | Hazen S. Pingree.....   | 4,000    | 2                   | Dec. 21, 1900 | Jan. 2, 1901         | Bien.         | None              | Nov. 6, 1900                                |
| Minnesota.....          | JOHN LIND.....          | 5,000    | 2                   | Jan. 1, 1901  | Jan. 2, 1901         | Bien.         | 90 dys            | Nov. 6, 1900                                |
| Mississippi.....        | A. H. Lehman.....       | 3,500    | 4                   | Jan. 1, 1904  | Jan. 7, 1902         | Bien.         | None              | Nov. 3, 1903                                |
| Missouri.....           | Lon F. Stephens.....    | 5,000    | 4                   | Jan. 1, 1901  | Jan. 9, 1901         | Bien.         | 70 dys            | Nov. 6, 1900                                |
| Montana.....            | ROBERT E. SMITH.....    | 5,000    | 4                   | Jan. 4, 1901  | Jan. 7, 1901         | Bien.         | 60 dys            | Nov. 6, 1900                                |
| Nebraska.....           | WM. A. POYNTER.....     | 2,500    | 2                   | Jan. 3, 1901  | Jan. 1, 1901         | Bien.         | 60 dys            | Nov. 6, 1900                                |
| Nevada.....             | FRANK W. SADLER.....    | 4,000    | 4                   | Jan. 1, 1903  | Jan. 21, 1901        | Bien.         | 50 dys            | Nov. 4, 1902                                |
| N Hampshire.....        | Reinhold Sadler.....    | 2,000    | 2                   | Jan. 8, 1901  | Jan. 2, 1901         | Bien.         | None              | Nov. 6, 1900                                |
| New Jersey.....         | Frank W. Rollins.....   | 10,000   | 3                   | Jan. 16, 1902 | Jan. 4, 1900         | Ann.          | None              | Nov. 6, 1900                                |
| New Mexico.....         | Poster M. Voorhees..... | 2,500    | 4                   | Jan. 1, 1901  | Jan. 21, 1900        | Bien.         | 60 dys            | Nov. 6, 1903                                |
| New York.....           | Miguel A. Otero.....    | 10,000   | 2                   | Dec. 31, 1900 | Jan. 3, 1900         | Ann.          | None              | Nov. 6, 1900                                |
| N. Carolina.....        | Theodore Roosevelt..... | 3,000    | 4                   | Jan. 1, 1901  | Jan. 2, 1900         | Bien.         | 60 dys            | Aug. 2, 1900                                |
| North Dakota.....       | Daniel L. Russell.....  | 3,000    | 2                   | Jan. 1, 1901  | Jan. 8, 1901         | Bien.         | 60 dys            | Nov. 6, 1900                                |
| Ohio.....               | E. B. Fancher.....      | 8,000    | 2                   | Jan. 13, 1902 | Jan. 1, 1901         | Bien.         | None              | Nov. 6, 1900                                |
| Oklahoma.....           | George K. Nash.....     | 2,600    | 4                   | May 6, 1901   | Jan. 8, 1901         | Bien.         | 60 dys            | Nov. 6, 1900                                |
| Oregon.....             | C. M. Barnes*.....      | 1,500    | 4                   | Jan. 8, 1903  | Jan. 14, 1900        | Bien.         | 40 dys            | June 2, 1902                                |
| Pennsylvania.....       | T. T. Geer.....         | 10,000   | 4                   | Jan. 17, 1903 | Jan. 1, 1901         | Bien.         | None              | Nov. 6, 1900                                |
| Rhode Island.....       | Wm. A. Stone.....       | 3,000    | 1                   | May 29, 1900  | May 29, 1900         | Ann.          | None              | Apr. 4, 1900                                |
| S. Carolina.....        | Elisha Dyer.....        | 3,000    | 2                   | Jan. 18, 1901 | Jan. 8, 1901         | Ann.          | 40 dys            | Nov. 6, 1900                                |
| South Dakota.....       | M. B. McSweeney.....    | 2,500    | 2                   | Jan. 1, 1901  | Jan. 8, 1901         | Bien.         | 60 dys            | Nov. 6, 1900                                |
| Tennessee.....          | ANDREW F. LEE.....      | 4,000    | 2                   | Jan. 15, 1901 | Jan. 7, 1900         | Bien.         | 75 dys            | Nov. 6, 1900                                |
| Texas.....              | Benton McMillin.....    | 4,000    | 2                   | Jan. 15, 1901 | Jan. 8, 1901         | Bien.         | None              | Nov. 6, 1900                                |
| Utah.....               | Joseph D. Sawyer.....   | 2,000    | 4                   | Jan. 12, 1901 | Jan. 14, 1901        | Bien.         | 60 dys            | Nov. 6, 1900                                |
| Vermont.....            | Heber M. Wells.....     | 1,500    | 2                   | Oct. 3, 1900  | Oct. 3, 1900         | Bien.         | None              | Sept. 4, 1900                               |
| Virginia.....           | Edward C. Smith.....    | 5,000    | 4                   | Jan. 1, 1902  | Dec. 4, 1901         | Bien.         | 90 dys            | Nov. 5, 1901                                |
| Washington.....         | J. Hoge Tyler.....      | 4,000    | 4                   | Jan. 11, 1901 | Jan. 14, 1901        | Bien.         | 90 dys            | Nov. 6, 1900                                |
| West Virginia.....      | J. R. ROGERS.....       | 2,000    | 4                   | Mar. 4, 1901  | Jan. 9, 1900         | Bien.         | 45 dys            | Nov. 6, 1900                                |
| Wisconsin.....          | George W. Atkinson..... | 5,000    | 2                   | Jan. 7, 1901  | Jan. 9, 1901         | Bien.         | None              | Nov. 6, 1900                                |
| Wyoming.....            | Edward Scheffel.....    | 2,500    | 4                   | Jan. 2, 1903  | Jan. 8, 1901         | Bien.         | 40 dys            | Nov. 6, 1900                                |
|                         | De Forest Richards..... | 2,500    | 4                   | Jan. 2, 1903  | Jan. 8, 1901         | Bien.         | 40 dys            | Nov. 6, 1900                                |

Democratic Governors in *italics*, Republicans in Roman, Silver party and Populist in SMALL CAP. \* Territorial Governors are appointed by the President. † November 6, 1900, Nevada elects one Supreme Court Judge and one Congressman. ‡ Election for Representative in Congress and for Presidential electors November 6, 1900, also members of Legislature and county officers. Next general election for State officers November 6, 1902. Next Presidential election, November 6, 1900.

NOTE.—The organization of new civil governments for Hawaii, Porto Rico, Guam, Tutuila (Samoa), and the Philippines will be provided for by the Fifty-sixth Congress.

PAY AND TERMS OF MEMBERS OF LEGISLATURES.

| STATES AND TERRITORIES. | Salaries of Members, Annual or Per Diem, while in Session. | TERMS OF MEMBERS, YEARS. |                  | STATES AND TERRITORIES. | Salaries of Members, Annual or Per Diem, while in Session. | TERMS OF MEMBERS, YEARS. |                  | STATES AND TERRITORIES. | Salaries of Members, Annual or Per Diem, while in Session. | TERMS OF MEMBERS, YEARS. |                  |
|-------------------------|--|--------------------------|------------------|-------------------------|--|--------------------------|------------------|-------------------------|--|--------------------------|------------------|
|                         |  | Senators.                | Representatives. |                         |  | Senators.                | Representatives. |                         |  | Senators.                | Representatives. |
| Alabama*                | \$4 per diem   | 4                        | 2                | Maine*.....             | \$150 ann....  | 2                        | 2                | Ohio*.....              | \$600 ann....  | 2                        | 2                |
| Arizona*                | \$4 ..   | 2                        | 2                | Maryland*               | \$5 per diem   | 4                        | 3                | Oklahoma*               | \$4 per diem   | 2                        | 2                |
| Arkansas*               | \$6 ..   | 4                        | 2                | Mass.*.....             | \$50 ann....   | 1                        | 1                | Oregon*                 | \$3 ..   | 4                        | 2                |
| California*             | \$8 ..   | 4                        | 2                | Michigan*               | \$5 per diem   | 2                        | 2                | Penna.*.....            | \$1,500 ann....  | 4                        | 2                |
| Colorado*               | \$7 ..   | 4                        | 2                | Miss.*.....             | \$5 ..   | 4                        | 2                | R. Island*              | \$1 per diem   | 1                        | 1                |
| Conn.*.....             | \$300 ann....  | 2                        | 2                | Mississippi*            | \$400 ann....  | 4                        | 4                | S. Carolina*            | \$2 ..   | 4                        | 2                |
| Delaware*               | \$5 per diem   | 4                        | 2                | Missouri*               | \$5 per diem   | 4                        | 2                | S. Dakota*              | \$5 ..   | 4                        | 2                |
| Florida*                | \$6 ..   | 4                        | 2                | Montana*                | \$6 ..   | 4                        | 2                | Tenn.*.....             | \$4 ..   | 2                        | 2                |
| Georgia*                | \$4 ..   | 2                        | 2                | Nebraska*               | \$300 ann....  | 2                        | 2                | Texas*.....             | \$5 ..   | 4                        | 2                |
| Idaho*                  | \$5 ..   | 2                        | 2                | Nevada*                 | \$2 per diem   | 4                        | 2                | Utah*.....              | \$4 ..   | 4                        | 2                |
| Illinois*               | \$1,000 ses'n.   | 4                        | 2                | N. Hamp.*               | \$200 ann....  | 2                        | 2                | Vermont*                | \$3 ..   | 4                        | 2                |
| Indiana*                | \$6 per diem   | 4                        | 2                | N. Jersey*              | \$500 ..   | 3                        | 1                | Virginia*               | \$4 ..   | 4                        | 2                |
| Iowa*                   | \$550 p term   | 4                        | 2                | N. Mexico*              | \$4 per diem   | 2                        | 2                | Wash'ton*               | \$5 ..   | 4                        | 2                |
| Kansas*                 | \$3 per diem   | 4                        | 2                | N. York*                | \$1,500 ann....  | 2                        | 1                | W. Va.*.....            | \$4 ..   | 4                        | 2                |
| Kent'cky*               | \$5 ..   | 4                        | 2                | N. Caro'la*             | \$4 per diem   | 2                        | 2                | Wisconsin*              | \$500 ann....  | 4                        | 2                |
| Louisiana*              | \$5 ..   | 4                        | 4                | N. Dak.*.....           | \$5 ..   | 4                        | 2                | Wyoming*                | \$2 per diem   | 4                        | 2                |

\* States started pay mileage also with annual or per diem salaries.

The Federal Government.

President.....WILLIAM MCKINLEY, of Ohio,\* salary, \$50,000.  
 Vice-President.....VACANT†..... " 8,000.

THE CABINET.

Arranged in the order of succession for the Presidency declared by Chapter 4, Acts of 49th Congress, 1st Session. ‡

Secretary of State—John Hay, of Ohio.  
 Secretary Treasury—Lyman J. Gage, of Ill.  
 Secretary War—Elihu Root, of N. Y.  
 Attorney-General—John W. Griggs, of N. J.  
 Postmaster-General—Charles E. Smith, of Pa.  
 Secretary Navy—John D. Long, of Mass.  
 Secretary Interior—Ethan A. Hitchcock, of Mo.  
 Secretary Agriculture—James Wilson, of Iowa.

The salaries of the Cabinet officers are \$8,000 each.

THE DEPARTMENTS.

STATE DEPARTMENT.

Assistant Secretary—David J. Hill, N. Y.....\$4,500  
 Second Ass't Secretary—A. A. Adee, D. C..... 4,000  
 Third Ass't Secretary—Thos. W. Cridler, W. Va. 4,000  
 Chief Clerk—Wm. H. Michael, Neb..... 2,500  
 Ch. Dipl'tic Bureau—Sydney Y. Smith, D. C. 2,100  
 Ch. Consular Bureau—R. S. Chilton, Jr., D. C. 2,100  
 Ch. Indexes & Archives—Pendleton King, N. C. \$2,100  
 Ch. Bureau Accounts—Frank A. Branagan, O. 2,100  
 Ch. Bureau Rolls & Lib.—A. H. Allen, N. C. 2,100  
 Ch. Bureau Foreign Commerce—Frederic Emory, Md..... 2,100  
 Ch. Bureau Appointments—R. B. Mosher, Ky.. 2,100

TREASURY DEPARTMENT.

Assistant Secretary—Oliver L. Spaulding, Mich. \$4,500  
 Assistant Secretary—Horace A. Taylor, Wis. 4,500  
 Assistant Secretary—Frank A. Vanderlip, Ill 4,500  
 Chief Clerk—Theo. F. Swayze, N. J..... 3,000  
 Chief Appointment Div.—Chas. Lyman, Ct..... 2,750  
 Ch. Bookkeeping Div.—W. F. MacLeman, N. Y. 3,500  
 Ch. Public Monies Div.—E. B. Daskam, Ct. 2,500  
 Chief Customs Div.—Andrew Johnson, Va... 2,750  
 Chief & Cur. Div.—T. Huntington, Mass. 2,500  
 Ch. Stationery & P'p'g Div.—G. Simmonis, D. C. 2,500  
 Chief Mails and Files Div.—S. M. Galnes, Ky. 2,500  
 Chief Miscellaneous Div.—Lewis Jordan, Ind. 2,500  
 Supn. Insp.—Gen. Steam Vcs.—J. A. Dumont, N. Y. 3,500  
 Director of Mint—Geo. B. Roberts, Iowa 4,500  
 Government Actuary—Joseph S. McCoy, N. J. 1,800  
 Ch. Bur. Statistics—Oscar P. Austin, D. C. 3,000  
 Supt. Life-Saving Service—S. I. Kimball, Me. 4,000  
 Naval Sec'y Light-House Board—Thomas Perry..... 5,000  
 Superv. Surgeon-Gen.—Walter Wyman, Mo... 4,000  
 Ch. Bur. Eng. & Printing—C. M. Johnson, Ky. 4,500  
 Supervising Architect—James K. Taylor, Pa. \$4,500  
 Supt. Coast Survey—Henry S. Pritchett, Mo. 6,000  
 Com. of Navigation—E. T. Chamberlain, N. Y. 3,600  
 Compt. of Treasury—Robt. J. Tracewell, Ind. 5,500  
 Auditor for Treasury—Wm. E. Andrews, Neb. 4,000  
 Auditor for War Dept.—Frank H. Morris, O. 4,000  
 Auditor for Int'r Dept.—Wm. Youngblood, Ala. 4,000  
 Auditor for Navy Dept.—W. W. Brown, Pa... 4,000  
 Auditor for State, &c.—Ernest G. Timme, Wis. 4,000  
 Auditor for P. O. Dept.—Henry A. Castle, Minn. 4,000  
 Treasurer of U. S.—Ellis H. Roberts, N. Y.... 6,000  
 Assistant Treasurer—James F. Meline, Ohio... 3,600  
 Register Treasury—Judson W. Lyons, Ga..... 4,500  
 Deputy Register—Nolen L. Chew, Ind..... 2,250  
 Compt'r of Currency—Charles G. Dawes, Ill... 5,000  
 Commis. Internal Rev.—Geo. W. Wilson, O... 6,000  
 Dep. Com. Internal Rev.—R. Williams, Jr., La. 3,200  
 Solicitor Internal Rev.—Geo. M. Thomas..... 4,500  
 Solicitor of Treasury—M. D. O'Connell, Iowa. 5,000  
 Chief Secret Service—Jno. E. Wilkie, Ill..... 3,500  
 Supt. Immigration—T. V. Powderly, Pa..... 4,000

WAR DEPARTMENT.

Assistant Secretary—Geo. D. Meiklejohn, Neb. \$4,500  
 Chief Clerk—John C. Scofield..... 2,500  
 Disbursing Clerk—W. S. Yeatman, D. C..... 2,000  
 Adjutant-Gen.—Brig.-Gen. H. C. Corbin..... 5,500  
 Chief Clerk—R. P. Thian, N. Y..... 2,000  
 Commissary-Gen.—Col. J. F. Weston, acting... 2,000  
 Chief Clerk—W. A. DeCandry, Md..... 2,000  
 Surgeon-Gen.—Brig.-Gen. G. M. Sternberg.... 5,500  
 Ass't Surg.-Gen.—Col. Charles H. Alden..... 3,250  
 Chief Clerk—George A. Jones..... 2,000  
 Judge Adv.-Gen.—Brig.-Gen. G. N. Lieber, N. Y. 5,500  
 Chief Clerk—L. W. Call..... 2,000  
 Insp.—Gen.—Brig.-Gen. J. C. Breckinridge, Ky. 5,500  
 Chief Clerk—Warren H. Orcutt..... 1,800  
 Q'master-Gen.—Brig.-Gen. M. I. Ludington. \$5,500  
 Chief Clerk—Henry D. Saxton..... 2,000  
 Paymaster-Gen.—Brig.-Gen. Alfred E. Bates. 5,500  
 Chief Clerk—G. D. Hanson, D. C..... 2,000  
 Ch. of Engineers—Brig.-Gen. J. M. Wilson..... 5,500  
 Chief Clerk—William J. Warren, N. Y..... 2,000  
 Officer Charge Pub. Bldgs.—T. A. Bingham..... 4,500  
 Chief Clerk—E. F. Concklin, N. Y..... 2,100  
 Gardener—George H. Brown, D. C..... 1,800  
 Chief of Ordnance—Brig.-Gen. A. R. Buffington. 5,500  
 Chief Clerk—John J. Cook, D. C..... 2,000  
 Chief Signal Officer—Brig.-Gen. A. W. Greely.. 5,500  
 Chief Clerk—O. A. Nesmith..... 1,800  
 Ch. Rec. & Pen. Off.—Brig.-Gen. F. C. Ainsworth 5,500

NAVY DEPARTMENT.

Assistant Secretary—Chas. H. Allen, Mass.. \$4,500  
 Chief Clerk—J. F. Peters, Pa..... 2,500  
 Chief Yards and Docks—Civil Engineer M. T. Endicott..... 5,500  
 Chief Ordnance—Capt. Charles O'Neil..... 5,500  
 Chief Supplies and Accounts—Rear-Admiral Albert D. Kennedy..... 5,500  
 Chief Medicine—Rear-Adm. W. K. Van Ruypen 5,500  
 Chief Equipment—Rear-Adm. R. B. Bradford 5,500  
 Chief Constructor—Rear-Adm. P. Hiehorn..... 5,500  
 Chief Navigation—Rear-Adm. A. S. Crowninshield 5,500  
 Engineer-in-Chief—Rear-Adm. G. W. Melville 5,500  
 Judge-Adv.-Gen.—Capt. S. C. Lemly..... \$3,500  
 Inspector Pay Corps—F. C. Coshy..... 4,400  
 Pres. Nav. Exam. Board—Rear-Admiral J. A. Howell..... 6,375  
 Pres. Naval Rehr. Board—Rear-Admiral B. J. Cromwell..... 4,675  
 Ch. Intelligence Office—Commander R. Clover. 3,000  
 Supt. Naval Obs.—Capt. Chas. H. Davis..... 2,975  
 Director Nautical Alm.—Prof. H. D. Todd... 4,200  
 Hydrographer—Captain J. E. Craig..... 2,975  
 Marine Corps—Brig.-Gen. Chas. Heywood... 5,500

\* Private Secretary to the President, John Addison Porter, of Connecticut.

† Vacant by the death of Garet A. Hobart.

‡ The Department of Agriculture was made an executive department and the Secretary of Agriculture made a Cabinet officer after the passage of the Succession act of the 49th Congress.

## THE FEDERAL GOVERNMENT—Continued.

## POST-OFFICE DEPARTMENT.

|   |         |   |         |
|---|---------|---|---------|
| Chief Clerk—Blain W. Taylor, W. Va. ....            | \$2,500 | Supt. Foreign Mails—N. M. Brooks, Va. ....          | \$3,000 |
| First Assistant P. M. G.—Perry S. Heath, Ind. ....  | 4,000   | Supt. Money-Order—James T. Metcalf, Iowa. ....      | 3,000   |
| Second Ass't P. M. G.—W. S. Shallenberger, Pa. .... | 4,000   | Gen. Supt. Railway M. S.—Jas. E. White, Ill. ....   | 3,500   |
| Third Assistant P. M. G.—E. C. Madden, Mich. ....   | 4,000   | Supt. Dead-Letter Office—D. B. Leibhardt, Ind. .... | 2,500   |
| Fourth Ass't P. M. G.—J. L. Bristow, Kan. ....      | 4,000   | Chief P. O. Inspector—W. E. Cochran, Col. ....      | 3,000   |
| Appointment Clerk—John H. Robinson, Miss. ....      | 1,800   | Supt. and Disbursing Cl'k—R. B. Merchant, Va. ....  | 2,100   |

## INTERIOR DEPARTMENT.

|   |         |   |         |
|---|---------|---|---------|
| First Ass't Secretary—Thomas Ryan, Kan. ....                | \$4,500 | Second Deputy Com. of Pensions—Leverett M. Kelly, Ill. .... | \$3,600 |
| Assistant Secretary—Webster Davis, Mo. ....                 | 4,000   | Com. Ind. Affairs—Wm. A. Jones, Wis. ....                   | 4,000   |
| Chief Clerk—Edward M. Dawson, Md. ....                      | 2,750   | Ass't Commis.—A. Clarke Tomner, Ohio. ....                  | 3,000   |
| Ass't Atty.-Gen.—Willis Van Devanter, Wyo. ....             | 5,000   | Commis. Patents—Charles H. Duell, N. Y. ....                | 2,000   |
| Commis. Land Office—Binger Hermann, Ore. ....               | 5,000   | Ass't Commis.—Arthur P. Greeley, N. H. ....                 | 3,000   |
| Ass't Commis.—William A. Richards, Wyo. ....                | 3,500   | Commis. Railroads—James Longstreet, Ga. ....                | 4,500   |
| Commis. Education—Wm. T. Harris, Mass. ....                 | 3,000   | Dir. Geol. Surv.—Chas. D. Walcott, N. Y. ....               | 5,000   |
| Commis. Pensions—H. Clay Evans, Tenn. ....                  | 5,000   | Chief Clerk Geol. Survey—H. C. Rizer, Kan. ....             | 2,250   |
| First Deputy Com. of Pensions—Jas. L. Davenport, N. H. .... | 3,600   |   |         |

## DEPARTMENT OF JUSTICE.

|   |         |  |         |
|---|---------|--|---------|
| Solicitor-Gen.—John K. Richards, Ohio. ....                     | \$7,000 | Solicitor State Dept.—William J. Penfield, Ind. .... | \$3,500 |
| Ass't Atty.-Gen.—James E. Boyd, N. C. ....                      | 5,000   | Chief Clerk—Cecil Clay, W. Va. ....                  | 2,750   |
| Ass't Atty.-Gen.—John G. Thompson, Ill. ....                    | 5,000   | Solicitor Treasury—M. D. O'Connell, Iowa. ....       | 4,500   |
| Ass't Atty.-Gen.—Louis A. Pradt, Wis. ....                      | 5,000   | Solicitor Int. Rev.—Geo. Morgan Thomas, Ky. ....     | 4,500   |
| Ass't Atty.-Gen.—Henry M. Hoyt, Pa. ....                        | 5,000   | Law Clerk—A. J. Bentley, Ohio. ....                  | 2,700   |
| Ass't Atty.-Gen., Interior Dept.—Willis Van Devanter, Wyo. .... | 5,000   | General Agent—Frank Strong, Ark. ....                | 4,000   |
| Ass't Atty.-Gen., Post-Office Dept.—James N. Tyner, Ind. ....   | 4,000   | Appointment Clerk—Joseph P. Rudy, Pa. ....           | 1,800   |
|   |         | Atty. for Pardons—Jas. S. Easby-Smith, Ala. ....     | 2,400   |
|   |         | Disbursing Clerk—Henry Rechten, Ohio. ....           | 2,300   |

## DEPARTMENT OF AGRICULTURE.

|  |         |  |         |
|--|---------|--|---------|
| Ass't Secretary—Joseph H. Brigham, Ohio. ....                              | \$4,500 | Statistician—John Hyde, Neb. ....                      | \$3,000 |
| Private Secretary to the Secretary—James W. Wilson, Iowa. ....             | 2,250   | Chief Division Forestry—Gifford Pinchot, N. Y. ....    | 2,500   |
| Chief Clerk—Andrew Geddes, Iowa. ....                                      | 2,500   | Entomologist—L. O. Howard, N. Y. ....                  | 2,500   |
| Appointment Clerk—Joseph B. Bennett, Wis. ....                             | 2,000   | Chemist—H. W. Wiley, Ind. ....                         | 2,500   |
| Chief Weather Bureau—Willis L. Moore, Ill. ....                            | 4,500   | Chief Div. Biological Survey—C. H. Merriam, N. Y. .... | 2,500   |
| Chief Bur. Animal Indust.—D. E. Salmon, N. C. ....                         | 4,000   | Botanist—Frederick V. Coville, N. Y. ....              | 2,500   |
| Director Experiment Stations—A. C. True, Ct. ....                          | 3,000   | Pomologist—Gustavus B. Brackett, Iowa. ....            | 2,500   |
| Chief Div. Publications—Geo. Wm. Hill, Minn. ....                          | 2,500   | Special Agent Road Inquiry—Vacant. ....                |         |
| Chief Div. Accounts—F. L. Evans, Pa. ....                                  | 2,500   | Supt. Gardens and Grounds—W. Saunders, Pa. ....        | 2,500   |
| Chief Division Soils—Milton Whitney, Md. ....                              | 2,500   | Librarian—William P. Cutter, Utah. ....                | 1,800   |
| Agrostologist—F. Lamson Scribner, Tenn. ....                               | 2,500   | Chief of Supply Division—Cyrus B. Lower, Pa. ....      | 2,000   |
| Chief Division Vegetable Physiology and Pathology—B. T. Galloway, Mo. .... | 2,500   |  |         |

|  |         |   |  |
|--|---------|---|--|
| Civil Service Commis.—John R. Procter, Ky. ....              | \$3,500 | Commissioner-General to the Paris Exposition—Ferdinand W. Peck, Ill. .... |  |
| Civil Service Commis.—John B. Harlow, Mo. ....               | 3,500   | Sec. Intercolor Railway Com.—E. Z. Steever, Pa. ....                      |  |
| Civil Service Commis.—Mark B. Brewer, Mich. ....             | 3,500   | Sec. Smithsonian Institute—S. P. Langley. ....                            |  |
| Chief Examiner Civil Service—A. R. Serven. ....              | 3,000   | Director Bureau American Ethnology—J. W. Powell. ....                     |  |
| Secretary Civ. Service—John T. Doyle, N. Y. ....             | 3,000   | Sec. Industrial Com.—William E. Sackett. ....                             |  |
| Commis. of Labor—C. D. Wright, Mass. ....                    | 5,000   | Reciprocity Commis'r—John A. Kasson. ....                                 |  |
| Chief Clerk Labor—O. W. Weaver, Mass. ....                   | 2,500   | Nicaragua Canal Com.—John G. Walker, L. M. Haupt, Peter C. Haines. ....   |  |
| Government Printer—Frank M. Palmer, Ill. ....                | 4,500   |   |  |
| Commis. of Fish and Fisheries—G. M. Bowers, None             |         |   |  |
| Librarian of Congress—Herbert Putnam, Mass. ....             | 4,000   |   |  |
| Director Bureau of Amer. Republics—Russell Hastings, O. .... |         |   |  |

## INTERSTATE COMMERCE COMMISSION.

|  |         |   |         |
|--|---------|---|---------|
| Martin A. Knapp, N. Y., Chairman. .... | \$7,500 | Charles A. Prouty, Vt. ....               | \$7,500 |
| Judson C. Clements, Ga. ....           | 7,500   | Joseph W. Fifer, Ill. ....                | 7,500   |
| James D. Yeomans, Iowa. ....           | 7,500   | Edward A. Moseley, Mass., Secretary. .... | 3,500   |

## COLONIAL BOARD.

|                             |  |                        |  |
|-----------------------------|--|------------------------|--|
| Robert P. Kennedy, O. ....  |  | Henry Curtis, Ia. .... |  |
| Geo. W. Watkins, Mich. .... |  |                        |  |

## UNITED STATES PENSION AGENTS.

|                         |                    |                           |                          |
|-------------------------|--------------------|---------------------------|--------------------------|
| Augusta, Me. ....       | Selden Connor.     | Knoxville, Tenn. ....     | John T. Wilder.          |
| Boston, Mass. ....      | Augustus J. Hoitt. | Louisville, Ky. ....      | Leslie Combs.            |
| Buffalo, N. Y. ....     | Charles A. Orr.    | Milwaukee, Wis. ....      | Edwin D. Coe.            |
| Chicago, Ill. ....      | Jonathan Merriam.  | New York City, N. Y. .... | Michael Kerwin.          |
| Columbus, Ohio. ....    | Joseph W. Jones.   | Philadelphia, Pa. ....    | St. Clair A. Muhlolland. |
| Concord, N. H. ....     | Hugh Henry.        | Pittsburgh, Pa. ....      | John W. Nesbit.          |
| Des Moines, Iowa. ....  | Emery F. Sperry.   | San Francisco, Cal. ....  | Jesse B. Fuller.         |
| Detroit, Mich. ....     | Oscar A. Jones.    | Topeka, Kan. ....         | Cyrus Leland, Jr.        |
| Indianapolis, Ind. .... | Jacob D. Leighty.  | Washington, D. C. ....    | Sidney L. Willson.       |

UNITED STATES ASSISTANT TREASURERS.

| Sub-Treasuries.  | Assistant Treasurers. | Sub-Treasuries.    | Assistant Treasurers. |
|------------------|-----------------------|--------------------|-----------------------|
| Baltimore.....   | James M. Sloan.       | New York.....      | Conrad N. Jordan.     |
| Boston.....      | George A. Marden.     | Philadelphia.....  | John F. Finney.       |
| Chicago.....     | W. P. Williams.       | St. Louis.....     | Barnard G. Farrar.    |
| Cincinnati.....  | Charles A. Bosworth.  | San Francisco..... | Julius Jacobs.        |
| New Orleans..... | Charles J. Bell.      |                    |                       |

SUPERINTENDENTS OF MINTS.

| Mints.                                   | Superintendents.                       | Mints.                           | Superintendents.               |
|--|--|----------------------------------|--------------------------------|
| Carson City..(Equipped as Assay Office). | Roswell G. Colcord, Assayer in charge. | Philadelphia.....                | Henry K. Boyer.                |
| New Orleans.....                         | Charles W. Boothby.                    | Sau Francisco.....               | Frank A. Leach.                |
|  |  | Denver(Equipped as Assay Office) | J.L.Hodges, Assayer in charge. |

COLLECTORS OF CUSTOMS.

|  |   |  |
|--|---|--|
| Houlton, Me., Thomas H. Phair.             | New York, N. Y., George R. Bidwell.         | Vicksburg, Miss., Joseph H. Short.       |
| Bangor, Me., Albert I. Day.                | Niagara Falls, N. Y., James Low.            | Anapachicola, Fla., William B. Sheppard. |
| Beth, Me., George Moulton, Jr.             | Ogdensburg, N. Y., Charles A. Kellogg.      | Cedar Keys, Fla., Samuel P. Anthony.     |
| Belfast, Me., James S. Harriman.           | Oswego, N. Y., James H. Cooper.             | Fernandina, Fla., John W. Howell.        |
| Castine, Me., George M. Warren.            | Sag Harbor, N. Y., Peter Dippel.            | Jacksonville, Fla., William H. Lucas.    |
| Ellsworth, Me., Henry Whiting.             | Jersey City, N. J., M. I. Fagen, Asst. Col. | Key West, Fla., George W. Allen.         |
| Machias, Me., John K. Ames.                | Brigeton, N. J., George W. McCowan.         | St. Augustine, Fla., Thomas B. George.   |
| Kennebunk, Me., Edwin Parsons.             | Trenton, N. J., Roland Billingham.          | Tampa, Fla., Matthew B. Macfarlane.      |
| Eastport, Me., George A. Curran.           | Somers Point, N. J., Walter Fifield.        | Pensacola, Fla., John E. Stillman.       |
| Portland, Me., vacant.                     | Newark, N. J., George L. Smith.             | New Orleans, La., Augustus T. Wimberly.  |
| Saco, Me., Freeman H. Oaks.                | Perth Amboy, N. J., Robert Carson.          | Brasler, La., John A. Thornton.          |
| Waldoboro, Me., Frederick Hight.           | Tuckerton, N. J., Samuel P. Bartlett.       | Brownsville, Tex., Charles H. Maris.     |
| Wiscasset, Me., Daniel H. Moody.           | Camden, N. J., F. Patterson, Asst. Col.     | Corpus Christi, Tex., James J. Haynes.   |
| York, Me., Edward H. Banks.                | Philadelphia, Pa., C. Wesley Thomas.        | Eagle Pass, Tex., Claremont C. Drake.    |
| Porthsmouth, N. H., Rufus N. Elwell.       | Erie, Pa., Benjamin B. Brown.               | El Paso, Tex., Moses Dillon.             |
| Bristol, R. I., Charles D. Eddy.           | Wilmington, Del., William H. Cooper.        | Galveston, Tex., Frank L. Lee.           |
| Newport, R. I., John H. Cozens.            | Washington, D. C., William B. Todd.         | Cleveland, O., Charles F. Leach.         |
| Providence, R. I., Ellery H. Wilson.       | Annapolis, Md., Louis S. Clayton.           | Sandusky, O., Edmund H. Zurhorst.        |
| Burlington, Vt., Olin Merrill.             | Baltimore, Md., William F. Stone.           | Toledo, O., John H. Puck.                |
| Newport, Vt., Zophar M. Mansur.            | Crisfield, Md., James C. Tawes.             | Detroit, Mich., John T. Rich.            |
| Bridgeport, Ct., Frank J. Narauore.        | Alexandria, Va., Marshall L. King.          | Grand Haven, Mich., George A. Farr.      |
| Hartford, Ct., John H. Brocklesby.         | Cape Charles City, Va., C. G. Smithers.     | Marquette, Mich., John Quincy Adams.     |
| New Haven, Ct., John W. Mix.               | Norfolk, Va., Richard G. Banks.             | Port Huron, Mich., Alexander R. Avery.   |
| New London, Ct., Thomas O. Thompson.       | Petersburg, Va., William Malone.            | Chicago, Ill., William Penn Nixon.       |
| Stonington, Ct., Charles T. Stanton.       | Tappahannock, Va., Thomas C. Walker.        | St. Paul, Minn., John Peterson.          |
| Barnstable, Mass., Thacher T. Hallett.     | Newport News, Va., Jesse W. Elliott.        | Duluth, Minn., Levi M. Wilcox.           |
| Boston, Mass., George H. Lyman.            | Richmond, Va., John S. Bethel.              | Milwaukee, Wis., Charles B. Roberts.     |
| Elizabethtown, Mass., Charles H. Marchant. | Beaufort, N. C., Christopher D. Jones.      | Great Falls, Mont., David G. Browne.     |
| Fall River, Mass., John Desmond.           | Newbern, N. C., Mayer Hahn.                 | San Francisco, Cal., John P. Jackson.    |
| Glocester, Mass., Frank C. Richardson.     | Edenton, N. C., Kenneth R. Pendleton.       | San Diego, Cal., William W. Bowers.      |
| Marblehead, Mass., Charles H. Bateman.     | Wilmington, N. C., John C. Dancy.           | Los Angeles, Cal., John C. Cline.        |
| Nantucket, Mass., Charles E. Smalley.      | Beaufort, S. C., Robert Smalls.             | Eureka, Cal., Sterling A. Campbell.      |
| New Bedford, Mass., Zephaniah W. Pease.    | Charleston, S. C., John R. Tolbert.         | Astoria, Ore., John Fox.                 |
| Newburyport, Mass., Hiram P. Mackintosh.   | Georgetown, S. C., A. McP. Hanby, Jr.       | Coos Bay, Ore., John Morgan.             |
| Plymouth, Mass., Daniel W. Andrews.        | Brunswick, Ga., Henry T. Dunn.              | Portland, Ore., Isaac L. Patterson.      |
| Salem, Mass., John Daland.                 | Savannah, Ga., John H. Deveau.              | Yaquina, Ore., Charles B. Crosno.        |
| Buffalo, N. Y., Henry W. Brendel.          | St. Mary's, Ga., Budd Coffee.               | Port Townsend, Wash., F. D. Huestis.     |
| Cape Vincent, N. Y., William J. Grant.     | Mobile, Ala., Joseph W. Burke.              | Sitka, Alaska, Joseph W. Ivey.           |
| Plattsburg, N. Y., Walter C. Withabee.     | Shieldsboro, Miss., John P. Walworth.       | Nogales, Ariz., William M. Hoey.         |
| Dunkirk, N. Y., John Bonne.                | Natchez, Miss., David King.                 | Pembina, N. D., Nelson E. Nelson.        |
| Rochester, N. Y., Henry Harrison.          |   |  |

SURVEYORS OF CUSTOMS.

|   |   |   |
|---|---|---|
| Portland, Me., William H. Anderson.     | Louisville, Ky., Cleo M. Barnett.       | Galena, Ill., Richard S. Bostwick.        |
| Boston, Mass., Jeremiah J. McCarthy.    | Paducah, Ky., John R. Pycner.           | Peoria, Ill., Robert W. Burt.             |
| Springfield, Mass., Henry L. Hines.     | Memphis, Tenn., James Jeffreys.         | Rock Island, Ill., Robert G. Pearce.      |
| Albany, N. Y., William Barnes, Jr.      | Chattanooga, Tenn., Thomas B. Stapp.    | Burlington, Ia., Charles H. Ross.         |
| Greenport, N. Y., John A. Bassarear.    | Nashville, Tenn., Joseph W. Dillin.     | Council Bluffs, Ia., Leander M. Shubert.  |
| New York, N. Y., Silas C. Croft.        | Knoxville, Tenn., Elijah W. Adkins.     | D-4 Moines, Ia., Leander M. Shubert.      |
| Patchogue, N. Y., Sidney O. Weeks.      | Kansas City, Mo., William L. Kessinger. | Dubuque, Ia., John M. Lenihan.            |
| Port Jefferson, N. Y., G. Frank Bayles. | St. Joseph, Mo., William L. Beuchle.    | Sioux City, Ia., James H. Bolton.         |
| Syracuse, N. Y., John F. Nash.          | St. Louis, Mo., Charles H. Smith.       | Denver, Col., Charles H. Brickenstein.    |
| Philadelphia, Pa., Perry M. Lytle.      | Cincinnati, O., Lewis Voight, Sr.       | Lincoln, Neb., Charles H. Morrill.        |
| Pittsburgh, Pa., Mahlon M. Garland.     | Columbus, O., Elmer J. Miller.          | Omaha, Neb., Calet Taylor.                |
| Baltimore, Md., John B. Hanna.          | Evansville, Ind., Walter S. Vele.       | La Crosse, Wis., Robert Calvert.          |
| Wheeling, W. Va., Charles H. Senseney.  | Indianapolis, Ind., Archibald A. Young. | Grand Rapids, Mich., James A. Coyer.      |
| Atlanta, Ga., Christopher C. Wimbish.   | Milburg, City, Ind., Charles J. Robb.   | San Francisco, Cal., Joseph S. Spear, Jr. |
| New Orleans, La., Penton W. Gibson.     | Cairo, Ill., Thomas S. Elliott.         |   |

NAVAL OFFICERS OF CUSTOMS.

|                                     |                                      |                                      |
|-------------------------------------|--------------------------------------|--------------------------------------|
| Boston, Mass., James O. Lyford.     | New Orleans, La., John Webre.        | San Francisco, Cal., John P. Irish.  |
| New York, N. Y., Robert A. Sharkey. | Baltimore, Md., Norman B. Scott, Jr. | Philadelphia, Pa., James B. Holland. |

POSTMASTERS OF PRINCIPAL CITIES OF THE UNITED STATES.

|  |  |   |
|--|--|---|
| New York, Cornelius Van Cott, 1897.                        | Newark, N. J., James L. Hays, 1899.        | Richmond, Va., Way T. Knight, 1898.         |
| Chicago, Ill., Charles Ulysses Gordon, 1897.               | Minneapolis, Minn., S. B. Lovejoy, 1898.   | New Haven, Ct., Louis H. Howarth, 1898.     |
| Philadelphia, Pa., Thomas L. Hicks, 1897.                  | Jersey City, N. J., Peter F. Vanser, 1898. | Lowell, Mass., Albert G. Thompson, 1898.    |
| Brooklyn, N. Y., Francis H. Wilson, 1897.                  | Louisville, Ky., Thomas H. Baker, 1897.    | Nashville, Tenn., Andrew W. Wills, 1898.    |
| St. Louis, Mo., F. W. Baumhoti, 1898.                      | Omaha, Neb., Joseph Crow, 1899.            | Scranton, Pa., Ezra H. Ripple, 1897.        |
| Boston, Mass., Henry A. Thomas, 1897.                      | Rochester, N. Y., James S. Graham, 1898.   | Fall River, Mass., George A. Ballard, 1898. |
| Baltimore, Md., S. Davies Warfield, 1894-99 (reappointed). | St. Paul, Minn., Robert A. Smith, 1896.    | Atlanta, Ga., William H. Smyth, 1897.       |
| San Francisco, Cal., W. W. Montague, 1894.                 | Kansas City, Mo., Samuel F. Scott, 1898.   | Memphis, Tenn., L. W. Dutton, 1899.         |
| Cincinnati, O., Elias R. Monfort, 1899.                    | Providence, R. I., Richard Hayward, 1895.  | Wilmington, Del., Hugh C. Browne, 1898.     |
| Cleveland, O., Charles C. Dewstoe, 1899.                   | Denver, Col., John C. Twombly, 1899.       | Dayton, O., vacant by death.                |
| Buffalo, N. Y., Samuel G. Dorr, 1899.                      | Indianapolis, Ind., James W. Hess, 1899.   | Troy, N. Y., Joseph A. Leggett, 1898.       |
| New Orleans, La., John R. G. Pitkin, 1898.                 | Allegheny, Pa., James A. Grier, 1898.      | Grand Rapids, Mich., L. K. Bishop, 1898.    |
| Pittsburgh, Pa., George L. Holliday, 1899.                 | Albany, N. Y., C. E. Argesinger, 1899.     | Reading, Pa., Augustus M. High, 1899.       |
| Washington, D. C., John A. Merritt, 1899.                  | Columbus, O., Robert M. Roward, 1898.      | Camden, N. J., Louis T. Derousse, 1898.     |
| Detroit, Mich., F. B. Dickerson, 1897.                     | Syracuse, N. Y., Dwight H. Bruce, 1897.    | Trenton, N. J., Alexander C. Yard, 1898.    |
| Milwaukee, Wis., E. R. Stillman, 1898.                     | Worcester, Mass., J. Everts Greene, 1897.  | Lynn, Mass., E. Knowlton Pogg, 1898.        |
|  | ledo, O., William H. Tucker, 1898.         | Charleston, S. C., G. I. Cunningham, 1898.  |

THE FEDERAL GOVERNMENT—Continued.

THE JUDICIARY.

SUPREME COURT OF THE UNITED STATES.

Chief Justice of the United States—Melville W. Fuller, of Illinois, born 1833, appointed 1888.

Born. App.

|                                       |      |      |
|---------------------------------------|------|------|
| Asso. Justice—John M. Harlan, Ky..... | 1833 | 1877 |
| “ “ Horace Gray, Mass.....            | 1825 | 1861 |
| “ “ David J. Brewer, Kan.....         | 1837 | 1869 |
| “ “ Henry B. Brown, Mich.....         | 1836 | 1890 |

Born. App.

|  |      |      |
|--|------|------|
| Asso. Justice—George Shiras, Jr., Pa.... | 1832 | 1892 |
| “ “ Edward D. White, La.....             | 1845 | 1894 |
| “ “ Rufus W. Peckham, N. Y.....          | 1837 | 1885 |
| “ “ Joseph McKenna, Cal.....             | 1843 | 1893 |

Reporter—J. C. Bancroft Davis, N. Y. Clerk—J. H. McKenney, D. C. Marshal—John M. Wright, Ky.

The salary of the Chief Justice of the United States is \$10,500; Associate Justices, \$10,000 each; of the Reporter, \$4,500; Marshal, \$3,500; Clerk of the Supreme Court, \$6,000.

CIRCUIT COURTS OF THE UNITED STATES.

Cir. Judges. App.

|                                  |      |
|----------------------------------|------|
| 1. Le Baron B. Colt, R. I.....   | 1884 |
| William L. Putnam, Me.....       | 1892 |
| 2. William J. Wallace, N. Y..... | 1882 |
| E. Henry Lacombe, N. Y.....      | 1887 |
| Nathaniel Shipman, Ct.....       | 1892 |
| 3. Marcus W. Cheson, Pa.....     | 1891 |
| George M. Dallas, Pa.....        | 1892 |
| George Gray, Del.....            | 1899 |
| 4. Nathan Goff, W. Va.....       | 1892 |
| Charles H. Simonton, S. C.....   | 1893 |
| 5. Don A. Pardee, La.....        | 1881 |
| A. P. McCormick, Tex.....        | 1892 |
| David D. Shelby, Ala.....        | 1899 |

Cir. Judges. App.

|                                |      |
|--------------------------------|------|
| 6. William H. Taft, Ohio.....  | 1892 |
| Horace H. Lurton, Tenn.....    | 1893 |
| William R. Day, Ohio.....      | 1899 |
| 7. William A. Woods, Ind.....  | 1892 |
| James G. Jenkins, Wis.....     | 1893 |
| Peter S. Grosscup, Ill.....    | 1891 |
| 8. Henry C. Caldwell, Ark..... | 1890 |
| Walter H. Sanborn, Minn.....   | 1892 |
| Amos M. Thayer, Mo.....        | 1894 |
| 9. William W. Morrow, Cal..... | 1897 |
| William B. Gilbert, Ore.....   | 1892 |
| Erskine M. Ross, Cal.....      | 1895 |

Salaries, \$6,000 each. The judges of each circuit and the justice of the Supreme Court for the circuit constitute a Circuit Court of Appeals. The First Circuit consists of Maine, Massachusetts, New Hampshire, Rhode Island. Second—Connecticut, New York, Vermont. Third—Delaware, New Jersey, Pennsylvania. Fourth—Maryland, North Carolina, South Carolina, Virginia, West Virginia. Fifth—Alabama, Florida, Georgia, Louisiana, Mississippi, Texas. Sixth—Kentucky, Michigan, Ohio, Tennessee. Seventh—Illinois, Indiana, Wisconsin. Eighth—Arkansas, Colorado, Indian and Oklahoma Territories, Iowa, Kansas, Minnesota, Missouri, Nebraska, New Mexico, North Dakota, South Dakota, Utah, Wyoming. Ninth—Alaska, Arizona, California, Idaho, Montana, Nevada, Oregon, Washington.

UNITED STATES COURT OF CLAIMS.

Chief Justice—Charles C. Nott, N. Y. Associate Judges—Lawrence Weldon, Ill.; Stanton J. Peelle, Ind.; John Davis, D. C.; Charles B. Howry, Miss. Salaries, \$4,500 each. Chief Clerk—Archibald Hopkins, Mass., \$3,000.

UNITED STATES COURT OF PRIVATE LAND CLAIMS.

Chief Justice—Joseph R. Reed, Iowa. Justices—Wilbur F. Stone, Col.; Henry C. Suss, Kan.; Thomas C. Fuller, N. C.; William W. Murray, Tenn. U. S. Attorney—Matthew G. Reynolds, Mo.

COURT OF APPEALS OF THE DISTRICT OF COLUMBIA.

Chief Justice—Richard H. Alvey, Md., \$6,500. Justices—Martin F. Morris, D. C., \$6,000; Seth Shepard, Tex., \$5,000. Clerk—Robert Willett, D. C., \$3,000.

SUPREME COURT OF THE DISTRICT OF COLUMBIA.

Chief Justice—Edward F. Bingham, N. H. Associate Justices—Alexander B. Hagner, Md.; Job Barnard, Andrew C. Bradley, D. C.; Harry M. Clabaugh, Md.; Charles C. Cole, D. C. Salaries, \$5,000 each. Clerk—John R. Young, \$3,500.

DISTRICT COURTS OF THE UNITED STATES.

| Districts.                     | Judges.           | Addresses.   | Salaries.                    | Districts.                     | Judges.         | Addresses.  | Salaries. |
|--------------------------------|-------------------|--------------|------------------------------|--------------------------------|-----------------|-------------|-----------|
| Ala. : N. & M. John Bruce..... | Montgomery        | \$5,000      | Mo. : E. D. Elmer B. Adams   | St. Louis                      | \$5,000         |             |           |
| “ S. D. H. T. Toulmin.....     | Mobile            | 5,000        | “ W. D. John F. Phillips     | Kansas City                    | 5,000           |             |           |
| Alaska.....                    | Chas. S. Johnson  | Sitka        | 3,000                        | Nebraska.....                  | Wm. H. Munger   | Omaha       | 5,000     |
| Arizona.....                   | Webster Street    | Phoenix      | 3,000                        | Nevada.....                    | Thos. P. Hawley | Carson City | 5,000     |
| Ark. : E. D. John A. Williams  | Little Rock       | 5,000        | N. H.....                    | Edgar Aldrich                  | Littleton       | 5,000       |           |
| “ W. D. John H. Rogers         | Fort Smith        | 5,000        | New Jersey.....              | A. Kirkpatrick                 | Newark          | 5,000       |           |
| Cal. : N. D. John J. De Haven  | San Francisco     | 5,000        | New Mexico.....              | Wm. J. Mills                   | Las Vegas       | 3,000       |           |
| “ S. D. Olin Wellborn          | Los Angeles       | 5,000        | N. Y. : N. D. Alfred C. Coxe | Utica                          | 5,000           |             |           |
| Colorado.....                  | Moses Hallett     | Denver       | 5,000                        | “ E. D. Addison Brown          | N. Y. City      | 5,000       |           |
| Connecticut.....               | W. K. Townsend    | New Haven    | 5,000                        | “ S. D. Edw. B. Thomas         | Brooklyn        | 5,000       |           |
| Delaware.....                  | Ed. G. Bradford   | Wilmington   | 5,000                        | N. C. : E. D. Thos. R. Purnell | Raleigh         | 5,000       |           |
| Fla. : N. D. Charles Swayne    | Pensacola         | 5,000        | “ W. D. H. G. Ewart          | H. H. Herson's                 | le              | 5,000       |           |
| “ S. D. James W. Locke         | Jacksonville      | 5,000        | N. Dakota.....               | Chas. F. Amidou                | Fargo           | 5,000       |           |
| Ga. : N. D. Wm. T. Newnam      | Atlanta           | 5,000        | Ohio : N. D. A. J. Ricks     | Cleveland                      | 5,000           |             |           |
| “ S. D. Emory Speer            | Macon             | 5,000        | “ S. D. A. C. Thompson       | Cincinnati                     | 5,000           |             |           |
| Idaho.....                     | James H. Beatty   | Boise City   | 5,000                        | Oklahoma.....                  | John H. Burford | Guthrie     | 3,000     |
| Ill. : N. D. C. C. Kohlsaat    | Chicago           | 5,000        | Oregon.....                  | C. B. Bellinger                | Portland        | 5,000       |           |
| “ S. D. William J. Allen       | Springfield       | 5,000        | Pa. : E. D. J. B. McPherson  | Philadelphia                   | 5,000           |             |           |
| Indian Ter.....                | Wm. M. Springer   | Muscogee     | 5,000                        | “ W. D. Jos. Bullington        | Pittsburgh      | 5,000       |           |
| “ “ W. H. H. Clayton           | S. McAlester      | 5,000        | R. Island.....               | Arthur L. Brown                | Providence      | 5,000       |           |
| “ “ Hosea Townsend             | Ardmore           | 5,000        | S. Carolina.....             | Wm. H. Brawley                 | Charleston      | 5,000       |           |
| “ “ John R. Thomas             | Vinita            | 5,000        | S. Dakota.....               | John E. Carland                | Siox Falls      | 5,000       |           |
| Indiana.....                   | John H. Baker     | Indianapolis | 5,000                        | Tenn. : E. M. Charles D. Clark | Chattanooga     | 5,000       |           |
| Iowa : N. D. Oliver P. Shiras  | Des Moines        | 5,000        | “ W. D. E. S. Hammond        | Memphis                        | 5,000           |             |           |
| “ S. D. John S. Woolson        | Des Moines        | 5,000        | Tex. : E. D. David E. Bryant | Austin                         | 5,000           |             |           |
| Kansas.....                    | Wm. C. Hook       | Leavenworth  | 5,000                        | “ W. D. Thos. S. Maxey         | Sherman         | 5,000       |           |
| Kentucky.....                  | Walter Evans      | Louisville   | 5,000                        | “ N. D. Edw. R. Meek           | Fort Worth      | 5,000       |           |
| La. : E. D. Charles Parlange   | New Orleans       | 5,000        | Utah.....                    | John A. Marshall               | Salt Lake C.    | 5,000       |           |
| “ W. D. Aleck Boarman          | Shreveport        | 5,000        | Vermont.....                 | H. H. Wheeler                  | Battleboro      | 5,000       |           |
| Maine.....                     | Nathan Webb       | Portland     | 5,000                        | Va. : E. D. E. Waddill, Jr.    | Richmond        | 5,000       |           |
| Maryland.....                  | Thomas J. Morris  | Baltimore    | 5,000                        | “ W. D. John Paul              | Harrisburg      | 5,000       |           |
| Mass.....                      | Francis C. Lowell | Boston       | 5,000                        | Washington.....                | C. H. Hanford   | Seattle     | 5,000     |
| Mich. : E. D. Henry H. Swan    | Detroit           | 5,000        | W. Virginia.....             | J. J. Jackson                  | Parkersburg     | 5,000       |           |
| “ W. D. H. F. Severens         | Grand Rapids      | 5,000        | Wis. : E. D. W. H. Seaman    | Sheboygan                      | 5,000           |             |           |
| Minnesota.....                 | Wm. Lochren       | Minneapolis  | 5,000                        | “ W. D. Romanzo Bunn           | Madison         | 5,000       |           |
| Miss. : N. & S. Henry C. Niles | Mosciusko         | 5,000        | Wyoming.....                 | John A. Riner                  | Cheyenne        | 5,000       |           |
| Montana.....                   | Hiram Knowles     | Helena       | 5,000                        |                                |                 |             |           |



United States District Attorneys and Marshals.

| STATES.          | DISTRICT ATTORNEYS. |                   |                       |                    | MARSHALS.         |                       |  |  |
|------------------|---------------------|-------------------|-----------------------|--------------------|-------------------|-----------------------|--|--|
|                  | Names.              | Official Address. | Dates of Commissions. | Names.             | Official Address. | Dates of Commissions. |  |  |
| Alabama, N.      | William Vaughan     | Birmingham.       | June 1, '97           | Daniel N. Cooper.  | Birmingham.       | Jan. 14, '98          |  |  |
| " S.             | W. S. Reese, Jr.    | Montgomery.       | Apr. 14, '97          | Leander J. Bryan.  | Montgomery.       | Jan. 31, '98          |  |  |
| " M.             | M. D. Wickersham    | Mobile.           | July 24, '97          | Frank Simmons.     | Mobile.           | Mar. 4, '98           |  |  |
| Alaska.....      | Robt. A. Frierich   | Sitka.....        | Dec. 20, '98          | James M. Shoup.    | Sitka.....        | June 26, '99          |  |  |
| Arizona.....     | Robt. E. Morrison   | Presco't.....     | Feb. 15, '99          | Wm. M. Griffith.   | Tucson.....       | June 18, '99          |  |  |
| Arkansas, E.     | Jacob Frieber.      | Little Rock.      | Apr. 5, '97           | H. M. Cooper.....  | Little Rock.      | Apr. 5, '99           |  |  |
| " W.             | James K. Barnes.    | Fort Smith.       | May 11, '98           | S. F. Stahl.....   | Fort Smith.       | June 1, '99           |  |  |
| California, N.   | Frank L. Coombs.    | San Francisco     | Feb. 20, '99          | John H. Shine.     | San Francisco     | May 29, '98           |  |  |
| " S.             | Frank P. Flint.     | Los Angeles.      | Apr. 8, '97           | Henry Z. Osborne.  | Los Angeles.      | May 15, '98           |  |  |
| Colorado.....    | G. W. Whitford.     | Denver.....       | Apr. 20, '97          | Dewey C. Bailey.   | Denver.....       | June 6, '98           |  |  |
| Connecticut..    | C. W. Comstock.     | Hartford.....     | Apr. 2, '96           | Edson S. Bishop.   | New Haven.        | Aug. 8, '98           |  |  |
| Delaware.....    | Wm. M. Byrne.       | Wilmington.       | June 15, '99          | John C. Short.     | Wilmington.       | Jan. 19, '96          |  |  |
| Dist. of Col..   | Thos. H. Anderson   | Washington.       | Oct. 1, '99           | Adlick Palmer.     | Washington.       | Jan. 9, '98           |  |  |
| Florida, N.....  | John Egan.....      | Pensacola.....    | Jan. 31, '99          | T. F. McGourin.    | Pensacola.....    | Jan. 10, '98          |  |  |
| " S.....         | J. N. Stripling.    | Jacksonville.     | Jan. 10, '98          | John F. Horr.....  | Jacksonville.     | Feb. 13, '98          |  |  |
| Georgia, N.....  | Edgar A. Angier.    | Atlanta.....      | Apr. 13, '97          | W. H. Johnson.     | Atlanta.....      | June 25, '97          |  |  |
| " S.....         | Marion Erwin.       | Macon.....        | Apr. 13, '97          | John M. Barnes.    | Macon.....        | June 15, '97          |  |  |
| Idaho.....       | Robert V. Coz. er.  | Moscow.....       | Jan. 10, '98          | Frank C. Ramsey.   | Boise City.....   | Dec. 20, '98          |  |  |
| Illinois, N..... | S. H. Bethea.....   | Chicago.....      | Dec. 20, '98          | John C. Ames.....  | Chicago.....      | Dec. 13, '97          |  |  |
| " S.....         | J. Otis Humphrey    | Springfield.      | June 25, '97          | Charles P. Hitch.  | Springfield.      | June 23, '97          |  |  |
| Indiana.....     | A. W. Wishard.      | Indianapolis.     | Mar. 22, '97          | S. E. Kercheval.   | Indianapolis.     | Mar. 22, '97          |  |  |
| Indian Ter. N.   | Pliny L. Soper.     | Vinita.....       | Apr. 14, '97          | Leo E. Bennett.    | Muskego.....      | Jan. 10, '98          |  |  |
| " C.....         | John H. Wilkins.    | S. McAlester.     | Jan. 10, '98          | Jasper P. Grady.   | S. McAlester.     | Apr. 19, '97          |  |  |
| " S.....         | W. B. Johnson.      | Ardenore.....     | Jan. 14, '98          | John S. Hammer.    | Ardenore.....     | Jan. 10, '96          |  |  |
| Iowa, N.....     | H. G. McMillan.     | Cedar Rapids.     | Feb. 2, '98           | Edward Knott.      | Dubuque.....      | Feb. 19, '96          |  |  |
| " S.....         | Lewis Miles.        | Corydon.....      | Jan. 10, '98          | Geo. M. Christian. | Des Moines.       | Feb. 23, '98          |  |  |
| Kansas.....      | Isaac E. Lambert.   | Topeka.....       | July 17, '97          | Wm. F. Sterne.     | Topeka.....       | Jan. 12, '98          |  |  |
| Kentucky.....    | Reuben D. Hill.     | Louisville.       | Feb. 22, '98          | Addison D. James.  | Louisville.       | June 25, '97          |  |  |
| Louisiana, E.    | J. W. Gurley, Jr.   | New Orleans.      | May 26, '96           | Charles Fontelle.  | New Orleans.      | Dec. 20, '97          |  |  |
| " W.             | Milton C. Elstner.  | Shreveport.       | Dec. 20, '98          | James M. Martin.   | Shreveport.       | Dec. 12, '95          |  |  |
| Maine.....       | Isaac W. Dyer.      | Portland.....     | Jan. 10, '95          | H. B. Saunders.    | Portland.....     | Feb. 23, '98          |  |  |
| Maryland.....    | John C. Rose.       | Baltimore.....    | May 12, '99           | William F. Alrey.  | Baltimore.....    | July 17, '98          |  |  |
| Massachus'ts     | Boyd B. Jones.      | Boston.....       | Mar. 25, '97          | Chas. K. Darling.  | Boston.....       | Feb. 8, '99           |  |  |
| Michigan, E.     | Wm. D. Gordon.      | Detroit.....      | May 2, '98            | William R. Bates.  | Detroit.....      | May 2, '98            |  |  |
| " W.             | George G. Covell.   | Grand Rapids.     | Feb. 15, '98          | A. Oren Wheeler.   | Grand Rapids.     | Feb. 14, '98          |  |  |
| Minnesota, E.    | Robert G. Evans.    | St. Paul.....     | May 5, '98            | W. H. Grimshaw.    | St. Paul.....     | Mar. 11, '99          |  |  |
| Mississ'pi, N.   | M. A. Montg' m' ry  | Oxford.....       | Jan. 10, '98          | G. M. Buchanan.    | Oxford.....       | Sept. 26, '99         |  |  |
| " S.....         | Albert M. Lea.      | Vicksburg.....    | Jan. 10, '98          | Fred. W. Collins.  | Jackson.....      | Jan. 10, '98          |  |  |
| Missouri, E.     | Edward A. Rozier.   | St. Louis.....    | Mar. 9, '98           | Louis C. Bohle.    | St. Louis.....    | Apr. 12, '98          |  |  |
| " W.             | William Warner.     | Kansas City.      | Feb. 28, '98          | E. R. Duriam.      | Kansas City.      | July 1, '98           |  |  |
| Montana.....     | Wm. B. Rodgers.     | Helena.....       | Feb. 28, '98          | Jos. P. Woolman.   | Helena.....       | May 12, '98           |  |  |
| Nebraska.....    | W. S. Summers.      | Omaha.....        | Dec. 20, '98          | T. I. Mathews.     | Omaha.....        | Oct. 25, '99          |  |  |
| Nevada.....      | S. Simmerfeld.      | Carson City.      | Jan. 10, '98          | J. F. Emmitt.....  | Carson City.      | Oct. 24, '96          |  |  |
| N. H. inspire    | Chas. J. Hamblett   | Concord.....      | Mar. 15, '98          | Eugene P. Nute.    | Concord.....      | Mar. 15, '98          |  |  |
| New Jersey.....  | J. Kearney Rice.    | N. Brunswick.     | Feb. 13, '96          | Thomas J. Alcott.  | Trenton.....      | Apr. 14, '97          |  |  |
| New Mexico...    | Wm. B. Childers.    | Albuquerque.      | Dec. 15, '96          | C. M. Foraker.     | Albuquerque.      | July 24, '97          |  |  |
| New York, N.     | Chas. H. Brown.     | Buffalo.....      | Oct. 25, '99          | Wm. R. Compton.    | Elmira.....       | July 17, '98          |  |  |
| " S.....         | Henry L. Bur'ett    | New York.....     | Jan. 14, '98          | William Henke.     | New York.....     | Jan. 14, '99          |  |  |
| " E.....         | George H. Pettit.   | Brooklyn.....     | Dec. 20, '96          | Chas. J. Haubert.  | Brooklyn.....     | Mar. 6, '98           |  |  |
| N. Carolina, E.  | C. M. Bernard.      | Raleigh.....      | Jan. 31, '98          | Henry C. Dockery.  | Raleigh.....      | Jan. 10, '98          |  |  |
| " W.....         | Alfred E. Holton.   | Winston.....      | Jan. 10, '98          | Jas. M. Milliken.  | Greensboro.       | Mar. 30, '97          |  |  |
| North Dakota.    | Pat' k' H. Rourke.  | Fargo.....        | May 9, '98            | John E. Haggart.   | Fargo.....        | Jan. 25, '98          |  |  |
| Ohio, N.....     | Samuel D. Dodge.    | Cleveland.....    | Dec. 12, '95          | Mat. A. Smalley.   | Cleveland.....    | Feb. 13, '96          |  |  |
| " S.....         | Wm. F. Bundy.       | Cincinnati.       | May 6, '98            | Vivian J. Fagin.   | Cincinnati.       | Mar. 2, '99           |  |  |
| Oklahoma.....    | J. W. Scothorn.     | Guthrie.....      | Nov. 18, '98          | C. H. Thompson.    | Guthrie.....      | Jan. 10, '98          |  |  |
| Oregon.....      | John H. Hall.       | Portland.....     | Jan. 10, '98          | Zoeth Houser.....  | Portland.....     | Jan. 10, '98          |  |  |
| P'sylvania, E.   | James M. Beck.      | Philadelphia.     | Mar. 25, '96          | James B. Reilly.   | Philadelphia.     | Apr. 4, '96           |  |  |
| " W.....         | Daniel B. Heiner.   | Pittsburgh.       | Jan. 10, '98          | Fred. C. Leonard.  | Pittsburgh.       | Jan. 15, '98          |  |  |
| Rhode Island     | Chas. A. Wilson.    | Providence.....   | Jan. 10, '98          | James S. McCabe.   | Providence.....   | Feb. 11, '96          |  |  |
| So. Carolina..   | Abial Lathrop.      | Charleston.       | July 24, '97          | L. D. Melton.....  | Charleston.       | Mar. 14, '98          |  |  |
| So. Dakota.....  | Wm. D. Elliott.     | Sio'x Falls.....  | Apr. 3, '97           | Edw. L. Kennedy.   | Sio'x Falls.....  | Jan. 10, '98          |  |  |
| Tennessee, E.    | Wm. D. Wright.      | Knoxville.....    | July 24, '97          | Rich. W. Austin.   | Knoxville.....    | July 7, '97           |  |  |
| " M.....         | A. M. Tillman.      | Nashville.....    | Feb. 1, '93           | John W. Overall.   | Nashville.....    | Mar. 9, '98           |  |  |
| " W.....         | George Bar'oloph    | Memphis.....      | June 8, '98           | Thomas H. Baker.   | Memphis.....      | Mar. 9, '98           |  |  |
| Texas, N.....    | Wm. H. Howell.      | Dallas.....       | June 18, '99          | George H. Green.   | Dallas.....       | Dec. 20, '98          |  |  |
| " E.....         | M. C. McLemore.     | Galveston.....    | Feb. 13, '99          | John Grant.....    | Paris.....        | Mar. 1, '98           |  |  |
| " W.....         | Henry Terrill.      | San Antonio.      | June 6, '98           | Geo. L. Siebrecht. | San Antonio.      | Jan. 10, '98          |  |  |
| Utah.....        | C. O. Whittemore.   | Salt Lake City.   | June 8, '98           | Glen Miller.       | Salt Lake City.   | June 7, '97           |  |  |
| Vermont.....     | James L. Martin.    | Burlington.....   | Jan. 10, '98          | Fred. A. Field.    | Rutland.....      | June 24, '98          |  |  |
| Virginia, E.     | Edgar Allan.        | Norfolk.....      | Dec. 20, '99          | Morgan Treat.      | Richmond.....     | Feb. 19, '98          |  |  |
| " W.....         | Thos. M. Alderson   | Abingdon.....     | Feb. 1, '98           | S. Brown Allen.    | Harrisonburg.     | July 1, '97           |  |  |
| Washington...    | Wilson R. Gay.      | Seattle.....      | Feb. 2, '98           | Clarence W. Ide.   | Tacoma.....       | July 1, '97           |  |  |
| West Virginia.   | Joseph H. Gaines.   | Charleston.       | May 25, '97           | J. K. Thompson.    | Parkersburg.      | June 8, '97           |  |  |
| West Virginia.   | Milton C. Phillips  | Oshkosh.....      | Apr. 22, '97          | Thomas B. Reid.    | Milwaukee.....    | June 15, '98          |  |  |
| Wisconsin, E.    | David F. Jones.     | La Crosse.....    | July 7, '98           | Wm. H. Canon.      | Madison.....      | Feb. 4, '96           |  |  |
| " W.....         | Thaothy F. Burke    | Cheyenne.....     | Sept. 22, '98         | Frank A. Hadsell.  | Cheyenne.....     | Sept. 23, '98         |  |  |
| Wyoming.....     |                     |                   |                       |                    |                   |                       |  |  |

N., Northern; S., Southern; E., Eastern; W., Western; M., Middle.

## United States Military Academy at West Point.

EACH Congressional District and Territory—also the District of Columbia—is entitled to have one cadet at the Academy. There are also twenty appointments at large, specially conferred by the President of the United States. The number of students is thus limited to three hundred and eighty-one. At present there are two extra cadets at the Academy, who were authorized by Congress to enter it at their own expense from Venezuela and Costa Rica.

Appointments are usually made one year in advance of date of admission, by the Secretary of War, upon the nomination of the Representative. These nominations may either be made after competitive examination or given direct, at the option of the Representative. The Representative may nominate a legally qualified second candidate, to be designated the alternate. The alternate will receive from the War Department a letter of appointment, and will be examined with the regular appointee, and if duly qualified will be admitted to the Academy in the event of the failure of the principal to pass the prescribed preliminary examinations. Appointees to the Military Academy must be between seventeen and twenty-two years of age, free from any infirmity which may render them unfit for military service, and able to pass a careful examination in reading, writing, orthography, arithmetic, grammar, geography, and history of the United States.

The course of instruction, which is quite thorough, requires four years, and is largely mathematical and professional. The principal subjects taught are mathematics, French, drawing, drill regulations of all arms of the service, natural and experimental philosophy, chemistry, chemical physics, mineralogy, geology, and electricity, history, international, constitutional, and military law, Spanish, and civil and military engineering, and art and science of war, and ordinance and gunnery. About one-fourth of those appointed usually fail to pass the preliminary examinations, and but little over one-half the remainder are finally graduated. The discipline is very strict—even more so than in the army—and the enforcement of penalties for offences is inflexible rather than severe. Academic duties begin September 1 and continue until June 1. Examinations are held in each January and June, and cadets found proficient in studies and correct in conduct are given the particular standing in their class to which their merits entitle them, while those cadets deficient in either conduct or studies are discharged.

From about the middle of June to the end of August cadets live in camp, engaged only in military duties and receiving practical military instruction. Cadets are allowed but one leave of absence during the four years' course, and this is granted at the expiration of the first two years. The pay of a cadet is \$540 per year, and, with proper economy, is sufficient for his support. The number of students at the Academy is usually about three hundred and fifty.

Upon graduating cadets are commissioned as second lieutenants in the United States Army. The whole number of graduates from 1802 to 1899, inclusive, has been three thousand nine hundred and thirty-nine (3,939). It is virtually absolutely necessary for a person seeking an appointment to apply to his Member of Congress. The appointments by the President are usually restricted to sons of officers of the army and navy, who, by reason of their shifting residence, due to the necessities of the service, find it next to impossible to obtain an appointment from a Congressional District.

The Academy was established by act of Congress in 1802. An annual Board of Visitors is appointed, seven being appointed by the President of the United States, two by the President of the Senate, and three by the speaker of the House of Representatives. They visit the Academy in June, and are present at the concluding exercises of the graduating class of that year. The Superintendent is Colonel Albert L. Mills, United States Army, and the military and academic staff consists of sixty-two persons. First Lieutenant William C. Rivers, First Cavalry, is adjutant.

The two oldest living graduates of the Military Academy are Joseph Smith Bryce, of the District of Columbia, and Thomas A. Davies, of New York, who were graduated in 1829.

## United States Naval Academy at Annapolis.

THERE are allowed at the Academy one naval cadet for each Member or Delegate of the United States House of Representatives, one for the District of Columbia, and ten at large. The appointment of cadets at large and for the District of Columbia is made by the President. The Secretary of the Navy, as soon after March 5 in each year as possible must notify in writing each Member and Delegate of the House of Representatives of any vacancy that may exist in his district. The nomination of a candidate to fill the vacancy is made, on the recommendation of the Member or Delegate, by the Secretary. Candidates must be actual residents of the districts from which they are nominated.

The course of naval cadets is six years, the last two of which are spent at sea. Candidates at the time of their examination for admission must be not under fifteen nor over twenty years of age and physically sound, well formed, and of robust constitution. They are examined, mentally by the academic board in reading, writing, spelling, arithmetic, geography, English grammar, United States history, world's history, algebra through quadratic equations, and plane geometry (five books of Chauvenet's Geometry or an equivalent). Deficiency in any one of these subjects may be sufficient to insure the rejection of the candidate. They enter the Academy immediately after passing the prescribed examinations, and are required to sign articles binding themselves to serve in the United States Navy eight years (including the time of probation at the Naval Academy), unless sooner discharged. The pay of a naval cadet is \$500 a year, beginning at the date of admission.

Appointments to fill all vacancies that may occur during a year in the lower grades of the Line of the Navy and of the Marine Corps will be made from the naval cadets, graduates of the year, at the conclusion of their six years' course, in the order of merit as determined by the Academic Board of the Naval Academy.

At least fifteen appointments from such graduates are made each year. Surplus graduates who do not receive appointments are given a certificate of graduation, an honorable discharge and one year's sea pay.

The Academy was founded in 1845 by the Hon. George Bancroft, Secretary of the Navy in the Administration of President Polk. It was formally opened October 10 of that year, with Commander Franklin Buchanan as Superintendent. During the Civil War it was removed from Annapolis, Md., to Newport, R. I., but was returned to the former place in 1865. It is under the direct supervision of the Bureau of Navigation, Navy Department. Rear-Admiral F. V. McNair, United States Navy, is the present Superintendent.

## The Army.

## GENERAL OFFICERS OF THE REGULAR LINE.

| Rank.                  | Name.                   | Command.                        | Headquarters.     |
|------------------------|-------------------------|---------------------------------|-------------------|
| Major-General.....     | Nelson A. Miles.....    | United States Army.....         | Washington, D. C. |
| "                      | Wesley Merritt.....     | Department of the East.....     | New York City.    |
| "                      | John R. Brooke.....     | Department of Cuba.....         | Havana.           |
| Brigadier-General..... | Elwell S. Otis.....     | Department of the Pacific.....  | Manila.           |
| "                      | James F. Wade.....      | Department of Dakota.....       | St. Paul, Minn.   |
| "                      | Henry C. Merriam.....   | Department of the Colorado..... | Denver, Col.      |
| "                      | Thomas M. Anderson..... | Department of the Lakes.....    | Chicago, Ill.     |

## GENERAL OFFICERS OF THE REGULAR STAFF.

|                        |                             |                                      |                   |
|------------------------|-----------------------------|--------------------------------------|-------------------|
| Brigadier-General..... | Henry C. Corbin.....        | Adjutant-General.....                | Washington, D. C. |
| "                      | M. I. Ludington.....        | Quartermaster-General.....           | Washington, D. C. |
| "                      | Alfred E. Bates.....        | Paymaster-General.....               | Washington, D. C. |
| "                      | Charles P. Eagan.....       | Commissary-General.....              | Washington, D. C. |
| "                      | Geo. M. Sternberg.....      | Surgeon-General.....                 | Washington, D. C. |
| "                      | Adolphus W. Greely.....     | Chief Signal Officer.....            | Washington, D. C. |
| "                      | John M. Wilson.....         | Chief of Engineers.....              | Washington, D. C. |
| "                      | Adelbert R. Buffington..... | Chief of Ordnance.....               | Washington, D. C. |
| "                      | Jos. C. Breckinridge.....   | Inspector-General.....               | Washington, D. C. |
| "                      | Guido N. Lieber.....        | Judge-Advocate-General.....          | Washington, D. C. |
| "                      | Fred. C. Ainsworth.....     | Chief of Record and Pen. Office..... | Washington, D. C. |

## GENERALS ON THE RETIRED LIST REGULAR ARMY.

| Name.                    | Rank.      | Residence.         | Name.                  | Rank.       | Residence.        |
|--------------------------|------------|--------------------|------------------------|-------------|-------------------|
| Augur, C. C.....         | Brig.-Gen. | Washington, D. C.  | Long, Eli.....         | Brig.-Gen.  | Plainfield, N. J. |
| Baird, Absalom.....      | "          | Washington, D. C.  | Macfeely, R.....       | "           | Washington, D. C. |
| Batchelder, Rich. N..... | "          | New York City.     | McCook, A. McD.....    | Maj.-Gen.   | Paris, France.    |
| Bell, William H.....     | "          | Washington, D. C.  | Mills, Anson.....      | Brig.-Gen.  | Washington, D. C. |
| Bliss, Zenas R.....      | Maj.-Gen.  | Washington, D. C.  | Moore, John.....       | "           | Washington, D. C. |
| Breck, Samuel.....       | Brig.-Gen. | Washington, D. C.  | Morgan, M. R.....      | "           | St. Paul, Minn.   |
| Burke, Daniel W.....     | "          | Washington, D. C.  | Murray, Robert.....    | "           | Berlin, Germany.  |
| Carlin, W. P.....        | "          | Carrollton, Ill.   | Ovenshine, S.....      | "           | Washington, D. C. |
| Carlton, Caleb H.....    | "          | New York City.     | Pennington A.C.M.....  | "           | Washington, D. C. |
| Carpenter, L. H.....     | "          | Washington, D. C.  | Rochester, W. B.....   | "           | Washington, D. C. |
| Carr, Eugene A.....      | "          | Albuquerque, N.M.  | Rucker, D. H.....      | "           | Washington, D. C. |
| Coppinger, J. J.....     | "          | Washington, D. C.  | Ruger, Thos. H.....    | Maj.-Gen.   | Washington, D. C. |
| Craghill, W. P.....      | "          | Charles' wn. W. Va | Ruggles, George D..... | Brig.-Gen.  | Washington, D. C. |
| Drum, R. C.....          | "          | Bethesda, Md.      | Sawtelle, C. G.....    | "           | Englewood, N. J.  |
| Du Barry, B.....         | "          | Washington, D. C.  | Schofield, John M..... | Lieut.-Gen. | Chicago, Ill.     |
| Fessenden, F.....        | "          | Portland, Me.      | Sickles, Daniel E..... | Maj.-Gen.   | New York City.    |
| Porsyth, James W.....    | Maj.-Gen.  | Columbus, O.       | Smith, William.....    | Brig.-Gen.  | St. Paul, Minn.   |
| Frank, Royal T.....      | Brig.-Gen. | Washington, D. C.  | Stanley, David S.....  | "           | Washington, D. C. |
| Graham, W. T.....        | "          | Fort Hamilton, NY  | Stanton, T. H.....     | "           | Washington, D. C. |
| Grierson, B. H.....      | "          | Jacksonville, Ill. | Sullivan, Thos. C..... | "           | Washington, D. C. |
| Hammond, W. A.....       | "          | Washington, D. C.  | Weeks, George H.....   | "           | Washington, D. C. |
| Hardin, M. D.....        | "          | Chicago, Ill.      | Wheaton, Frank.....    | Maj.-Gen.   | Washington, D. C. |
| Hawkins, John P.....     | "          | London, England.   | Willcox, O. B.....     | Brig.-Gen.  | Washington, D. C. |
| Holabird, S. B.....      | "          | Washington, D. C.  | Williams, Robert.....  | "           | Washington, D. C. |
| Howard, Oliver O.....    | Maj.-Gen.  | Burlington, Vt.    | Wood, T. J.....        | "           | Dayton, O.        |

The following are the dates of the future retirements of Generals now on the active list: Major-General Wesley Merritt, June 16, 1900; Brigadier-General Guido N. Lieber, May 21, 1901; Chief of Engineers John M. Wilson, October 8, 1901; Brigadier-General Henry C. Merriam, November 13, 1901; Chief of Ordnance A. R. Buffington, November 22, 1901; Brigadier-General Elwell S. Otis, March 25, 1902; Brigadier-General George M. Sternberg, June 8, 1902; Brigadier-General John R. Brooke, July 21, 1902; Quartermaster-General M. I. Ludington, July 4, 1903; Major-General Nelson A. Miles, August 8, 1903; Paymaster-General Alfred E. Bates, July 15, 1904; Commissary-General Charles P. Eagan, January 16, 1905; Brigadier-General Joseph C. Breckinridge, January 14, 1906; Adjutant-General Henry C. Corbin, September 15, 1906; Brigadier-General, James F. Wade, April 14, 1907; Brigadier-General Adolphus W. Greely, March 27, 1908; Brigadier-General Fred. C. Ainsworth, September 11, 1916.

## GENERAL OFFICERS UNITED STATES VOLUNTEERS.

| Rank.                  | Name.                     | Command.                                | Headquarters.       |
|------------------------|---------------------------|---|---------------------|
| Major-General.....     | William R. Shafter.....   | Department of California.....           | San Francisco, Cal. |
| "                      | Elwell S. Otis.....       | Department of the Pacific.....          | Manila.             |
| "                      | Henry W. Lawton.....      | On service in the Philippines.....      | Manila.             |
| "                      | Arthur MacArthur.....     | On service in the Philippines.....      | Manila.             |
| "                      | Leonard Wood.....         | Dept. Santiago and Puerto Principe..... | Santiago.           |
| Brigadier-General..... | James H. Wilson.....      | Dept. Matanzas and Santa Clara.....     | Matanzas.           |
| "                      | Fitzhugh Lee.....         | Dept. Province of Havana, etc.....      | Havana.             |
| "                      | Joseph Wheeler.....       | On service in the Philippines.....      | Manila.             |
| "                      | John C. Bates.....        | On service in Cuba.....                 | Santa Clara.        |
| "                      | Samuel B. M. Young.....   | On service in the Philippines.....      | Manila.             |
| "                      | Adna R. Chaffee.....      | On service in Cuba.....                 | Puerto Principe.    |
| "                      | William Ludlow.....       | Department of Havana.....               | Havana.             |
| "                      | George W. Davis.....      | Department of Porto Rico.....           | San Juan.           |
| "                      | Theodore Schwan.....      | On service in the Philippines.....      | Manila.             |
| "                      | Robert H. Hall.....       | On service in the Philippines.....      | Manila.             |
| "                      | Loyd Wheaton.....         | On service in the Philippines.....      | Manila.             |
| "                      | Fredrick D. Grant.....    | On service in the Philippines.....      | Manila.             |
| "                      | Robert P. Hughes.....     | Inspector-General's Department.....     | Washington.         |
| "                      | James F. Smith.....       | On service in the Philippines.....      | Manila.             |
| "                      | Frederick Funston.....    | On service in the Philippines.....      | Manila.             |
| "                      | Edgar B. Kellogg.....     | On service in the Philippines.....      | Manila.             |
| "                      | Gilbert S. Carpenter..... | On service in the Philippines.....      | Manila.             |
| "                      | William A. Kobbé.....     | On service in the Philippines.....      | Manila.             |
| "                      | J. Franklin Bell.....     | On service in the Philippines.....      | Manila.             |

## ORGANIZATION OF THE UNITED STATES REGULAR ARMY.

The Congress of the United States, by act of March 4, 1899, reorganized the army on the following basis: The President was authorized to maintain the Regular Army at a strength not exceeding 65,000 enlisted men, to be distributed among the several branches of the service, including the Signal Corps, and to raise a force of not more than 35,000 volunteers to be recruited as he may determine from the country at large, or from localities where their services are needed. Under this provision the strength of the army is 100,000 men.

All enlistments for the volunteer force shall be for the term of two years and four months, unless sooner discharged.

The act also provides that the increased regular and volunteer force shall continue in service only during the necessity therefor and not later than July 1, 1901.

## MILITARY DEPARTMENTS OF THE UNITED STATES.

**HEADQUARTERS OF THE ARMY.**—Commander, Major-Gen. N. A. Miles, Washington, D. C.

**DIVISION OF CUBA.**—Consisting of the geographical departments and provinces of the Island of Cuba; headquarters, Havana, Cuba. Commander, Major-Gen. J. R. Brooke.

**DEPARTMENT OF CALIFORNIA.**—States of California and Nevada, the Hawaiian Islands and their dependencies; headquarters, San Francisco, Cal. Commander, Major-Gen. W. R. Shafter.

**DEPARTMENT OF THE COLORADO.**—States of Wyoming (except so much thereof as is embraced in the Yellowstone National Park), Colorado, and Utah, and the Territories of Arizona and New Mexico; headquarters, Denver, Col. Commander, Brig.-Gen. H. C. Merriam.

**DEPARTMENT OF THE COLUMBIA.**—States of Washington, Oregon, Idaho (except so much of the latter as is embraced in the Yellowstone National Park), and the Territory of Alaska; headquarters, Vancouver Barracks, Washington. Commander, Major-Gen. W. R. Shafter.

**DEPARTMENT OF DAKOTA.**—States of Minnesota, North Dakota, South Dakota, Montana, and so much of Wyoming and Idaho as is embraced in the Yellowstone National Park; headquarters, St. Paul, Minn. Commander, Brig.-Gen. J. F. Wade.

**DEPARTMENT OF THE EAST.**—New England States, New York, New Jersey, Pennsylvania, Delaware, Maryland, District of Columbia, West Virginia, Virginia, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, and Louisiana; headquarters, Governor's Island, N. Y. Commander, Major-Gen. Wesley Merritt.

**DEPARTMENT OF HAVANA.**—Consisting of that portion of the Island of Cuba embraced within the following boundaries: Beginning at the mouth of the Almendares River, thence south and east, following the Almendares to its tributary, the Rio

Grande; thence along the Rio Grande to near its head; thence north via Santa Maria del Rosario to the headwaters of the Rio las Vegas; thence along the Rio las Vegas and the Rio Cojimar to the sea; headquarters, Havana, Cuba. Commander, Brig.-Gen. William Ludlow.

**DEPARTMENT OF THE LAKES.**—States of Wisconsin, Michigan, Illinois, Indiana, Ohio, Kentucky, and Tennessee; headquarters, Chicago, Ill. Commander, Brig.-Gen. T. M. Anderson.

**DEPARTMENT OF MATANZAS AND SANTA CLARA.**—Provinces of Matanzas and Santa Clara; headquarters, Matanzas, Cuba. Commander, Brig.-Gen. J. H. Wilson.

**DEPARTMENT OF THE MISSOURI.**—States of Iowa, Nebraska, Missouri, Kansas, and Arkansas, the Indian Territory, and the Territory of Oklahoma; headquarters, Omaha, Neb. Commander, Brig.-Gen. H. C. Merriam.

**DEPARTMENT OF THE PACIFIC.**—Philippine Islands; headquarters, Manila, Philippine Islands. Commander, Major-Gen. E. S. Otis.

**DEPARTMENT OF PORTO RICO.**—Island of Porto Rico, and the islands and keys adjacent thereto; headquarters, San Juan, Porto Rico. Commander, Brig.-Gen. G. W. Davis.

**DEPARTMENT OF PROVINCES OF HAVANA AND PINAR DEL RIO.**—Consisting of all that portion of the Island of Cuba within the limits of the Province of Havana (except such portion as is embraced in the Department of Havana) and the Province of Pinar del Rio; headquarters, Havana, Cuba. Commander, Brig.-Gen. Fitzhugh Lee.

**DEPARTMENT OF SANTIAGO AND PUERTO PRINCIPLE.**—Provinces of Santiago and Puerto Principe; headquarters, Santiago, Cuba. Commander, Major-Gen. Leonard Wood.

**DEPARTMENT OF TEXAS.**—State of Texas; headquarters, San Antonio, Tex. Commander, Col. Chambers McKibbin, Twelfth Infantry.

## FIELD OFFICERS OF REGIMENTS, REGULAR ARMY.

|                           |                            |                          |                          |                           |                          |                           |                          |
|---------------------------|----------------------------|--------------------------|--------------------------|---------------------------|--------------------------|---------------------------|--------------------------|
| <i>First Cavalry.</i>     |                            | <i>Sixth Cavalry.</i>    |                          | <i>First Artillery.</i>   |                          | <i>Sixth Artillery.</i>   |                          |
| Col. A. K. Arnold.        | Col. S. S. Sumner.         | Col. F. W. Randolph.     | Col. E. B. Williston.    | Lt.-Col. D. H. Knuzie.    | Lt.-Col. F. G. Smith.    | Lt.-Col. F. G. Smith.     | Lt.-Col. C. A. Dempsey.  |
| Lt.-Col. Thomas C. Lebo.  | Lt.-Col. Theo. J. Wint.    | Maj. John F. Clegg.      | Maj. Samuel M. Mills.    | Maj. John F. Clegg.       | Maj. William P. Vose.    | Maj. Samuel M. Mills.     | Maj. John J. O'Connell.  |
| Maj. James M. Bell.       | Maj. Eli L. Huggins.       | Maj. John L. Timon.      | Maj. William P. Vose.    | Maj. John L. Timon.       | Maj. William Ennis.      | Maj. William P. Vose.     | Maj. Frank H. Edmunds.   |
| Maj. Allen Smith.         | Maj. George S. Anderson.   | Maj. John M. K. Davis.   | Maj. William Ennis.      | Maj. John M. K. Davis.    |                          | Maj. William Ennis.       | Maj. Frederick A. Smith. |
| Maj. Frederick K. Ward.   | Maj. Alexander Rodgers.    | <i>Second Artillery.</i> |                          | <i>Seventh Artillery.</i> |                          | <i>Seventh Artillery.</i> |                          |
| <i>Second Cavalry.</i>    |                            | Col. Wm. L. Haskin.      | Col. H. C. Hasbrouck.    | Col. Wm. L. Haskin.       | Col. H. C. Hasbrouck.    | Col. H. C. Hasbrouck.     | Col. H. C. Hasbrouck.    |
| Col. H. E. Noyes.         | Col. Theo. A. Baldwin.     | Lt.-Col. John R. Myrick. | Lt.-Col. C. A. Woodruff. | Lt.-Col. John R. Myrick.  | Lt.-Col. C. A. Woodruff. | Lt.-Col. C. A. Woodruff.  | Lt.-Col. C. A. Woodruff. |
| Lt.-Col. W. M. Wallace.   | Lt.-Col. Jas. N. Wheelan.  | Maj. John C. Scantling.  | Maj. Chas. Morris.       | Maj. John C. Scantling.   | Maj. Chas. Morris.       | Maj. Chas. Morris.        | Maj. Chas. Morris.       |
| Maj. A. G. Henuisse.      | Maj. Ed. S. Godfrey.       | Maj. George S. Grimes.   | Maj. J. P. Story.        | Maj. George S. Grimes.    | Maj. J. P. Story.        | Maj. J. P. Story.         | Maj. J. P. Story.        |
| Maj. Joseph H. Dorst.     | Maj. Winfield S. Edgerly.  | Maj. Benj. K. Roberts.   | Maj. G. G. Greenough.    | Maj. Benj. K. Roberts.    |                          | Maj. G. G. Greenough.     | Maj. G. G. Greenough.    |
| Maj. W. S. Schuyler.      | Maj. Ed. A. Godwin.        | <i>Third Artillery.</i>  |                          | <i>Third Artillery.</i>   |                          | <i>Third Artillery.</i>   |                          |
| <i>Third Cavalry.</i>     |                            | Col. Jacob B. Rawles.    | Col. Jacob B. Rawles.    | Col. Jacob B. Rawles.     | Col. Jacob B. Rawles.    | Col. Jacob B. Rawles.     | Col. Jacob B. Rawles.    |
| Col. Samuel B. M. Young.  | Col. Adna R. Challice.     | Lt.-Col. Edward Field.   | Lt.-Col. Edward Field.   | Lt.-Col. Edward Field.    | Lt.-Col. Edward Field.   | Lt.-Col. Edward Field.    | Lt.-Col. Edward Field.   |
| Lt.-Col. H. Wessells, Jr. | Lt.-Col. W. Davis.         | Maj. F. W. Hess.         | Maj. F. W. Hess.         | Maj. F. W. Hess.          | Maj. F. W. Hess.         | Maj. F. W. Hess.          | Maj. F. W. Hess.         |
| Maj. Henry Jackson.       | Maj. Chas. A. P. Hatfield. | Maj. W. A. Kobbé.        | Maj. W. A. Kobbé.        | Maj. W. A. Kobbé.         | Maj. W. A. Kobbé.        | Maj. W. A. Kobbé.         | Maj. W. A. Kobbé.        |
| Maj. S. M. Switzer.       | Maj. Henry W. Sprole.      | Maj. Abner H. Merrill.   | Maj. Abner H. Merrill.   | Maj. Abner H. Merrill.    | Maj. Abner H. Merrill.   | Maj. Abner H. Merrill.    | Maj. Abner H. Merrill.   |
| Maj. Edgar Z. Steever.    | Maj. William Stubton.      | <i>Fourth Artillery.</i> |                          | <i>Fourth Artillery.</i>  |                          | <i>Fourth Artillery.</i>  |                          |
| <i>Fourth Cavalry.</i>    |                            | Col. F. L. Guenther.     | Col. F. L. Guenther.     | Col. F. L. Guenther.      | Col. F. L. Guenther.     | Col. F. L. Guenther.      | Col. F. L. Guenther.     |
| Col. Charles D. Vile.     | Col. Thomas McGregor.      | Lt.-Col. Geo. B. Rodney. | Lt.-Col. Geo. B. Rodney. | Lt.-Col. Geo. B. Rodney.  | Lt.-Col. Geo. B. Rodney. | Lt.-Col. Geo. B. Rodney.  | Lt.-Col. Geo. B. Rodney. |
| Lt.-Col. E. M. Hayes.     | Lt.-Col. A. B. Wells.      | Maj. J. M. Lancaster.    | Maj. J. M. Lancaster.    | Maj. J. M. Lancaster.     | Maj. J. M. Lancaster.    | Maj. J. M. Lancaster.     | Maj. J. M. Lancaster.    |
| Maj. Louis H. Rucker.     | Maj. A. E. Woodson.        | Maj. F. Van A. Andrus.   | Maj. F. Van A. Andrus.   | Maj. F. Van A. Andrus.    | Maj. F. Van A. Andrus.   | Maj. F. Van A. Andrus.    | Maj. F. Van A. Andrus.   |
| Maj. Jacob A. Angus.      | Maj. Wm. C. Furbush.       | Maj. Frederick Fuger.    | Maj. Frederick Fuger.    | Maj. Frederick Fuger.     | Maj. Frederick Fuger.    | Maj. Frederick Fuger.     | Maj. Frederick Fuger.    |
| Maj. Charles Morton.      | Maj. M. B. Hughes.         | <i>Fifth Artillery.</i>  |                          | <i>Fifth Artillery.</i>   |                          | <i>Fifth Artillery.</i>   |                          |
| <i>Fifth Cavalry.</i>     |                            | Col. John I. Rodgers.    | Col. John I. Rodgers.    | Col. John I. Rodgers.     | Col. John I. Rodgers.    | Col. John I. Rodgers.     | Col. John I. Rodgers.    |
| Col. Wm. A. Rafferty.     | Col. S. M. Whitsett.       | Lt.-Col. Tullie McCrea.  | Lt.-Col. Tullie McCrea.  | Lt.-Col. Tullie McCrea.   | Lt.-Col. Tullie McCrea.  | Lt.-Col. Tullie McCrea.   | Lt.-Col. Tullie McCrea.  |
| Lt.-Col. C. C. Carr.      | Lt.-Col. Francis Moore.    | Maj. James M. Ingalls.   | Maj. James M. Ingalls.   | Maj. James M. Ingalls.    | Maj. James M. Ingalls.   | Maj. James M. Ingalls.    | Maj. James M. Ingalls.   |
| Maj. E. L. Cooper.        | Maj. Richard H. Pratt.     | Maj. J. B. Burbank.      | Maj. J. B. Burbank.      | Maj. J. B. Burbank.       | Maj. J. B. Burbank.      | Maj. J. B. Burbank.       | Maj. J. B. Burbank.      |
| Maj. E. D. Dimmick.       | Maj. John B. Kerr.         | Maj. Seidon A. Day.      | Maj. Seidon A. Day.      | Maj. Seidon A. Day.       | Maj. Seidon A. Day.      | Maj. Seidon A. Day.       | Maj. Seidon A. Day.      |
| Maj. Earl D. Thomas.      | Maj. C. A. Stedman.        |                          |                          |                           |                          |                           |                          |

## FIELD OFFICERS OF REGIMENTS, REGULAR ARMY—Continued.

|   |  |   |  |
|---|--|---|--|
| <i>Fourth Infantry.</i><br>Col. Robert H. Hall.<br>Lt.-Col. J. M. J. Sanno.<br>Maj. Butler D. Price.<br>Maj. Philip Reade.<br>Maj. Walter S. Scott.           | Maj. J. M. Lee.<br>Maj. Morris C. Foote.<br>Maj. James Regan.  | <i>Fifteenth Infantry.</i><br>Col. Edward Moale.<br>Lt.-Col. C. Williams.<br>Maj. John B. Guthrie.<br>Maj. Jas. A. Buchanan.<br>Maj. George A. Cornish.         | Maj. James Miller.<br>Maj. Wm. P. Rogers.<br>Maj. John B. Rodman.  |
| <i>Fifth Infantry.</i><br>Col. Richard Comba.<br>Lt.-Col. Mott Hooton.<br>Maj. Jesse C. Chance.<br>Maj. Theo. F. Forbes.<br>Maj. George P. Borden.            | <i>Tenth Infantry.</i><br>Col. Ezra P. Ewers.<br>Lt.-Col. S. H. Lincoln.<br>Maj. Walter T. Duggan.<br>Maj. Ralph W. Hoyt.<br>Maj. Geo. Le R. Brown.            | <i>Sixteenth Infantry.</i><br>Col. Charles C. Hood.<br>Lt.-Col. Wm. F. Spurgin.<br>Maj. Henry C. Ward.<br>Maj. J. T. Kirkman.<br>Maj. Sam. R. Whittall.         | <i>Twenty-first Infantry.</i><br>Col. Jacob Kline.<br>Lt.-Col. Wm. H. Clapp.<br>Maj. Daniel Cornman.<br>Maj. Ben. C. Lockwood.<br>Maj. Willis Wittich.         |
| <i>Sixth Infantry.</i><br>Col. Edgar H. Kellogg.<br>Lt.-Col. Chas. W. Miner.<br>Maj. F. A. Whitney.<br>Maj. W. H. H. Crowell.<br>Maj. C. M. Rockefeller.      | <i>Eleventh Infantry.</i><br>Col. Isaac D. De Russy.<br>Lt.-Col. H. R. Brinkerhoff.<br>Maj. Charles L. Davis.<br>Maj. Albert L. Myer.<br>Maj. F. W. Mansfield. | <i>Seventeenth Infantry.</i><br>Col. Jacob H. Smith.<br>Lt.-Col. Charles F. Robe.<br>Maj. L. M. O'Brien.<br>Maj. Chas. A. Williams.<br>Maj. Calvin D. Cowles.   | <i>Twenty-second Infantry.</i><br>Col. John W. French.<br>Lt.-Col. Wilson T. Hartz.<br>Maj. Chas. G. Penney.<br>Maj. John A. Baldwin.<br>Maj. Alfred Reynolds. |
| <i>Seventh Infantry.</i><br>Col. Edwin M. Coates.<br>Lt.-Col. W. E. Dougherty.<br>Maj. Wm. V. Richards.<br>Maj. F. M. H. Kendrick.<br>Maj. J. T. Van Orsdale. | <i>Twelfth Infantry.</i><br>Col. Chambers McKibbin.<br>Lt.-Col. John W. Budd.<br>Maj. Harry L. Haskell.<br>Maj. William Gerlach.<br>Maj. Leven C. Allen.       | <i>Eighteenth Infantry.</i><br>Col. Gilbert S. Carpenter.<br>Lt.-Col. W. M. Van Horne.<br>Maj. Charles R. Paul.<br>Maj. Henry H. Adams.<br>Maj. Wm. B. Wheeler. | <i>Twenty-third Infantry.</i><br>Col. George W. Davis.<br>Lt.-Col. R. I. Eskridge.<br>Maj. Owen J. Sweet.<br>Maj. Wm. H. W. James.<br>Maj. Edward B. Pratt.    |
| <i>Eighth Infantry.</i><br>Col. George M. Randall.<br>Lt.-Col. Philip H. Ellis.<br>Maj. John P. Stretch.<br>Maj. Henry P. Ray.<br>Maj. Wm. L. Pitcher.        | <i>Thirteenth Infantry.</i><br>Col. William H. Bisbee.<br>Lt.-Col. Cyrus S. Roberts.<br>Maj. W. Auman.<br>Maj. Joseph W. Duncan.<br>Maj. Cornelius Gardener.   | <i>Nineteenth Infantry.</i><br>Col. Simon Snyder.<br>Lt.-Col. Wm. H. Boyle.<br>Maj. John G. Leefe.<br>Maj. Joseph F. Hinson.<br>Maj. Thos. C. Woodbury.         | <i>Twenty-fourth Infantry.</i><br>Col. Henry B. Freeman.<br>Lt.-Col. Chas. Keller.<br>Maj. Alfred C. Markley.<br>Maj. Henry Wygant.<br>Maj. James E. Macklin.  |
| <i>Ninth Infantry.</i><br>Col. E. H. Liscum.<br>Lt.-Col. C. A. Coolidge.  | <i>Fourteenth Infantry.</i><br>Col. Aaron S. Daggett.<br>Lt.-Col. J. M. Thompson.<br>Maj. Carroll H. Potter.<br>Maj. William Quinton.<br>Maj. Leon A. Matile.  | <i>Twentieth Infantry.</i><br>Col. Loyd Whaton.<br>Lt.-Col. W. S. McCauley.   | <i>Twenty-fifth Infantry.</i><br>Col. A. S. Burt.<br>Lt.-Col. S. P. Jocelyn.<br>Maj. David J. Craigie.<br>Maj. Charles H. Noble.<br>Maj. David B. Wilson.      |

## FIELD OFFICERS OF REGIMENTS, VOLUNTEER ARMY.

|  |   |  |  |
|--|---|--|--|
| <i>Twenty-sixth Infantry.</i><br>Col. Edmund Rice.<br>Lt.-Col. Jos. T. Dickman.<br>Maj. E. D. Anderson.<br>Maj. Frank A. Cook.<br>Maj. Guy V. Henry, Jr.         | Lt.-Col. L. H. Strother.<br>Maj. Robt. E. L. Spence.<br>Maj. Morton J. Henry.<br>Maj. Chas. Ellet Cabell.   | Maj. W. A. Holbrook.<br>Maj. Lewis E. Goodier.   | <i>Forty-fifth Infantry.</i><br>Col. Joseph H. Dorst.<br>Lt.-Col. James Parker.<br>Maj. D. A. Frederick.<br>Maj. Edwin T. Cole.<br>Maj. T. K. Birkhaeuser.       |
| <i>Twenty-seventh Infantry.</i><br>Col. James M. Bell.<br>Lt.-Col. A. S. Cummins.<br>Maj. George L. Byram.<br>Maj. Edward B. Cassatt.<br>Maj. Clyde D. V. Hunt.  | <i>Thirty-third Infantry.</i><br>Col. Luther R. Hare.<br>Lt.-Col. John J. Breton.<br>Maj. Marcus D. Cronin.<br>Maj. Peyton C. March.<br>Maj. Sirmyer Edgar.       | <i>Thirty-ninth Infantry.</i><br>Col. Robert L. Bullard.<br>Lt.-Col. E. H. Crowder.<br>Maj. Geo. T. Langhorne.<br>Maj. John H. Parker.<br>Maj. Harry B. Mulford.   | <i>Forty-sixth Infantry.</i><br>Col. Walter S. Schuyler.<br>Lt.-Col. Edward B. Pratt.<br>Maj. Samuel W. Miller.<br>Maj. Wm. H. Johnston.<br>Maj. William Brooke. |
| <i>Twenty-eighth Infantry.</i><br>Col. Wm. E. Birkhimer.<br>Lt.-Col. R. W. Leonard.<br>Maj. George H. Morgan.<br>Maj. Elmore F. Taggart.<br>Maj. John B. Porter. | <i>Thirty-fourth Infantry.</i><br>Col. L. W. V. Kennon.<br>Lt.-Col. Robt. L. Howze.<br>Maj. William A. Shunk.<br>Maj. Julius A. Pemm.<br>Maj. Joseph Wheeler, Jr. | <i>Fortieth Infantry.</i><br>Col. Edward A. Godwin.<br>Lt.-Col. B. A. Byrne.<br>Maj. Wm. E. Craighill.<br>Maj. M. M. McNamee.<br>Maj. James F. Case.               | <i>Forty-seventh Infantry.</i><br>Col. Walter Howe.<br>Lt.-Col. C. R. Edwards.<br>Maj. Hugh D. Wise.<br>Maj. Keller Anderson.<br>Maj. James A. Sipton.           |
| <i>Twenty-ninth Infantry.</i><br>Col. Edward E. Hardin.<br>Lt.-Col. H. H. Sargent.<br>Maj. H. L. Hawthorne.<br>Maj. E. M. Johnson, Jr.<br>Maj. David B. Case.    | <i>Thirty-fifth Infantry.</i><br>Col. Wm. A. Kobbé.<br>Lt.-Col. E. H. Plummer.<br>Maj. Robert D. Walsh.<br>Maj. Walter C. Short.<br>Maj. Albert Laws.             | <i>Forty-first Infantry.</i><br>Col. E. T. C. Richmond.<br>Lt.-Col. John S. Mallory.<br>Maj. Palmer G. Wood.<br>Maj. Guy H. Preston.<br>Maj. John H. Wholey.       | <i>Forty-eighth Infantry.</i><br>Col. William P. Davall.<br>Lt.-Col. T. W. Jones.<br>Maj. Sedgwick Rice.<br>Maj. Alexander L. Dale.<br>Maj. John Howard.         |
| <i>Thirtieth Infantry.</i><br>Col. Cornelius Gardener.<br>Lt.-Col. J. R. Campbell.<br>Maj. L. A. Lovering.<br>Maj. Matthew F. Steele.<br>Maj. Thos. L. Hartigan. | <i>Thirty-sixth Infantry.</i><br>Col. J. Franklin Bell.<br>Lt.-Col. Wm. R. Grove.<br>Maj. William J. Luhn.<br>Maj. John Q. A. Eraden.<br>Maj. William H. Bishop.  | <i>Forty-second Infantry.</i><br>Col. J. Milton Thompson.<br>Lt.-Col. John H. Beacom.<br>Maj. William C. Brown.<br>Maj. Edward C. Carey.<br>Maj. John R. Prime.    | <i>Forty-ninth Infantry.</i><br>Col. William H. Beck.<br>Lt.-Col. Arthur C. Ducat.<br>Maj. C. P. Johnson.<br>Maj. Ernest Hinds.<br>Maj. Geo. W. Kirkman.         |
| <i>Thirty-first Infantry.</i><br>Col. James S. Pettit.<br>Lt.-Col. Webb C. Hayes.<br>Maj. Lloyd M. Brett.<br>Maj. Hunter Liggett.<br>Maj. John E. McMahon.       | <i>Thirty-seventh Infantry.</i><br>Col. Robert B. Wallace.<br>Lt.-Col. Thos. R. Hamer.<br>Maj. Charles T. Boyd.<br>Maj. Henry B. Orwig.<br>Maj. B. F. Cheatham.   | <i>Forty-third Infantry.</i><br>Col. Arthur Murray.<br>Lt.-Col. Wilber E. Wilder.<br>Maj. Henry T. Allen.<br>Maj. Lincoln C. Andrews.<br>Maj. John C. Gilmore, Jr. | <i>Porto Rico Battalion Inf.</i><br>Maj. L. P. Davidson.   |
| <i>Thirty-second Infantry.</i><br>Col. Louis A. Craig.   | <i>Thirty-eighth Infantry.</i><br>Col. George S. Anderson.<br>Lt.-Col. Chas. J. Crane.<br>Maj. Charles H. Muir.   | <i>Forty-fourth Infantry.</i><br>Col. Ed. J. McClelland.<br>Lt.-Col. Wm. S. Scott.<br>Maj. Henry C. Hale.<br>Maj. C. C. Walcutt, Jr.<br>Maj. Henry B. McCoy.       | <i>Eleventh Regt. Cavalry.</i><br>Col. James Lockett.<br>Lt.-Col. Charles G. Starr.<br>Maj. Thos. G. Carson.<br>Maj. Dennis E. Nolan.<br>Maj. Hugh T. Sime.      |

## HEADQUARTERS OF REGIMENTS,

(December 1, 1899.)

*Engineer Battalion*—Fort Totten, N. Y.  
*Signal Corps*—Washington, D. C.  
*First Cavalry*—Fort Meade, S. D.  
*Second Cavalry*—Santa Clara, Cuba.  
*Third Cavalry*—Manila, P. I.  
*Fourth Cavalry*—Manila, P. I.  
*Fifth Cavalry*—Mayaguez, Porto Rico.  
*Sixth Cavalry*—Fort Riley, Kan.  
*Seventh Cavalry*—Quemados, Cuba.  
*Eighth Cavalry*—Puerto Principe, Cuba.  
*Ninth Cavalry*—Fort Grant, Ariz.  
*Tenth Cavalry*—Manzanillo, Cuba.  
*Eleventh Cavalry*—Manila, P. I.  
*First Artillery*—Sullivans island, S. C.  
*Second Artillery*—Havana, Cuba.  
*Third Artillery*—Angel Island, Cal.  
*Fourth Artillery*—Fort Monroe, Va.  
*Fifth Artillery*—Fort Hamilton, N. Y.  
*Sixth Artillery*—Manila, P. I.  
*Seventh Artillery*—Fort Adams, R. I.  
*First Infantry*—Pinar del Rio, Cuba.  
*Second Infantry*—Paso Caballo, Cuba.  
*Third Infantry*—Manila, P. I.  
*Fourth Infantry*—Manila, P. I.  
*Fifth Infantry*—Santiago, Cuba.  
*Sixth Infantry*—Manila, P. I.  
*Seventh Infantry*—Fort Wayne, Mich.  
*Eighth Infantry*—Quemados, Cuba.  
*Ninth Infantry*—Manila, P. I.  
*Tenth Infantry*—Matanzas, Cuba.  
*Eleventh Infantry*—San Juan, Porto Rico.  
*Twelfth Infantry*—Manila, P. I.  
*Thirteenth Infantry*—Manila, P. I.  
*Fourteenth Infantry*—Manila, P. I.  
*Fifteenth Infantry*—Puerto Principe, Cuba.

*Sixteenth Infantry*—Manila, P. I.  
*Seventeenth Infantry*—Manila, P. I.  
*Eighteenth Infantry*—Manila, P. I.  
*Nineteenth Infantry*—Manila, P. I.  
*Twentieth Infantry*—Manila, P. I.  
*Twenty-first Infantry*—Manila, P. I.  
*Twenty-second Infantry*—Manila, P. I.  
*Twenty-third Infantry*—Manila, P. I.  
*Twenty-fourth Infantry*—Manila, P. I.  
*Twenty-fifth Infantry*—Manila, P. I.  
*Twenty-sixth Infantry*—Manila, P. I.  
*Twenty-seventh Infantry*—Manila, P. I.  
*Twenty-eighth Infantry*—Manila, P. I.  
*Twenty-ninth Infantry*—Manila, P. I.  
*Thirtieth Infantry*—Manila, P. I.  
*Thirty-first Infantry*—Manila, P. I.  
*Thirty-second Infantry*—Manila, P. I.  
*Thirty-third Infantry*—Manila, P. I.  
*Thirty-fourth Infantry*—Manila, P. I.  
*Thirty-fifth Infantry*—Manila, P. I.  
*Thirty-sixth Infantry*—Manila, P. I.  
*Thirty-seventh Infantry*—Manila, P. I.  
*Thirty-eighth Infantry*—Manila, P. I.  
*Thirty-ninth Infantry*—Manila, P. I.  
*Fortieth Infantry*—Manila, P. I.  
*Forty-first Infantry*—Manila, P. I.  
*Forty-second Infantry*—Manila, P. I.  
*Forty-third Infantry*—Manila, P. I.  
*Forty-fourth Infantry*—Manila, P. I.  
*Forty-fifth Infantry*—Manila, P. I.  
*Forty-sixth Infantry*—Manila, P. I.  
*Forty-seventh Infantry*—Manila, P. I.  
*Forty-eighth Infantry*—Manila, P. I.  
*Forty-ninth Infantry*—Manila, P. I.

## ARMY PAY TABLE.

| GRADE.                            | PAY OF OFFICERS IN ACTIVE SERVICE. |                         |                          |                          |                          | PAY OF RETIRED OFFICERS. |                         |                          |                          |                          |
|-----------------------------------|------------------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|--------------------------|--------------------------|--------------------------|
|                                   | Yearly Pay.                        |                         |                          |                          |                          | Yearly Pay.              |                         |                          |                          |                          |
|                                   | First 5 years' Service.            | After 5 years' Service. | After 10 years' Service. | After 15 years' Service. | After 20 years' Service. | First 5 years' Service.  | After 5 years' Service. | After 10 years' Service. | After 15 years' Service. | After 20 years' Service. |
|                                   |                                    | 10 p. c.                | 20 p. c.                 | 30 p. c.                 | 40 p. c.                 |                          |                         |                          |                          |                          |
| Major-General .....               | \$7,500                            | .....                   | .....                    | .....                    | .....                    | \$5,625                  | .....                   | .....                    | .....                    | .....                    |
| Brigadier-General .....           | 5,500                              | .....                   | .....                    | .....                    | .....                    | 4,125                    | .....                   | .....                    | .....                    | .....                    |
| Colonel .....                     | 3,500                              | \$3,850                 | \$4,200                  | \$4,550                  | \$4,900                  | 2,625                    | \$2,887                 | \$3,150                  | \$3,375                  | \$3,575                  |
| Lieutenant-Colonel .....          | 3,000                              | 3,300                   | 3,600                    | 3,900                    | *4,000                   | 2,250                    | 2,475                   | 2,700                    | 2,925                    | 3,000                    |
| Major .....                       | 2,500                              | 2,750                   | 3,000                    | 3,250                    | 3,500                    | 1,875                    | 2,062                   | 2,250                    | 2,437                    | 2,625                    |
| Captain, mounted .....            | 2,000                              | 2,200                   | 2,400                    | 2,600                    | 2,800                    | 1,500                    | 1,650                   | 1,800                    | 1,950                    | 2,100                    |
| Captain, not mounted .....        | 1,800                              | 1,980                   | 2,160                    | 2,340                    | 2,520                    | 1,350                    | 1,485                   | 1,620                    | 1,755                    | 1,890                    |
| 1st Lieutenant, mounted .....     | 1,600                              | 1,760                   | 1,920                    | 2,080                    | 2,240                    | 1,200                    | 1,320                   | 1,440                    | 1,560                    | 1,680                    |
| 1st Lieutenant, not mounted ..... | 1,500                              | 1,650                   | 1,800                    | 1,950                    | 2,100                    | 1,125                    | 1,237                   | 1,350                    | 1,462                    | 1,575                    |
| 2d Lieutenant, mounted .....      | 1,500                              | 1,650                   | 1,800                    | 1,950                    | 2,100                    | 1,125                    | 1,237                   | 1,350                    | 1,462                    | 1,575                    |
| 2d Lieutenant, not mounted .....  | 1,400                              | 1,540                   | 1,680                    | 1,820                    | 1,960                    | 1,050                    | 1,115                   | 1,260                    | 1,365                    | 1,470                    |

\* The maximum pay of Colonels is limited to \$4,500, and of Lieutenant-Colonels to \$4,000.

The pay of non-commissioned officers is from \$18 to \$34 per month, and of privates \$13 per month.

## United States Army Recruiting Requirements.

APPLICANTS for first enlistment must be between the ages of eighteen and thirty-five years, of good character and habits, able-bodied, free from disease, and must be able to speak, read, and write the English language.

No person under eighteen years of age will be enlisted or re-enlisted, and minors between the ages of eighteen and twenty-one years must not be enlisted without the written consent of father, only surviving parent, or legally appointed guardian.

Original enlistments will be confined to persons who are citizens of the United States, or who have made legal declaration of their intention to become citizens thereof.

Married men will be enlisted only upon the approval of a regimental commander.

Applicants will be required to satisfy the recruiting officer regarding age and character, and should be prepared to furnish the necessary evidence.

For infantry and artillery the height must be not less than five feet four inches, and weight not less than one hundred and twenty (120) pounds and not more than one hundred and ninety (190) pounds.

For cavalry the height must be not less than five feet four inches and not more than five feet ten inches, and weight not to exceed one hundred and sixty-five (165) pounds. No minimum weight is prescribed for cavalry, but the chest measures must be satisfactory.

The following are the rates of pay as fixed by law:

| GRADE.  | Pay per Month. | Pay per Year. | Pay per 3 Years. |
|---|----------------|---------------|------------------|
| COMPANY.  |                |               |                  |
| Private—Cavalry, artillery, and infantry.....                               | \$13           | \$156         | \$468            |
| Musician—Cavalry, artillery, and infantry.....                              | 13             | 156           | 468              |
| Wagoner—Cavalry.....  | 14             | 168           | 504              |
| Artificer—Field artillery and infantry.....                                 | 15             | 180           | 540              |
| Saddier—Cavalry.....  | 15             | 180           | 540              |
| Farrier and Blacksmith—Cavalry.....   | 15             | 180           | 540              |
| Corporal—Cavalry, artillery, and infantry.....                              | 15             | 180           | 540              |
| Cook—Cavalry, artillery, and infantry.....                                  | 18             | 216           | 648              |
| Mechanic—Heavy artillery.....   | 18             | 216           | 648              |
| Sergeant—Cavalry, artillery, and infantry.....                              | 18             | 216           | 648              |
| Quartermaster-Sergeant—Cavalry, artillery, and infantry.....                | 18             | 216           | 648              |
| First Sergeant—Cavalry, artillery, and infantry.....                        | 25             | 300           | 900              |
| REGIMENT.   |                |               |                  |
| Sergeant-Major and Quartermaster-Sergeant—Cavalry, artillery and infantry.. | 34             | 408           | 1,224            |
| Commissary-Sergeant—Cavalry and infantry.....                               | 34             | 408           | 1,224            |
| Squadron Sergeant-Major—Cavalry.....  | 25             | 300           | 900              |
| Battalion Sergeant-Major—Infantry.....                                      | 25             | 300           | 900              |
| Drum Major—Cavalry, artillery, and infantry.....                            | 25             | 300           | 900              |
| Chief Trumpeter—Cavalry and artillery.....                                  | 22             | 264           | 792              |
| Principal Musician—Cavalry, artillery, and infantry.....                    | 22             | 264           | 792              |

Section 6, Act of Congress approved April 26, 1898, provides "that in time of war the pay proper of enlisted men shall be increased 20 per cent. over and above the rates of pay as fixed by law."

COMPARATIVE TABLE OF GENERAL OFFICERS AND COLONELS OF THE UNITED STATES ARMY WHO WERE APPOINTED FROM CIVIL LIFE, (GRADUATED FROM WEST POINT, AND ROSE FROM THE RANKS.

(Prepared for THE WORLD ALMANAC by Capt. W. R. Hamilton, Seventh Artillery, U. S. A.)

GENERAL OFFICERS.

| APPOINTED FROM CIVIL LIFE OR FROM VOLUNTEER SERVICE. | GRADUATED FROM WEST POINT.   | APPOINTED OFFICERS FROM THE RANKS. |
|--|------------------------------|------------------------------------|
| 1—Major-Gen. N A. Miles.                             | 1—Major-Gen. Wesley Merritt. |                                    |
| 2—Major-Gen. J R. Brooke.                            | 2—Brig.-Gen. G, V. Henry.    |                                    |
| 3—Brig.-Gen. E. S. Otis.                             |                              |                                    |
| 4—Brig.-Gen. J. F. Wade.                             |                              |                                    |
| 5—Brig.-Gen. H. C. Merriam.                          |                              |                                    |

GENERAL STAFF OFFICERS.

|                                  |                                |
|----------------------------------|--------------------------------|
| 1—Brig.-Gen. H. C. Corbin.       | 1—Brig.-Gen. J. M. Wilson.     |
| 2—Brig.-Gen. J. C. Breckinridge. | 2—Brig.-Gen. A. L. Bullington. |
| 3—Brig.-Gen. M. L. Ludington.    | 3—Brig.-Gen. A. E. Bates.      |
| 4—Brig.-Gen. C. P. Eagan.        |                                |
| 5—Brig.-Gen. G. M. Sternberg.    |                                |
| 6—Brig.-Gen. A. W. Greely.       |                                |
| 7—Brig.-Gen. F. C. Ainsworth.    |                                |

COLONELS OF THE STAFF.

|                          |                           |                      |
|--------------------------|---------------------------|----------------------|
| 1—Col. Merritt Barber.   | 1—Col. Thom. Ward.        | 1—Col. Theo. Schwau. |
| 2—Col. M. V. Sheridan.   | 2—Col. W. J. Volkmar.     |                      |
| 3—Col. R. P. Hughes.     | 3—Col. G. H. Burton.      |                      |
| 4—Col. H. W. Lawton.     | 4—Col. C. A. Woodruff.    |                      |
| 5—Col. T. F. Barr.       | 5—Col. H. M. Robert.      |                      |
| 6—Col. J. M. Moore.      | 6—Col. J. W. Barlow.      |                      |
| 7—Col. J. G. Lee.        | 7—Col. P. C. Hains.       |                      |
| 8—Col. J. W. Scully.     | 8—Col. G. L. Gillespie.   |                      |
| 9—Col. A. W. Kimball.    | 9—Col. C. R. Suter.       |                      |
| 10—Col. J. F. Weston.    | 10—Col. J. A. Smith.      |                      |
| 11—Col. C. H. Alden.     | 11—Col. S. M. Mansfield.  |                      |
| 12—Col. C. C. Byrne.     | 12—Col. J. M. Whittemore. |                      |
| 13—Col. J. P. Wright.    | 13—Col. A. Mordecai.      |                      |
| 14—Col. Dallas Bache.    | 14—Col. J. P. Farley.     |                      |
| 15—Col. C. R. Greenleaf. | 15—Col. H. C. Dunwoody.   |                      |
| 16—Col. W. H. Forwood.   |                           |                      |
| 17—Col. F. M. Cox.       |                           |                      |
| 18—Col. C. I. Wilson.    |                           |                      |

COLONELS OF THE LINE—CALVARY.

|                        |                        |                        |
|------------------------|------------------------|------------------------|
| 1—Col. S. S. Sumner.   | 1—Col. A. K. Arnold.   | 1—Col. S. M. Whitside. |
| 2—Col. S. B. M. Young. | 2—Col. H. E. Noyes.    | 2—Col. T. McGregor.    |
| 3—Col. C. D. Viele.    | 3—Col. W. A. Rafferty. | 3—Col. T. A. Baldwin.  |
|                        |                        | 4—Col. A. R. Chaffee.  |

## COMPARATIVE TABLE OF GENERAL OFFICERS AND COLONELS—Continued.

## COLONELS OF THE LINE—INFANTRY.

| APPOINTED FROM CIVIL LIFE OR FROM VOLUNTEER SERVICE. | GRADUATED FROM WEST POINT. | APPOINTED OFFICERS FROM THE RANKS. |
|--|----------------------------|------------------------------------|
| 1—Col. J. C. Bates.                                  | 1—Col. R. H. Hall.         | 1—Col. H. B. Freeman.              |
| 2—Col. J. H. Page.                                   |                            | 2—Col. G. S. Carpenter.            |
| 3—Col. C. W. Davis.                                  |                            | 3—Col. W. H. Bisbee.               |
| 4—Col. S. Snyder.                                    |                            | 4—Col. C. McKibbin.                |
| 5—Col. Loyd Wheaton.                                 |                            | 5—Col. E. P. Ewers.                |
| 6—Col. Jacob Kline.                                  |                            | 6—Col. E. H. Liscum.               |
| 7—Col. J. W. French.                                 |                            | 7—Col. E. R. Kellogg.              |
| 8—Col. S. Ovenshine.                                 |                            | 8—Col. R. Comba.                   |
| 9—Col. A. S. Burt.                                   |                            | 9—Col. A. A. Harbach.              |
| 10—Col. E. M. Coates.                                |                            |                                    |
| 11—Col. G. M. Randall.                               |                            |                                    |
| 12—Col. A. S. Daggett.                               |                            |                                    |
| 13—Col. E. Moale.                                    |                            |                                    |
| 14—Col. C. C. Hood.                                  |                            |                                    |
| 15—Col. I. D. De Russy.                              |                            |                                    |

## COLONELS OF THE LINE—ARTILLERY.

|                         |                         |
|-------------------------|-------------------------|
| 1—Col. E. B. Williston. | 1—Col. F. L. Guenther.  |
| 2—Col. W. L. Haskin.    | 2—Col. J. I. Rodgers.   |
| 3—Col. W. H. Randolph.  | 3—Col. H. C. Hasbrouck. |
|                         | 4—Col. J. Rawles.       |

Appointed from civil or volunteer service, 51; graduated from West Point and appointed therefrom, 23; appointed from the ranks, 14; officers in the army (active list) who are graduates of West Point—staff, 249; line artillery, 220; cavalry, 326; infantry, 478; officers of staff who were appointed from civil life or from volunteer service, 295; officers of staff who have risen from the ranks, 7; officers of line who were appointed from civil life, or promoted from volunteer service (active list)—cavalry, 77; infantry, 480; artillery, 72; officers of the line appointed from the ranks—cavalry, 37; artillery, 15; infantry, 157.

## RETIRED LIST.

Generals and colonels appointed to the regular army from civil life, or volunteers, 63; graduates of West Point, 82; officers of other grades, from civil life, or volunteers, 342; appointed from West Point, 137; promoted from the ranks, 77; officers in the regular army (active list) who are graduates of West Point, 1,302; who are non-graduates, 1,207; graduates on the retired list, 219; non-graduates on the retired list, 487; total number of officers who were graduates from West Point, 1,521; total number of officers who are non-graduates, 1,694.

## VOLUNTEER ARMY.

General officers in the present volunteer service appointed from civil life during the Spanish-American War, 29; generals in the Spanish-American War who were graduates of West Point, 27; generals in the Spanish-American War appointed from the army, non-graduates of West Point, 83; graduates of West Point among field officers of volunteer regiments now in service, 33; of officers non-graduates, 187.

## Generals Who Have Commanded the U. S. Army.

|                       | From To |      |                      | From To |      |                     | From To |      |
|-----------------------|---------|------|----------------------|---------|------|---------------------|---------|------|
|                       |         |      |                      |         |      |                     |         |      |
| George Washington*    | 1775    | 1783 | James Wilkinson§     | 1800    | 1812 | Henry W. Halleck†   | 1862    | 1864 |
| Henry Knox†           | 1783    | 1784 | Henry Dearborn¶      | 1812    | 1815 | Cyress S. Grant¶    | 1864    | 1869 |
| Josiah Harmer.....    | 1784    | 1791 | Jacob Brown¶         | 1815    | 1838 | William T. Sherman¶ | 1869    | 1883 |
| Arthur St. Clair..... | 1791    | 1792 | Alexander Macomb¶    | 1838    | 1841 | Philip H. Sheridan¶ | 1883    | 1888 |
| Anthony Wayne†        | 1792    | 1796 | Winfield Scott†      | 1841    | 1861 | John M. Schofield** | 1888    | 1895 |
| James Wilkinson†      | 1796    | 1798 | George B. McClellan¶ | 1861    | 1862 | Nelson A. Miles†    | 1895    | ..   |
| George Washington‡    | 1798    | 1799 |                      |         |      |                     |         |      |

\* Washington was commissioned by the Continental Congress General and Commander-in-Chief of "the Army of the United Colonies." He resigned December 23, 1783. He was commissioned July 3, 1793, Lieutenant-General. An act of Congress of March 3, 1793, created the office of "General of the Armies of the United States," but the office was never filled. Washington died as Lieutenant-General. The first officer with the rank of General under the present government of the United States was Grant. † Rank of Major-General. ‡ Lieutenant-General. § Brigadier-General. Josiah Harmer was a Lieutenant-Colonel and General-in-Chief by brevet. ¶ Rank of General. \*\* Created a Lieutenant-General by act of Congress previous to his retirement.

## CASUALTIES IN THE ARMY DURING THE SPANISH-AMERICAN WAR.

Losses of Santiago Campaign—Killed: Officers, 23; men, 237. Wounded: Officers, 99; men, 1,332.

Losses of Porto Rico Campaign—Killed: Officers, 0; men, 3. Wounded: Officers, 4; men, 36.

Losses of Manila Campaign—Killed: Officers, 0; men, 17. Wounded: Officers, 10; men, 96.

Total losses from all cruises, April 21 to October 1, 1898—Killed: Officers, 33; men, 257. Wounded: Officers, 4; men, 61. Died of disease: Officers, 80; men, 2,485. Total of 107 officers and 2,803 men, or a percentage of 159-1,000, being an aggregate of 2,910 out of a total of 274,717 officers and men, the total of the war.



The Navy.  
FLAG OFFICERS.

ADMIRAL.

ACTIVE LIST.

| Rank.   | Name.        | Duty.        | Where Stationed.  |
|---------|--------------|--------------|-------------------|
| Admiral | George Dewey | Special Duty | Washington, D. C. |

REAR-ADMIRALS.

ACTIVE LIST.

| Rank.        | Name.                | Duty.                                | Where Stationed.        |
|--------------|----------------------|--------------------------------------|-------------------------|
| Rear-Admiral | Frederick V. McNair  | Superintendent Naval Academy         | Annapolis Md.           |
| "            | John A. Howell       | President Naval Examining Board      | Washington, D. C.       |
| "            | Albert Kautz         | Commander-in-Chief Pacific Station   | Flagship Philadelphia.  |
| "            | George C. Remy       | Comdt Navy Yard, Portsmouth          | N. H. Portsmouth, N. H. |
| "            | Norman H. Farquhar   | Comdr-in-Chief N. Atlantic Station   | Flagship New York.      |
| "            | John C. Watson       | Commander-in-Chief Asiatic Station   | Manila, P. I.           |
| "            | Winfield S. Schley   | Comdr-in-Chief S. Atlantic Station   | Flagship Chicago.       |
| "            | Silas Casey          | Comdt. Navy Yard, League Island      | League Island, Pa.      |
| "            | William F. Sampson   | Comdt. Navy Yard, Boston, Mass.      | Boston, Mass.           |
| "            | Bartlett J. Cromwell | President Naval Retiring Board       | Washington, D. C.       |
| "            | John W. Philip       | Commandant Navy Yard, New York       | New York, N. Y.         |
| "            | Francis J. Higginson | Chairman Light-House Board           | Washington, D. C.       |
| "            | Frederick Rodgers    | Presdt. Board of Inspection & Survey | Washington, D. C.       |
| "            | Lou Kempf            | Commandant Navy Yard, Mare Island    | Vallejo, Cal.           |
| "            | George W. Sumner     | Comdt. Naval Station, Port Royal     | Port Royal, S. C.       |
| "            | Benjamin F. Day      | Member Examining & Retiring Boards   | Washington, D. C.       |
| "            | Alex H. McCormick    | Comdt. Navy Yard, Washington         | Washington, D. C.       |
| "            | Albert S. Barker     | Commandant Navy Yard, Norfolk        | Portsmouth, Va.         |

RETIRED LIST.

| Rank.    | Name.              | Residence.            | Rank.    | Name.                   | Residence.          |
|----------|--------------------|-----------------------|----------|-------------------------|---------------------|
| Rear-Ad. | Thos. O. Selfridge | Sr. Washington, D. C. | Rear-Ad. | George Brown            | Indianapolis, Ind.  |
| "        | Roger N. Stenbel   | Washington, D. C.     | "        | John G. Walker          | Washington, D. C.   |
| "        | George B. Balch    | Baltimore, Md.        | "        | Francis M. Ramsay       | Washington, D. C.   |
| "        | Aaron K. Hughes    | Washington, D. C.     | "        | Oscar F. Stanton        | New London, Ct.     |
| "        | Thomas S. Phelps   | Washington, D. C.     | "        | Henry Erben             | New York City       |
| "        | John H. Upshur     | Morristown, N. J.     | "        | L. A. Beardslee         | Little Falls, N. Y. |
| "        | Francis A. Roe     | Washington, D. C.     | "        | Thos. O. Selfridge, Jr. | Washington, D. C.   |
| "        | Samuel B. Franklin | Washington, D. C.     | "        | Jos. N. Miller          | East Orange, N. J.  |
| "        | Stephen B. Luce    | Newport, R. I.        | "        | M. Sicard               | Westerville, N. Y.  |
| "        | James E. Jonett    | Washington, D. C.     | "        | E. O. Matthews          | Rue Scribe, Paris.  |
| "        | Lewis A. Kimberly  | W. Newton, Mass.      | "        | Chas. S. Norton         | Washington, D. C.   |
| "        | Bancroft Gherardi  | New York City.        | "        | Francis M. Bunce        | Holderness, N. H.   |
| "        | George E. Belknap  | Brookline, Mass.      | "        | Henry B. Robeson        | Walpole, N. H.      |
| "        | D. B. Harmony      | Santa Barbara, Cal.   | "        | James Entwistle         | Paterson, N. J.     |
| "        | A. E. K. Benham    | Washington, D. C.     | "        | Joseph Trilley          | San Francisco, Cal. |
| "        | John Irwin         | Amagansett, L. I.     | "        | Henry L. Howison        | New York City.      |
| "        | James A. Greer     | Washington, D. C.     | "        | Nicol Ludlow            | Washington, D. C.   |
| "        | Aaron W. Weaver    | Washington, D. C.     | "        | John Schotler           | Annapolis, Md.      |

COMMODORES.

RETIRED LIST.\*

| Rank.      | Name.           | Residence.          | Rank.      | Name.           | Residence.        |
|------------|-----------------|---------------------|------------|-----------------|-------------------|
| Commodore. | Albert G. Clary | San Miguel, Azores  | Commodore. | James H. Gillis | Washington, D. C. |
| "          | S. Nicholson    | Washington, D. C.   | "          | E. E. Potter    | Belvidere, Ill.   |
| "          | W. K. Mayo      | Washington, D. C.   | "          | R. L. Phythian  | Annapolis, Md.    |
| "          | W. P. McCann    | N. Roceville, N. Y. | "          | Rush R. Wallace | Washington, D. C. |

\*The grade of Commodore on the active list has been abolished.

The following are the dates of future retirements of Rear-Admirals now on the active list for age limit, under the law: F. V. McNair, January 13, 1901; Albert Kautz, January 29, 1901; W. S. Schley, October 9, 1901; W. T. Sampson, February 9, 1902; B. J. Cromwell, February 9, 1902; J. A. Howell, March 16, 1902; N. H. Farquhar, April 11, 1902; J. W. Philip, August 26, 1902; B. F. Day, January 16, 1903; G. C. Remy, August 10, 1903; Silas Casey, September 11, 1903; Louis Kempf, October 11, 1903; G. W. Sumner, December 31, 1903; A. H. McCormick, May 9, 1904; J. C. Watson, August 24, 1904; F. Rodgers, October 3, 1904; A. S. Barker, March 31, 1905; F. J. Higginson, July 19, 1905.

THE NAVY.

The active list of the Navy comprises 1,340 commissioned and 177 warrant officers. The enlisted force numbers 14,603 men.

MARINE CORPS.

The United States Marine Corps consists of a force of 201 officers and 6,000 men. Brigadier-General Charles Heywood is commandant.

NAVAL EXAMINING AND RETIRING BOARDS.

The Naval Examining Board consists of Rear-Admiral John A. Howell, President; Rear-Admiral Benjamin F. Day and Captain Francis A. Cook, members.

The Naval Retiring Board is composed of Rear-Admiral Bartlett J. Cromwell, President; Rear-Admiral Benjamin F. Day, Captain Francis A. Cook, Medical Director Grove S. Beardsley, and Medical Inspector William S. Dixon, members.

NAVAL OBSERVATORY.

Superintendent, Captain Charles H. Davis. Assistants, Lieutenant Benjamin W. Hodges; Professors of Mathematics, Stimson J. Brown (Astronomical Director), A. N. Skinner, T. J. J. See, and Milton Updegraff.

NAUTICAL ALMANAC.

Director—Professor H. D. Todd.

## CAPTAINS OF THE NAVY—ACTIVE LIST—DECEMBER 15, 1899.

| NAME.                      | Present Duty.               | Commission.   | NAME.                     | Present Duty.             | Commission.   |
|----------------------------|-----------------------------|---------------|---------------------------|---------------------------|---------------|
| Charles S. Cotton.....     | Com. Independence.....      | May 28, '92   | Cipriano Andrade.....     | Sr. Mem. Eng. Ex. Bd.,    | Mar. 3, '99   |
| Silas W. Terry.....        | Naval Exam. Board.....      | Jan. 9, '93   | John Lowe.....            | Pope Tube Co., Hartford   | Mar. 3, '99   |
| Merrill Miller.....        | Com. Vermont.....           | Feb. 25, '93  | Francis W. Dickinson..... | Com. Indiana.....         | July 3, '98   |
| John J. Read.....          | Com. Richmond.....          | April 27, '93 | Lewis W. Robinson.....    | Inspe. duty, Milwaukee    | Mar. 3, '99   |
| Mortimer L. Johnson.....   | Capt. Boston Navy Yard      | May 9, '93    | George F. F. Wilde.....   | Com. Oregon.....          | Aug. 10, '98  |
| Edwin M. Shepard.....      | Ins. 3d L. H. District..... | May 15, '93   | Charles H. Davis.....     | Supt. Nav. Obs., Wash'n   | Aug. 10, '98  |
| Robley D. Evans.....       | Mem. Bd. Ins. & Survey      | June 27, '93  | Bowman H. McCalla.....    | Com. Newark.....          | Mar. 8, '99   |
| Frank Wildes.....          | Capt. New York N. Y.        | July 31, '94  | Charles J. Train.....     | Com. Massachusetts.....   | Nov. 22, '98  |
| Henry Glass.....           | Com. T. S., Yerba Buena     | Jan. 23, '94  | Edwin White.....          | Waiting orders.....       | Dec. 25, '98  |
| Philip H. Cooper.....      | Leave of absence.....       | April 11, '94 | William H. Harris.....    | Navy Yard, Portsmouth.    | Mar. 3, '99   |
| Henry C. Taylor.....       | Wt. Orange, Newport.....    | April 10, '94 | Ralph Aston.....          | Ins. Machin. Bkn. N. Y.   | Mar. 3, '99   |
| George H. Wadleigh.....    | Com. Wabash.....            | July 10, '94  | George W. Higman.....     | Com. Monterey.....        | Mar. 3, '99   |
| A. S. Crowninshield.....   | Chief Bureau Nav. Yards     | July 21, '94  | John McGowan.....         | Com. Montross.....        | Mar. 3, '99   |
| James H. Sands.....        | Gov. Naval Home.....        | Sept. 7, '94  | James G. Green.....       | Com. Nav. Sta., Havana    | Mar. 3, '99   |
| Yates Stirling.....        | Member L. H. Board.....     | Sept. 16, '94 | Charles H. Rockwell.....  | Com. Chicago.....         | Mar. 3, '99   |
| William C. Wise.....       | Com. Franklin.....          | Nov. 11, '94  | James M. Forsyth.....     | Com. Baltimore.....       | Mar. 3, '99   |
| Joseph B. Coghlan.....     | Com. Puget Sound N. S.      | Nov. 18, '96  | George A. Converse.....   | Bureau of Navigation..... | Mar. 3, '99   |
| Purnell F. Harrington..... | Capt. Portsmouth N. Y.      | Mar. 1, '95   | Royal B. Bradford.....    | Chief Bureau Equipment    | Mar. 3, '99   |
| Louis J. Allen.....        | N. Y., Mare Island, Cal.    | Mar. 3, '99   | Joseph E. Craig.....      | Hydrographer, Nav. Dpt    | Mar. 3, '99   |
| George W. Melville.....    | Chief Bureau of Ste. En.    | Mar. 3, '99   | Charles M. Thomas.....    | Navy Department.....      | Mar. 3, '99   |
| Nehemiah M. Dyer.....      | Waiting orders.....         | July 13, '97  | Albert S. Snow.....       | Com. New York.....        | Mar. 3, '99   |
| Francis A. Cook.....       | Mem. Retiring Board.....    | Feb. 28, '96  | George C. Reiter.....     | Com. Philadelphia.....    | Mar. 3, '99   |
| Colby M. Chester.....      | Inspector of Kentucky.....  | June 12, '96  | Willard H. Brownson.....  | Duty with Alabama.....    | Mar. 3, '99   |
| Charles E. Clark.....      | Capt. League Island N. Y.   | June 21, '96  | William W. Mead.....      | Capt. Mare Island N. Y.   | Mar. 3, '99   |
| Charles J. Barry.....      | Waiting orders.....         | Oct. 1, '96   | Edwin S. Houston.....     | Com. Annapolis.....       | Mar. 3, '99   |
| Peter A. Rearick.....      | Duty with Kearsarge.....    | Mar. 3, '99   | Erwin Longpecker.....     | Com. New Orleans.....     | Mar. 3, '99   |
| Charles D. Sigbee.....     | Com. Texas.....             | Mar. 21, '97  | George E. Ide.....        | Com. Yosemite.....        | Mar. 25, '99  |
| Benj. P. Lambertson.....   | Waiting orders.....         | May 11, '98   | George M. Book.....       | Waiting orders.....       | Mar. 29, '99  |
| Richard P. Leary.....      | Nav. Gov. Isl. of Guam.     | April 6, '97  | Thomas Perry.....         | Secy. Light-House Bd.     | June 11, '99  |
| William H. Whiting.....    | Waiting orders.....         | June 19, '97  | Charles H. Stockton.....  | Pres. Naval War College   | July 8, '99   |
| Charles O'Neill.....       | Chief Bureau Ordnance.      | July 21, '97  | Ass Walker.....           | Naval War College.....    | Sept. 9, '99  |
| Caspar F. Goodrich.....    | Com. Iowa.....              | Sept. 16, '97 | Oscar W. Farenholt.....   | Navy Yard, Boston.....    | Sept. 25, '99 |
| French E. Chadwick.....    | Waiting orders.....         | Nov. 7, '97   | Edward T. Strong.....     | Navy Yard, Washington     | Oct. 10, '99  |
| Theodor J. Jewell.....     | Com. Brooklyn.....          | Feb. 1, '98   | Robert E. Impey.....      | Com. Na. Sta., Key West   | Nov. 2, '99   |
| William M. Folger.....     | Gen. Insp. Kearsarge.....   | Feb. 6, '98   | Eugene W. Watson.....     | Capt. Navy Yard, Norfolk  | Nov. 22, '99  |

## COMMANDERS OF THE NAVY—ACTIVE LIST—DECEMBER 15, 1899.

|                           |                             |               |                            |                            |               |
|---------------------------|-----------------------------|---------------|----------------------------|----------------------------|---------------|
| John F. Merry.....        | Com. Nav. Sta., Honolulu    | May 9, '93    | Alexander B. Bates.....    | Navy Yard, League Isl'd    | Mar. 3, '99   |
| William C. Gibson.....    | Navy Yard, New York.        | July 4, '93   | Edward D. Taussig.....     | In Charge 13th L. H. D.    | Aug. 10, '98  |
| Washburn Maynard.....     | Ins. 3d L. H. District..... | Sept. 27, '93 | John E. Pillsbury.....     | Navy Yard, Boston.....     | Aug. 10, '98  |
| Henry W. Lyon.....        | Navy Yard, New York.        | Oct. 1, '93   | William H. Reeder.....     | Com. St. Mary's.....       | Mar. 3, '99   |
| James H. Dayton.....      | Com. Nav. Sta., San Juan    | Jan. 23, '94  | Robert W. Milligan.....    | Navy Yard, Norfolk, Va.    | Mar. 3, '99   |
| Morris R. S. Mackenzie    | Com. Prairie.....           | April 16, '94 | George W. Baird.....       | Supt. Sta., W. & N. B'ldg  | Mar. 3, '99   |
| Charles S. Sperry.....    | Com. Yorktown.....          | June 22, '94  | Richard Inch.....          | Naval Sta., Cavite, P. I.  | Mar. 3, '99   |
| Frank Courtis.....        | Com. Essex.....             | July 10, '94  | Harrie Webster.....        | Bur. of Steam Engineer's   | Mar. 3, '99   |
| William W. Reisinger..... | Com. Pensacola N. Y.....    | July 21, '94  | Daniel Delehanty.....      | Gov. Sailors' Snug Har.    | Nov. 22, '98  |
| William T. Burwell.....   | Com. Wheeling.....          | Sept. 7, '94  | Charles C. Cornwell.....   | Com. Naval Sta., Cavite.   | Dec. 25, '98  |
| John J. Hunker.....       | Com. Tr. Sta., Newport.     | Sept. 16, '94 | Holland N. Stevenson.....  | Ins. Machin., San Fran.    | Mar. 3, '99   |
| Franklin Hanford.....     | Ins. 10th L. H. District.   | Sept. 30, '94 | Charles W. Rae.....        | Naval Sta., Yerba Buena    | Mar. 3, '99   |
| Robert M. Berry.....      | Naval Home, Philad'l'a.     | Feb. 2, '95   | George H. Kearny.....      | Naval Acad., Annapolis.    | Mar. 3, '99   |
| Samuel W. Verry.....      | Com. Castine.....           | Mar. 1, '95   | William S. Moore.....      | Ins. Machin., Philad'l'a.  | Mar. 3, '99   |
| Henty N. Manney.....      | Navy Yard, New York.        | May 10, '95   | Royal R. Ingersoll.....    | Naval Acad., Annapolis.    | Mar. 3, '99   |
| Chapman C. Fodd.....      | Navy Yard, Washington       | May 21, '95   | John W. Adams.....         | Ins. 11th L. H. District.  | Mar. 3, '99   |
| Joseph H. Hamphill.....   | Com. Detroit.....           | June 15, '95  | Duncan Kennedy.....        | Com. Resolute.....         | Mar. 3, '99   |
| Abraham B. H. Lillie..... | Navy Yard, New York.        | Sept. 1, '95  | James D. J. Kelley.....    | Com. Albatross.....        | Mar. 3, '99   |
| William T. Swinburne..... | Navy Yard, Portsmouth.      | Dec. 28, '95  | Jefferson F. Moser.....    | Com. Nashville.....        | Mar. 3, '99   |
| William H. Emory.....     | Mem. Bd. Ins. & Survey      | Dec. 29, '95  | Raymond P. Rodgers.....    | Navy Yard, Washington      | Mar. 3, '99   |
| George A. Bicknell.....   | Com. Monocacy.....          | Jan. 5, '96   | Seaton Schroeder.....      | Navy Yard, Mare Island     | Mar. 3, '99   |
| Charles T. Hutchins.....  | Naval Acad., Annapolis.     | Feb. 28, '96  | Franklin J. Drake.....     | Com. Don Juan de Austria   | Mar. 3, '99   |
| Seth M. Ackley.....       | Com. Concord.....           | May 4, '96    | Thomas C. McLean.....      | Com. Saratoga.....         | Mar. 3, '99   |
| Benjamin F. Tiley.....    | Com. Abarenda.....          | Sept. 4, '96  | William J. Barnette.....   | Navy Yard, Boston.....     | Mar. 3, '99   |
| Harry Knox.....           | Com. Princeton.....         | Oct. 1, '96   | Francis H. Delano.....     | Ins. 14th L. H. District.  | Mar. 3, '99   |
| Clifford H. West.....     | Navy Yard, New York.        | Oct. 11, '96  | Charles T. Forse.....      | Com. Helena.....           | Mar. 3, '99   |
| John P. Merrill.....      | Com. Montgomery.....        | Nov. 1, '96   | Edwin K. Moore.....        | Com. M'ongahela.....       | Mar. 3, '99   |
| Joseph G. Eaton.....      | Com. Chesapeake.....        | Nov. 10, '96  | Albon V. Wadwams.....      | Hydrographic Office.....   | Mar. 3, '99   |
| William L. Moore.....     | Navy Sta., Port Royal.      | Nov. 18, '96  | James D. Adams.....        | Naval Acad., Annapolis.    | Mar. 3, '99   |
| Charles Belknap.....      | Com. Dixie.....             | Dec. 6, '96   | Richard Wainwright.....    | Ins. 8th L. H. District.   | Mar. 3, '99   |
| Fernando P. Gilmore.....  | Com. Isla de Cuba.....      | Jan. 1, '97   | James R. Selfridge.....    | Com. Iris.....             | Mar. 3, '99   |
| Eugene H. C. Leutze.....  | Navy Yard, New York.        | Jan. 5, '97   | William H. Everett.....    | Com. Hartford.....         | Mar. 3, '99   |
| Uriel Sebree.....         | Ins. 12th L. H. District.   | Feb. 24, '97  | John M. Hawley.....        | In Charge 6th L. H. D.     | Mar. 3, '99   |
| William A. Windsor.....   | Ins. Machin., Eliz'th'p't   | Mar. 3, '99   | John A. Rodgers.....       | Com. Culgoa.....           | Mar. 3, '99   |
| Albert R. Couden.....     | Indian Head, Md.....        | Mar. 14, '97  | James W. Carlin.....       | Enlistment Duty.....       | Mar. 3, '99   |
| Edwin C. Pendleton.....   | Navy Yard, Washington       | Mar. 21, '97  | Gottfried Blocklinger..... | Naval Acad., Annapolis.    | Mar. 3, '99   |
| William Swift.....        | Navy Yard, New York.        | April 6, '97  | Perry Garst.....           | Ins. 1st L. H. District.   | Mar. 3, '99   |
| Henry B. Mansfield.....   | Com. Lancaster.....         | May 16, '97   | James K. Cogswell.....     | In Charge 7th L. H. D.     | Mar. 3, '99   |
| Charles R. Roelker.....   | Mem. Bd. Ins. & Survey.     | Mar. 3, '98   | Frederic Singer.....       | Navy Yard, New York.       | Mar. 3, '99   |
| Frederick M. Symonds..... | Ins. 9th L. H. District.    | June 19, '97  | Arthur B. Speyers.....     | Navy Yard, Norfolk Isl'd   | Mar. 3, '99   |
| William Goodwin.....      | Com. Adams.....             | July 21, '97  | Ebenezer S. Prims.....     | Navy Yard, Norfolk.....    | Mar. 3, '99   |
| John D. Ford.....         | Ins. Machin., Baltimore.    | Mar. 3, '99   | Nathan E. Niles.....       | Navy Yard, Norfolk.....    | Mar. 3, '99   |
| Albert Ross.....          | Com. Alliance.....          | Aug. 28, '97  | Thomas H. Stevens.....     | Navy Yard, League Isl'd    | June 11, '99  |
| Richardson Clover.....    | Chief Intelligence Office.  | Sept. 16, '97 | Julien S. Ogden.....       | Ins. Machin., Morris Isl'd | July 8, '99   |
| James M. Miller.....      | Com. Scan. Ia.....          | Sept. 26, '97 | George Cowie.....          | Com. Michigan.....         | July 13, '99  |
| Frederick M. Wise.....    | Com. Enterprise.....        | Nov. 7, '97   | Charles P. Perkins.....    | Navy Yard, Mare Island     | July 13, '99  |
| John V. B. Bleecker.....  | Com. Isla de Luzon.....     | Dec. 5, '97   | Charles G. Bowman.....     | Navy Yard, League Isl'd    | Sept. 9, '99  |
| Andrew Dunlap.....        | Com. Solace.....            | Feb. 1, '98   | William P. Potter.....     | Naval Attache, Berlin.     | Sept. 22, '99 |
| John A. B. Smith.....     | Navy Yard, New York.        | Mar. 3, '99   | William H. Beeher.....     | Navy Yard, New York.       | Sept. 25, '99 |
| Edward H. Green.....      | Com. Marietta.....          | Mar. 28, '98  | Giles B. Harber.....       | Com. Glacier.....          | Oct. 10, '99  |
| Wells L. Field.....       | Com. Ranger.....            | April 27, '98 | John B. Briggs.....        | Torpedo Sta., Newport.     | Nov. 4, '99   |
| Harrison G. O. Colby..... | Com. Marblehead.....        | April 27, '98 | Newton E. Mason.....       | Com. Manilla.....          | Nov. 22, '99  |
| Leavitt C. Logan.....     | Com. Machin.....            | May 1, '98    | Arthur P. Nazro.....       | Navy Yard, Norfolk.....    | Dec. 8, '99   |
| Conway H. Arnold.....     | Com. Bennington.....        | May 11, '98   | William W. Kimball.....    | Com. Vixen.....            | Dec. 8, '99   |
| William S. Cowles.....    | Asst. to Bureau of Nav.     | June 5, '98   | William P. Day.....        | Under Suspension.....      | July 8, '99   |
| Charles O. Allibone.....  | Com. Wilmington.....        | July 8, '98   | Daniel W. Mullan.....      |                            |               |

THE NAVY—Continued.

VESSELS OF THE UNITED STATES NAVY.

| NAME.                 | Class. | Keel Laid. | Displacement, Tons. | Speed, Knots. | Horse-Power. | Cost.                      | BATTERIES.  |   |
|-----------------------|--------|------------|---------------------|---------------|--------------|----------------------------|---|---|
|                       |        |            |                     |               |              |                            | Main.   | Secondary.  |
| ARMORED VESSELS.      |        |            |                     |               |              |                            |   |   |
| FRAGING BATTLE-SHIPS. |        |            |                     |               |              |                            |   |   |
| Alabama*              | BS     | 1896       | 11,565              | 16            | 10,000       | \$2,650,000                | 4 13-in. B L R, 14 6-in. R F guns.                | 16 6-pdr. R F, 6 1-pdr. R F, 4 Colts, 2 3-in. R F field.  |
| Georgia*              | BS     |            |                     |               |              | (Plan not yet determined.) |   |   |
| Illinois*             | BS     | 1897       | 11,565              | 16            | 10,000       | 2,585,000                  | 4 13-in. B L R, 14 6-in. R F guns.                | 16 6-pdr. R F, 6 1-pdr. R F, 4 Colts, 2 3-in. R F field.  |
| Indiana               | BS     | 1891       | 10,810              | 15.547        | 9,738        | 3,063,000                  | 4 13-in. B L R, 8 8-in. B L R, 4 6-in. R F guns.  | 20 6-pdr. R F, 7 1-pdr. R F, 2 3-in. R F field.   |
| Iowa                  | BS     | 1893       | 11,340              | 17.087        | 12,105       | 3,010,000                  | 4 12-in. B L R, 8 8-in. B L R, 6 4-in. R F guns.  | 20 6-pdr. R F, 4 1-pdr. R F, 4 Colts, 2 3-in. R F field.  |
| Kearsarge*            | BS     | 1896       | 11,525              | 16.816        | 11,674       | 2,250,000                  | 4 13-in. B L R, 4 8-in. B L R, 14 5-in. R F guns. | 20 6-pdr. R F, 6 1-pdr. R F, 4 Colts, 2 3-in. R F field.  |
| Kentucky*             | BS     | 1896       | 11,525              | 16            | 10,000       | 2,250,000                  | 4 13-in. B L R, 4 8-in. B L R, 14 5-in. R F guns. | 20 6-pdr. R F, 6 1-pdr. R F, 4 Colts, 2 3-in. R F field.  |
| Maine*                | BS     | 1899       | 12,300              | 18            | 16,000       | 2,885,000                  | 4 12-in. B L R, 16 6-in. R F guns.                | 16 6-pdr. Maxim-Nordenfelt, 4 1-pdr. automatic, 2 1-pdr. R F guns, 2 3-in. R F field, 2 Colt automatic. |
| Massachusetts         | BS     | 1891       | 10,810              | 16.21         | 10,403       | 3,063,060                  | 4 13-in. B L R, 8 8-in. B L R, 4 6-in. R F guns.  | 20 6-pdr. R F, 8 1-pdr. R F, 2 Colts, 2 3-in. R F field.  |
| Missouri*             | BS     | 1899       | 12,230              | 18            | 16,006       | 2,885,000                  | 4 12-in. B L R, 16 6-in. R F guns.                | 16 6-pdr. Maxim-Nordenfelt, 4 1-pdr. automatic, 2 1-pdr. R F guns, 2 3-in. R F field, 2 Colt automatic. |
| New Jersey*           | BS     |            |                     |               |              | (Plan not yet determined.) |   |   |
| Ohio*                 | BS     | 1899       | 12,440              | 18            | 16,000       | 2,899,000                  | 4 12-in. B L R, 16 6-in. R F guns.                | 16 6-pdr. Maxim-Nordenfelt, 4 1-pdr. automatic, 2 1-pdr. R F guns, 2 3-in. R F field, 2 Colt automatic. |
| Oregon                | BS     | 1891       | 11,000              | 16.79         | 11,111       | 3,222,810                  | 4 13-in. B L R, 8 8-in. B L R, 4 6-in. R F guns.  | 20 6-pdr. R F, 2 1-pdr. R F, 2 Colts, 1 3-in. R F field.  |
| Pennsylvania*         | BS     |            |                     |               |              | (Plan not yet determined.) |   |   |
| Texas                 | BS     | 1889       | 6,513               | 18            | 8,610        | 2,500,000                  | 2 1-in. B L R, 6 6-in. B L R.                     | 12 6-pdr. R F, 6 1-pdr. R F, 4 37-mm. H R C, 2 Colts, 1 field.  |
| Wisconsin*            | BS     | 1899       | 11,565              | 16            | 10,000       | 2,674,950                  | 4 13-in. B L R, 14 6-in. R F guns.                | 16 6-pdr. R F, 6 1-pdr. R F, 4 Colts, 2 3-in. R F field.  |
| ARMORED CRUISERS.     |        |            |                     |               |              |                            |   |   |
| Brooklyn              | AC     | 1893       | 9,215               | 22            | 18,769       | 2,986,000                  | 5 8-in. B L R, 12 5-in. R F guns.                 | 12 6-pdr. R F, 4 1-pdr. R F, 4 Colts, 2 3-in. R F field.  |
| California*           | AC     |            |                     |               |              | (Plan not yet determined.) |   |   |
| Nebraska*             | AC     |            |                     |               |              | (Plan not yet determined.) |   |   |
| New York              | AC     | 1890       | 8,200               | 21            | 17,401       | 2,995,000                  | 6 8-in. B L R, 12 4-in. R F guns.                 | 3 6-pdr. R F, 2 1-pdr. R F, 2 Colts, 2 3-in. R F field.   |
| West Virginia*        | AC     |            |                     |               |              | (Plan not yet determined.) |   |   |
| RAM.                  |        |            |                     |               |              |                            |   |   |
| Katahdin              | R      | 1891       | 2,155               | 17            | 5,068        | 930,000                    | 4 6-pdr. R F.                                     | .....   |
| DET. TURRET MONITORS. |        |            |                     |               |              |                            |   |   |
| Amphitrite            | CD     | 1874       | 3,990               | 10.5          | 1,600        | †                          | 4 10-in. B L R, 2 4-in. R F guns.                 | 2 6-pdr. R F, 2 3-pdr. R F, 2 37-mm. H R C, 5 1-pdr. R F G, 1 3-in. R F field, 1 Colt.                  |
| Miantonomoh           | CD     | 1874       | 3,990               | 10.5          | 1,426        | †                          | 4 10-in. B L R.                                   | 2 6-pdr. R F G, 2 3-pdr. R F G, 6 1-pdr. R F G, 4 Gatling.  |
| Monadnock             | CD     | 1875       | 4,005               | 12            | 3,000        | †                          | 4 10-in. B L R, 2 4-in. R F guns.                 | 2 6-pdr. R F, 2 3-pdr. R F, 2 37-mm. H R C, 2 1-pdr. R F G.   |
| Monterey              | CD     | 1889       | 4,084               | 13.6          | 5,244        | 1,628,905                  | 2 12-in. B L R, 2 10-in. B L R.                   | 6 6-pdr. R F, 4 1-pdr. R F, 2 Gatlings, 1 field.  |
| Puritan               | CD     | 1875       | 6,060               | 12.4          | 3,700        | †                          | 4 12-in. B L R, 6 4-in. R F guns.                 | 6 6-pdr. R F, 2 37-mm. H R C, 2 1-pdr. R F.   |
| Terror                | CD     | 1874       | 3,990               | 10.5          | 1,600        | †                          | 4 10-in. B L R.                                   | 2 6-pdr. R F, 2 3-pdr. R F, 2 37-mm. H R C, 2 1-pdr. R F.   |
| SGL. TURRET MONITORS. |        |            |                     |               |              |                            |   |   |
| Canonius              | CD     | 1866       | 2,100               | 6             | 340          | 622,963                    | 2 15-in. S B.                                     | 2 12-pdr. H.  |
| Catskill              | CD     | 1869       | 1,875               | 6             | 340          | 427,768                    | 2 15-in. S B.                                     | None.   |
| Jason                 | CD     | 1869       | 1,875               | 5 to 6        | 340          | 422,766                    | 2 15-in. S B.                                     | 2 12-pdr. H.  |
| Lehigh                | CD     | 1869       | 1,875               | 5 to 6        | 340          | 422,728                    | 2 15-in. S B.                                     | 2 12-pdr. H.  |
| Mahopac               | CD     | 1862       | 2,100               | 6             | 340          | 635,374                    | 2 15-in. S B.                                     | 2 12-pdr. H.  |
| Manhattan             | CD     | 1862       | 2,100               | 6             | 340          | 628,879                    | 2 15-in. S B.                                     | 2 12-pdr. H.  |
| Montauk               | CD     | 1862       | 1,875               | 5 to 6        | 340          | 423,027                    | 2 15-in. S B.                                     | 2 12-pdr. H.  |
| Nahant                | CD     | 1862       | 1,875               | 5 to 6        | 340          | 413,515                    | 2 15-in. S B.                                     | 2 12-pdr. H.  |
| Nantucket             | CD     | 1862       | 1,875               | 5 to 6        | 340          | 408,091                    | 2 15-in. S B.                                     | 2 12-pdr. H.  |
| Arbansas*             | CD     | 1899       | 3,235               | 11½           | 2,400        | 960,000                    | 2 12-in. B L R, 4 4-in. R F.                      | 3 6-pdr. R F, 5 1-pdr. R F, 2 Colts.  |
| Connecticut*          | CD     | 1899       | 3,235               | 11½           | 2,400        | 962,000                    | 2 12-in. B L R, 4 4-in. R F.                      | 3 6-pdr. R F, 5 1-pdr. R F, 2 Colts.  |
| Florida*              | CD     | 1899       | 3,235               | 11½           | 2,400        | 925,000                    | 2 12-in. B L R, 4 4-in. R F.                      | 3 6-pdr. R F, 5 1-pdr. R F, 2 Colts.  |
| Wyoming*              | CD     | 1899       | 3,235               | 11½           | 2,400        | 975,000                    | 2 12-in. B L R, 4 4-in. R F.                      | 3 6-pdr. R F, 5 1-pdr. R F, 2 Colts.  |

## THE NAVY—Continued.

## VESSELS OF THE UNITED STATES NAVY.—Continued.

| NAME.                                   | Class. | Keel laid. | Displacement, Tons. | Speed, Knots. | Horse-Power. | Cost.     | BATTERIES.   |   |
|---|--------|------------|---------------------|---------------|--------------|-----------|--|---|
|   |        |            |                     |               |              |           | Main.  | Secondary.  |
| UNARMORED STEEL VESSELS.                |        |            |                     |               |              |           |  |   |
| Albany.....                             | P C    | ...        | 3,457               | 20            | 7,50         | ....      | 6 6-in. R F guns, 4 4.7-in. R F guns.  | 10 6-pdr. R F, 8 1-pdr. R F, 2 Colts.   |
| Alanda.....                             | P C    | 1883       | 3,000               | 15.00         | 4,600        | \$317,000 | 6 6-in. R F guns, 2 8-in. B L R.   | 6 6-pdr. R F, 4 1-pdr. R F, 2 Colts, 1 3-in. R F field.                               |
| Baltimore.....                          | P C    | 1887       | 4,540               | 20.03         | 10,064       | 1,325,000 | 4 8-in. B L R, 6 6-in. B L R.  | 4 6-pdr. R F, 2 3-pdr. R F, 2 1-pdr. R F, 4 37-mm. H R C, 2 Colts, 1 3-in. R F field. |
| Boston.....                             | P C    | 1886       | 3,055               | 15.60         | 4,300        | 619,000   | 6 6-in. B L R, 2 8-in. B L R.  | 2 6-pdr. R F, 2 3-pdr. R F, 2 1-pdr. R F, 2 47-mm. H R C, 2 37-mm. H R C, 1 Gatling.  |
| Chattanooga <sup>3</sup> .....          | P C    | ....       | 3,200               | 16            | 4,700        | 1,420,000 | 10 5-in. R F guns.   | 8 6-pdr. R F, 2 1-pdr. R F, 2 Colt automatic.   |
| Chicago.....                            | P C    | 1883       | 5,000               | 18            | 9,000        | 839,000   | 1 8-in. B L R, 14 5-in. R F guns.  | 7 6-pdr. R F, 2 1-pdr. R F, 2 Colts, 1 3-in. R F field.                               |
| Cincinnati.....                         | P C    | 1890       | 3,213               | 19            | 10,000       | 1,100,000 | 11 5-in. R F guns.   | 8 6-pdr. R F, 2 1-pdr. R F, 2 Colts, 1 3-in. R F field.                               |
| Cleveland <sup>4</sup> .....            | P C    | ....       | 3,200               | 16            | 4,700        | 1,420,000 | 10 5-in. R F guns.   | 8 6-pdr. R F, 2 1-pdr. R F, 2 Colt automatic.   |
| Columbia.....                           | P C    | 1890       | 7,375               | 22.8          | 18,505       | 2,725,000 | 1 8-in. B L R, 2 6-in. B L R, 8 4-in. R F guns.                                    | 12 6-pdr. R F, 2 1-pdr. R F, 2 Colts, 1 3-in. R F field.                              |
| Denver <sup>5</sup> .....               | P C    | ....       | 3,200               | 16            | 4,700        | 1,420,000 | 10 5-in. R F guns.   | 8 6-pdr. R F, 2 1-pdr. R F, 2 Colt automatic.   |
| Des Moines <sup>6</sup> .....           | P C    | ....       | 3,200               | 16            | 4,700        | 1,420,000 | 10 5-in. R F guns.   | 8 6-pdr. R F, 2 1-pdr. R F, 2 Colt automatic.   |
| Detroit.....                            | C      | 1890       | 2,089               | 19            | 5,227        | 612,500   | 10 5-in. R F guns.   | 6 6-pdr. R F, 2 1-pdr. R F, 2 Colts, 1 3-in. R F field.                               |
| Galveston <sup>7</sup> .....            | P C    | ....       | 3,200               | 16            | 4,700        | 1,420,000 | 10 5-in. R F guns.   | 8 6-pdr. R F, 2 1-pdr. R F, 2 Colt automatic.   |
| Marblehead.....                         | C      | 1890       | 2,087               | 18            | 5,451        | 674,000   | 10 5-in. R F guns.   | 6 6-pdr. R F, 2 1-pdr. R F, 2 Colts.  |
| Minneapolis.....                        | P C    | 1891       | 7,375               | 23.073        | 20,862       | 2,690,000 | 1 8-in. B L R, 2 6-in. B L R, 8 4-in. R F guns.                                    | 12 6-pdr. R F, 2 1-pdr. R F, 2 Colts, 1 3-in. R F field.                              |
| Montgomery.....                         | C      | 1890       | 2,089               | 19            | 5,550        | 612,500   | 10 5-in. R F guns.   | 6 6-pdr. R F, 2 1-pdr. R F, 2 Colts.  |
| Newark.....                             | P C    | 1888       | 4,008               | 19            | 8,869        | 1,248,000 | 12 6-in. R F guns.   | 8 6-pdr. R F, 2 Colts, 2 37-mm. R C.  |
| New Orleans.....                        | P C    | ....       | 3,457               | 20            | 7,500        | ....      | 6 6-in. R F guns, 4 4.7-in. R F guns.  | 10 6-pdr. R F, 8 1-pdr. R F, 2 Colts.   |
| Olympia.....                            | P C    | 1891       | 5,870               | 21.686        | 17,311       | 1,796,000 | 10 5-in. R F guns, 4 8-in. B L R, mounted in barbette turrets, armor 8½ and 4½ in. | 14 6-pdr. R F, 7 1-pdr. R F, 1 Gatling.   |
| Philadelphia.....                       | P C    | 1888       | 4,410               | 19.678        | 8,815        | 1,350,000 | 12 6-in. R F guns.   | 4 6-pdr. R F, 4 3-pdr. R F, 2 1-pdr. R F, 2 Colts, 2 37-mm. R C, 1 3-in. R F field.   |
| Raleigh.....                            | P C    | 1889       | 3,215               | 19            | 10,000       | 1,100,000 | 10 5-in. R F guns, 1 6-in. B L R.  | 8 6-pdr. R F, 4 1-pdr. R F, 1 Colt, 1 3-in. R F field.                                |
| Reina Mercedes <sup>8</sup> .....       | C      | ....       | 3,090               | 17            | 3,700        | ....      | ....   | ....  |
| San Francisco.....                      | P C    | 1888       | 4,098               | 19.525        | 9,911        | 1,488,000 | 12 6-in. B L R.  | 12 6-pdr. R F, 2 1-pdr. R F, 2 Colts.   |
| Tacoma <sup>9</sup> .....               | P C    | ....       | 3,200               | 16            | 4,700        | 1,420,000 | 10 5-in. R F guns.   | 8 6-pdr. R F, 2 1-pdr. R F, 2 Colt automatic.   |
| GUNBOATS.                               |        |            |                     |               |              |           |  |   |
| Bancroft.....                           | G B    | 1891       | 839                 | 14            | 1,213        | 250,000   | 4 4-in. R F guns.  | 8 3-pdr. R F, 1 1-pdr. R F, 1 Colt.   |
| Bennington.....                         | G B    | 1888       | 1,710               | 17            | 3,436        | 490,000   | 6 6-in. B L R.   | 2 6-pdr. R F, 2 3-pdr. R F, 2 37-mm. H R C, 2 Gatlings.                               |
| Castine.....                            | G B    | 1891       | 1,777               | 16            | 2,199        | 318,500   | 8 4-in. R F guns.  | 4 6-pdr. R F, 2 1-pdr. R F, 1 Colt.   |
| Concord.....                            | G B    | 1888       | 1,710               | 16            | 3,405        | 490,000   | 6 6-in. B L R.   | 2 6-pdr. R F, 2 3-pdr. R F, 2 37-mm. H R C, 2 Gatlings.                               |
| Don Juan de Austria <sup>10</sup> ..... | G B    | ....       | 1,130               | 14            | 1,800        | 180,000   | ....   | ....  |
| Helena.....                             | G B    | 1894       | 1,397               | 15            | 1,988        | 280,000   | 8 4-in. R F guns.  | 4 6-pdr. R F, 4 1-pdr. R F, 2 Colts, 1 3-in. field.                                   |
| Isla de Cuba <sup>11</sup> .....        | G B    | ....       | 1,030               | 14            | 1,000        | 215,000   | 8 4.7-in. R F guns.  | 4 6-pdr. R F, 3 Nordenfelts.  |
| Isla de Luzon <sup>12</sup> .....       | G B    | ....       | 1,030               | 14            | 1,000        | 215,000   | 8 4.7-in. R F guns.  | 4 6-pdr. R F, 4 Nordenfelts.  |
| Michias.....                            | G B    | 1891       | 1,777               | 15            | 2,043        | 318,500   | 8 4-in. R F guns.  | 4 6-pdr. R F, 2 1-pdr. R F, 1 Colt.   |
| Nashville.....                          | G B    | 1894       | 1,371               | 16            | 2,530        | 280,000   | 8 4-in. R F guns.  | 4 6-pdr. R F, 2 1-pdr. R F, 2 Colts, 1 3-in. R F field.                               |
| No. 16 <sup>13</sup> .....              | G B    | ....       | ....                | ....          | ....         | ....      | ....   | ....  |
| Petrel.....                             | G B    | 1887       | 892                 | 11            | 1,095        | 247,000   | 4 6-in. B L R.   | 2 3-pdr. R F, 1 1-pdr. R F, 2 37-mm. H R C, 2 Gatlings.                               |
| Topeka.....                             | G B    | ....       | 1,814               | 16            | 2,000        | 170,527   | 6 4-in. R F guns.  | 6 3-pdr. R F, 2 1-pdr. R F, 1 Colt.   |
| Wilmington.....                         | G B    | 1894       | 1,397               | 15            | 1,894        | 280,000   | 8 4-in. R F guns.  | 4 6-pdr. R F, 4 1-pdr. R F, 4 Colts.  |
| Yorktown.....                           | G B    | 1887       | 1,710               | 16            | 3,392        | 455,000   | 6 6-in. R F guns.  | 2 6-pdr. R F, 2 3-pdr. R F, 4 1-pdr. R F, 2 Colts.                                    |
| Annapolis.....                          | C G B  | 1897       | 1,060               | 13            | 1,227        | 227,700   | 6 4-in. R F guns.  | 4 6-pdr. R F, 2 1-pdr. R F, 1 Colt.   |
| Marietta.....                           | C G B  | 1897       | 1,000               | 13            | 1,054        | 223,000   | 6 4-in. R F guns.  | 4 6-pdr. R F, 2 1-pdr. R F, 1 Colt, 1 3-in. R F field.                                |

THE NAVY—Continued.

VESSELS OF THE UNITED STATES NAVY.—Continued.

| NAME.                        | Class. | Keel Laid. | Displacement, Tons. | Speed, Knots. | Horse-Power. | Cost.    | BATTERIES.                         |  |
|------------------------------|--------|------------|---------------------|---------------|--------------|----------|------------------------------------|--|
|                              |        |            |                     |               |              |          | Main.                              | Secondary.   |
| Newport.....                 | C G B  | 1887       | 1,000               | 12            | 1,008        | \$29,400 | 6 4-in. R F guns.                  | 4 6-pdr. R F, 2 1-pdr. R F, 1 Colt.                    |
| Princeton.....               | C G B  | 1898       | 1,150               | 12            | 800          | 230,000  | 6 4-in. R F guns.                  | 4 6-pdr. R F, 2 1-pdr. R F, 1 Colt.                    |
| Vicksburg.....               | C G B  | 1897       | 1,000               | 13            | 1,118        | 229,300  | 6 4-in. R F guns.                  | 4 6-pdr. R F, 2 1-pdr. R F, 1 Colt.                    |
| Wheeling.....                | C G B  | 1897       | 1,000               | 12            | 1,018        | 219,000  | 6 4-in. R F guns.                  | 4 6-pdr. R F, 2 1-pdr. R F, 1 Colt.                    |
| SPECIAL CLASS.               |        |            |                     |               |              |          |                                    |  |
| Chesapeake.....              | T S    | 1898       | 1,175               | ..            | ....         | 112,600  | 6 4-in. R F guns.                  | 4 6-pdr. R F, 2 1-pdr. R F.                            |
| Dolphin.....                 | T B    | 1883       | 1,495               | ..            | 2,253        | 215,000  | 3 4-in. R F guns.                  | 2 14-pdr. R F, 2 6-pdr. R F, 2 3-pdr. R F, 2 Gatlings. |
| Vesuvius.....                | D G B  | 1885       | 929                 | 21            | 3,795        | 350,000  | 3 15-in. dynamite guns.            | 5 3-pdr. R F, 1 Colt.                                  |
| AUXILIARY CRUISERS.          |        |            |                     |               |              |          |                                    |  |
| Badger.....                  | S C    | ....       | 4,784               | 16            | 3,200        | 367,000  | 6 5-in. R F guns.                  | 6 3-pdrs.  |
| Buffalo.....                 | S C    | ....       | 6,000               | 14.5          | 3,600        | 575,000  | 2 5-in. R F guns, 44-in. R F guns. | 2 6-mm. Colts, 6 6-pdrs.                               |
| Dixie.....                   | S C    | ....       | 6,114               | 16            | 3,800        | 575,000  | 10 6-in. R F guns.                 | 6 6-pdrs., 2 Colts.                                    |
| Panther.....                 | I C    | ....       | 4,230               | 13            | ....         | 375,000  | 5 5-in. R F guns, 24-in. R F guns. | 6 6-pdrs., 1 Colt, 1 3-in. field.                      |
| Prairie.....                 | I C    | ....       | 6,872               | 14.5          | 3,800        | 575,000  | 10 6-in. R F guns.                 | 6 6-pdr. R F, 2 Colts.                                 |
| Yankee.....                  | I C    | ....       | 6,000               | 14.3          | 3,800        | 575,000  | 10 5-in. R F guns.                 | 6 6-pdrs., 2 Colts.                                    |
| Yosemite.....                | I C    | ....       | 6,179               | 14            | 3,800        | 575,000  | 10 5-in. R F guns.                 | 6 6-pdrs., 2 Colts.                                    |
| TORPEDO BOATS.               |        |            |                     |               |              |          |                                    |  |
| Bagley*.....                 | T B    | 1898       | 167                 | 28            | 4,200        | 161,000  | .....                              | 3 3-pdr. R F, 3 18-in. W T.                            |
| Bailey*.....                 | T B    | 1894       | 235                 | 30            | 5,600        | 210,000  | .....                              | 4 6-pdr. R F, 2 18-in. W T.                            |
| Barcelo*.....                | T B    | ....       | 66                  | 17            | 600          | .....    | .....                              | .....  |
| Barney*.....                 | T B    | 1898       | 167                 | 28            | 4,200        | 161,000  | .....                              | 3 3-pdr. R F, 3 18-in. W T.                            |
| Biddle*.....                 | T B    | 1898       | 167                 | 28            | 4,200        | 161,000  | .....                              | 3 3-pdr. R F, 3 18-in. W T.                            |
| Blakeley*.....               | T B    | 1898       | 165                 | 28            | 3,000        | 159,000  | .....                              | 3 3-pdr. R F, 3 18-in. W T.                            |
| Cushing.....                 | T B    | 1888       | 105                 | 32.5          | 1,720        | 82,750   | .....                              | 3 1-pdr. R F, 3 18-in. W T.                            |
| Dahlgren*.....               | T B    | 1897       | 146                 | 30            | 4,200        | 194,000  | .....                              | 4 1-pdr. R F, 2 18-in. W T.                            |
| Davis*.....                  | T B    | 1897       | 154                 | 28            | 1,750        | 81,549   | .....                              | 3 1-pdr. R F, 3 18-in. W T.                            |
| De Long*.....                | T B    | 1898       | 165                 | 28            | 3,000        | 159,400  | .....                              | 3 3-pdr. R F, 3 18-in. W T.                            |
| Du Pont.....                 | T B    | 1896       | 165                 | 28            | ....         | 157,000  | .....                              | 1 11-pdr. R F, 3 18-in. W T.                           |
| Ericsson.....                | T B    | 1892       | 120                 | 24            | 1,800        | 113,500  | .....                              | 3 1-pdr. R F, 3 18-in. W T.                            |
| Farzagli*.....               | T B    | 1897       | 279                 | 20            | 5,600        | 227,500  | .....                              | 4 6-pdr. R F, 2 18-in. W T.                            |
| Foote.....                   | T B    | 1896       | 142                 | 24            | 2,000        | 91,500   | .....                              | 3 1-pdr. R F, 3 18-in. W T.                            |
| Fox*.....                    | T B    | 1887       | 154                 | 23            | 1,750        | 85,000   | .....                              | 3 1-pdr. R F, 3 18-in. W T.                            |
| Goldsborough*.....           | T B    | 1897       | 247                 | 30            | 6,000        | 214,500  | .....                              | 4 6-pdr. R F, 2 18-in. W T.                            |
| Gwin.....                    | T B    | 1897       | 45                  | 20            | 850          | 39,000   | .....                              | 1 1-pdr. R F, 2 18-in. W T.                            |
| MacKenzie.....               | T B    | 1897       | 65                  | 20            | 850          | 48,500   | .....                              | 1 1-pdr. R F, 2 18-in. W T.                            |
| Manly*.....                  | T B    | 1897       | ....                | ..            | ....         | 24,250   | .....                              | 3 3-pdr. R F, 3 18-in. W T.                            |
| McKee*.....                  | T B    | 1897       | 65                  | 19            | 850          | 45,000   | .....                              | 2 1-pdr. R F, 2 18-in. W T.                            |
| Morris*.....                 | T B    | 1897       | 104                 | 24            | 1,750        | 89,000   | .....                              | 1 1-pdr. R F, 3 18-in. W T.                            |
| Nicholson*.....              | T B    | 1898       | 174                 | 28            | ....         | 165,000  | .....                              | 3 3-pdr. R F, 3 18-in. W T.                            |
| O'Brien*.....                | T B    | 1899       | 174                 | 28            | ....         | 185,000  | .....                              | 3 3-pdr. R F, 3 18-in. W T.                            |
| Plunger (Submarine). . . . . | S T B  | 1896       | 168                 | 8             | 1,200        | 160,000  | .....                              | 2 W T.   |
| Porter.....                  | T B    | 1896       | 165                 | 28            | ....         | 147,000  | .....                              | 4 1-pdr. R F, 3 18-in. W T.                            |
| Rdgers.....                  | T B    | 1896       | 142                 | 24            | 2,000        | 37,500   | .....                              | 3 1-pdr. R F, 3 18-in. W T.                            |
| Rowan.....                   | T B    | 1886       | 182                 | 27            | 2,200        | 160,000  | .....                              | 4 1-pdr. R F, 3 18-in. W T.                            |
| Shubrick*.....               | T B    | 1899       | 165                 | 26            | 3,000        | 129,750  | .....                              | 3 3-pdr. R F, 3 18-in. W T.                            |
| Somers*.....                 | T B    | 1887       | 145                 | 23            | 1,900        | 72,997   | .....                              | 3 3-pdr. R F, 3 18-in. W T.                            |
| Stiletto.....                | T B    | 1888       | 318                 | 18            | 359          | 25,000   | .....                              | .....  |
| Stockton*.....               | T B    | 1898       | 165                 | 26            | 3,000        | 129,750  | .....                              | 3 3-pdr. R F, 3 18-in. W T.                            |
| Stringham*.....              | T B    | 1897       | 340                 | 30            | 7,200        | 236,000  | .....                              | 7 6-pdr. R F, 2 18-in. W T.                            |
| T. A. M. Craven*.....        | T B    | 1895       | 145                 | 30            | 4,200        | 194,000  | .....                              | 4 1-pdr. R F, 2 18-in. W T.                            |
| Talbot.....                  | T B    | 1817       | 49                  | 21            | 850          | 39,000   | .....                              | 1 1-pdr. R F, 2 18-in. W T.                            |
| Thornton*.....               | T B    | 1898       | 165                 | 26            | 3,000        | 129,750  | .....                              | 3 3-pdr. R F, 3 18-in. W T.                            |
| Tingey*.....                 | T B    | 1898       | 165                 | 26            | 3,000        | 148,000  | .....                              | 3 3-pdr. R F, 3 18-in. W T.                            |
| Wilkes*.....                 | T B    | 1898       | 165                 | 26            | 3,000        | 146,000  | .....                              | 3 3-pdr. R F, 3 18-in. W T.                            |
| Winslow.....                 | T B    | 1886       | 142                 | 24            | 2,000        | 97,500   | .....                              | 3 1-pdr. R F, 3 18-in. W T.                            |
| TOR-BOAT DESTROYERS.         |        |            |                     |               |              |          |                                    |  |
| Bainbridge*.....             | T D    | 1898       | 420                 | 29            | 8,000        | 283,000  | .....                              | 2 14-pdr. R F, 5 6-pdr. R F, 2 18-in. W T.             |
| Barry*.....                  | T D    | 1899       | 420                 | 29            | 8,000        | 283,000  | .....                              | 2 14-pdr. R F, 5 6-pdr. R F, 2 18-in. W T.             |
| Chauncey*.....               | T D    | 1899       | 420                 | 29            | 8,000        | 283,000  | .....                              | 2 14-pdr. R F, 5 6-pdr. R F, 2 18-in. W T.             |
| Dale*.....                   | T D    | 1899       | 420                 | 28            | 8,000        | 260,000  | .....                              | 2 14-pdr. R F, 5 6-pdr. R F, 2 18-in. W T.             |
| Decatur*.....                | T D    | 1899       | 420                 | 28            | 8,000        | 260,000  | .....                              | 2 14-pdr. R F, 5 6-pdr. R F, 2 18-in. W T.             |
| Hopkins*.....                | T D    | 1899       | 408                 | 29            | 7,200        | 291,000  | .....                              | 2 14-pdr. R F, 5 6-pdr. R F, 2 18-in. W T.             |
| Hull*.....                   | T D    | 1898       | 408                 | 29            | 7,200        | 291,000  | .....                              | 2 14-pdr. R F, 5 6-pdr. R F, 2 18-in. W T.             |
| Lawrence*.....               | T D    | 1899       | 400                 | 30            | 8,400        | 281,000  | .....                              | 2 14-pdr. R F, 5 6-pdr. R F, 2 18-in. W T.             |
| Macdonough*.....             | T D    | 1899       | 400                 | 30            | 8,400        | 281,000  | .....                              | 2 14-pdr. R F, 5 6-pdr. R F, 2 18-in. W T.             |
| Paul Jones*.....             | T D    | 1899       | 420                 | 29            | 7,000        | 285,000  | .....                              | 2 14-pdr. R F, 5 6-pdr. R F, 2 18-in. W T.             |
| Perry*.....                  | T D    | 1899       | 420                 | 29            | 7,000        | 285,000  | .....                              | 2 14-pdr. R F, 5 6-pdr. R F, 2 18-in. W T.             |
| Purble*.....                 | T D    | 1899       | 420                 | 29            | 7,000        | 285,000  | .....                              | 2 14-pdr. R F, 5 6-pdr. R F, 2 18-in. W T.             |



THE NAVY—Continued.  
DIMENSIONS, COAL SUPPLY, ARMOR, AND COMPLEMENT—Continued.

| VESSELS.            | Length on Load Water Line. |     | Extreme Breadth. | Mean Draught. | Type of Engine. | Normal Coal Supply. | Banker Capacity.     | No. of Torpedo Tubes. | ARMOR. |          |           | PROTECTIVE DECK. |       | COMPLEMENT. |       |       |     |     |
|---------------------|----------------------------|-----|------------------|---------------|-----------------|---------------------|----------------------|-----------------------|--------|----------|-----------|------------------|-------|-------------|-------|-------|-----|-----|
|                     | Ft.                        | In. |                  |               |                 |                     |                      |                       | Sides. | Turrets. | Barbette. | Slope.           | Flat. | Officers.   | Men.  |       |     |     |
|                     |                            |     | In.              | In.           | In.             | In.                 | In.                  |                       |        |          |           |                  |       |             |       |       |     |     |
| Katahdin.....       | 250                        | 9   | 43               | 5             | 15              | 0                   | T. S., V. T. E.....  | 175                   | 193    | ..       | 6         | ..               | ..    | 2           | 7     | 90    |     |     |
| Kearsarge.....      | 368                        | 0   | 72               | 2             | 23              | 6                   | T. S., V. T. E.....  | 410                   | 1,645  | 4        | 16 1/2    | 17               | 15    | 3           | 205   | 40    | 513 |     |
| Kentucky.....       | 368                        | 0   | 72               | 2             | 23              | 6                   | T. S., V. T. E.....  | 410                   | 1,645  | 4        | 16 1/2    | 17               | 15    | 3           | 205   | 2 1/2 | 40  | 514 |
| Maclias.....        | 504                        | 0   | 32               | 1             | 12              | 0                   | T. S., V. T. E.....  | 125                   | 292    | ..       | ..        | ..               | ..    | 3 1/2       | 5-16  | 11    | 143 |     |
| Maine.....          | 388                        | 0   | 72               | 2             | 23              | 6                   | T. S., V. T. E.....  | 1,000                 | 2,000  | 2        | 11        | 12               | 12    | 3           | 204   | 2 1/2 | 40  | 478 |
| Marblehead.....     | 257                        | 0   | 37               | 0             | 14              | 7                   | T. S., V. T. E.....  | 290                   | 340    | 2        | ..        | ..               | ..    | 7-18        | 5-16  | 20    | 242 |     |
| Massachusetts.....  | 348                        | 0   | 69               | 3             | 25              | 1                   | T. S., V. T. E.....  | 400                   | 1,597  | 2        | 18        | 15               | 17    | ..          | 2 1/2 | 32    | 462 |     |
| Miantonomoh.....    | 259                        | 6   | 55               | 6             | 14              | 6                   | T. S., I. C.....     | 250                   | 260    | ..       | 7         | 11.5             | ..    | ..          | 1 1/2 | 13    | 136 |     |
| Minneapolis.....    | 412                        | 0   | 58               | 2             | 22              | 6                   | Tr. S., V. T. E..... | 750                   | 1,891  | 4        | ..        | ..               | ..    | 4           | 2 1/2 | 30    | 447 |     |
| Missouri.....       | 388                        | 0   | 72               | 2             | 23              | 6                   | T. S., V. T. E.....  | 1,000                 | 2,000  | 2        | 11        | 12               | 12    | 3           | 204   | 2 1/2 | 35  | 478 |
| Monadnock.....      | 259                        | 6   | 55               | 6             | 14              | 7                   | T. S., H. T. E.....  | 250                   | 386    | ..       | 9         | 7.5              | 11.5  | ..          | 1 1/2 | 2 1/2 | 26  | 187 |
| Monterey.....       | 256                        | 0   | 59               | 0             | 14              | 10                  | T. S., V. T. E.....  | 200                   | 233    | ..       | 13        | 8                | 13    | ..          | 3     | 19    | 199 |     |
| Montgomery.....     | 257                        | 0   | 37               | 0             | 14              | 7                   | T. S., V. T. E.....  | 200                   | 340    | 2        | ..        | ..               | ..    | 7-18        | 5-16  | 20    | 250 |     |
| Nashville.....      | 220                        | 0   | 38               | 1             | 11              | 0                   | T. S., V. Q. E.....  | 180                   | 400    | ..       | ..        | ..               | ..    | 3 1/2       | 5-16  | 11    | 167 |     |
| Newark.....         | 311                        | 7   | 49               | 2             | 18              | 9                   | T. S., H. T. E.....  | 400                   | 809    | ..       | ..        | ..               | ..    | 3           | 3     | 34    | 359 |     |
| New Orleans.....    | 346                        | 0   | 43               | 9             | 18              | 0                   | T. S., V. T. E.....  | 400                   | 2,000  | ..       | ..        | ..               | ..    | 3           | 1 1/2 | 3     | 40  | 511 |
| New York.....       | 386                        | 6   | 63               | 10            | 23              | 3                   | T. S., V. T. E.....  | 750                   | 1,890  | 2        | 4         | 5.5              | 10    | 3           | 1 1/2 | 3     | 40  | 522 |
| Ohio.....           | 388                        | 0   | 72               | 2             | 23              | 6                   | T. S., V. T. E.....  | 1,000                 | 2,000  | 2        | 11        | 12               | 12    | 3           | 204   | 2 1/2 | 35  | 478 |
| Olympia.....        | 340                        | 0   | 53               | 0             | 21              | 6                   | T. S., V. T. E.....  | 400                   | 1,169  | 6        | ..        | ..               | ..    | 4 1/2       | 2     | 34    | 412 |     |
| Oregon.....         | 348                        | 0   | 69               | 3             | 25              | 4                   | T. S., V. T. E.....  | 400                   | 1,594  | 2        | 18        | 15               | 17    | ..          | 2 1/2 | 32    | 462 |     |
| Petrel.....         | 176                        | 3   | 31               | 0             | 11              | 7                   | S., H. C.....        | 100                   | 200    | ..       | ..        | ..               | ..    | 3 1/2       | 5-16  | 10    | 122 |     |
| Philadelphia.....   | 327                        | 6   | 48               | 7             | 19              | 6                   | T. S., H. T. E.....  | 400                   | 1,074  | ..       | ..        | ..               | ..    | 4           | 2 1/2 | 34    | 355 |     |
| Puritan.....        | 290                        | 3   | 60               | 1             | 18              | 0                   | T. S., H. C.....     | 307                   | 314    | ..       | 14        | 8                | 14    | ..          | 2     | 22    | 208 |     |
| Raleigh.....        | 300                        | 0   | 42               | 0             | 18              | 0                   | T. S., V. T. E.....  | 350                   | 460    | ..       | ..        | ..               | ..    | 2 1/2       | 1     | 20    | 293 |     |
| Reina Mercedes..... | 279                        | 9   | 43               | 3             | 19              | 1                   | S.....               | 600                   | 600    | ..       | ..        | ..               | ..    | ..          | ..    | ..    | ..  | ..  |
| San Francisco.....  | 316                        | 0   | 49               | 2             | 18              | 9                   | T. S., H. T. E.....  | 380                   | 627    | 4        | ..        | ..               | ..    | 3           | 2     | 33    | 350 |     |
| Tacoma.....         | 292                        | 0   | 44               | 0             | 15              | 9                   | T. S., V. T. E.....  | 467                   | 700    | ..       | ..        | ..               | ..    | 2 & 1       | 3 1/2 | 30    | 263 |     |
| Texas.....          | 259                        | 6   | 55               | 6             | 14              | 6                   | T. S., I. C.....     | 250                   | 285    | ..       | 7         | 11.5             | ..    | ..          | 1 1/2 | 26    | 151 |     |
| Terrace.....        | 301                        | 4   | 64               | 1             | 22              | 6                   | T. S., V. T. E.....  | 500                   | 850    | 2        | 12        | 12               | ..    | ..          | 2     | 30    | 413 |     |
| Topeka.....         | 250                        | 0   | 35               | 0             | 15              | 5                   | H. C. C.....         | 273                   | 410    | ..       | ..        | ..               | ..    | ..          | ..    | 14    | 153 |     |
| Wilmington.....     | 250                        | 9   | 40               | 0             | 9               | 0                   | T. S., V. T. E.....  | 100                   | 300    | ..       | ..        | ..               | ..    | 3 1/2       | 5-16  | 10    | 188 |     |
| Wisconsin.....      | 368                        | 0   | 72               | 2             | 23              | 6                   | T. S., V. T. E.....  | 800                   | 1,440  | 4        | 16 1/2    | 14               | 15    | 3           | 204   | 2 1/2 | 35  | 453 |
| Wyoming.....        | 252                        | 0   | 50               | 0             | 12              | 6                   | T. S., V. T. E.....  | 400                   | 400    | ..       | 11        | 10               | 11    | ..          | 1 1/2 | 7     | 124 |     |
| Yorktown.....       | 230                        | 0   | 36               | 0             | 14              | 0                   | T. S., H. T. E.....  | 200                   | 380    | ..       | ..        | ..               | ..    | 3 1/2       | 1     | 14    | 181 |     |

ABBREVIATIONS.—B. S., Battle-Ship; C., Cruiser; C. D., Coast Defence; T. S., Training-Ship; A. C., Armored Cruiser; P. C., Protected Cruiser; D. G. E., Dynamite Gunboat; I. C., Iron Cruiser; S. C., Steel Cruiser; D. B., Despatch Boat; G. B., Gunboat; B. L. R., Breech-loading Rifle; T. B., Torpedo Boat; T. D., Torpedo-Boat Destroyer; C. G. B., Composite Gunboat; R. F. G., Rapid Fire Gun; R., Rifle when in main battery, Ram when referring to class; H. R. C., Hotchkiss Revolving Cannon; R. F., Rapid Fire; H., Howitzer; R. C., Rifled Cannon; Q. F., Quick Fire; S. B., Smooth Bore; pdr., pounder; mm., millimetres; W. T., Whitehead Torpedo Tubes; S. T. B., Submarine Torpedo Boat. Engine types: T. S., Twin Screw; Tr. S., Triple Screw; S. S., Single Screw; H. C., Horizontal Compound; H. C. C., Horizontal Compound Cylindrical; H. T. E., Horizontal Triple Expansion; I. C., Inclined Compound; V. Q. E., Vertical Quadruple Expansion; V. T. E., Vertical Triple Expansion.

NAVY-YARDS.

1. Brooklyn Navy-Yard, Brooklyn, N. Y.
2. Charlestown Navy-Yard, Boston, Mass.
3. Portsmouth Navy-Yard, near Norfolk, Va.
4. Kittery Navy-Yard, opp. Portsmouth, N. H.
5. League Island Navy-Yard, 4 miles from City Hall, Philadelphia, Pa.
6. Mare Island Navy-Yard, near San Francisco, Cal.
7. Pensacola Navy-Yard, Pensacola, Fla.
8. Washington City Navy-Yard, Washington, D. C.

There are naval stations at New London, Ct.; Port Royal, S. C.; Bremerton, Wash.; Key West, Fla., a torpedo and training station at Newport, R. I., and a training station on Yerba Buena Island, Cal., and the Naval War College, Newport, R. I. Capt. Charles H. Stockton, President.

Naval stations have within the past year been established at San Juan, Por. Rico; Havana, Cuba; Honolulu, H. I., and Cavité, Philippine Islands. The latter has steadily grown in importance, and at the present time employs over 1,000 men.

UNITED STATES NAVAL ENLISTMENT.

All applicants for enlistment in the naval service must be of robust frame, intelligent, of perfectly sound and healthy constitution and free from any of the following physical defects: Greatly retarded development, feeble constitution, inherited or acquired; permanently impaired general health, decided cachexia, diathesis or predisposition, weak or disordered intellect, epilepsy or other convulsions within five years, impaired vision or chronic disease of the organs of vision, great dullness of hearing or chronic disease of the ears, chronic nasal catarrh, ozaena, polyp or great enlargement of the tonsils, marked impediment of speech, decided indications of liability to pulmonary disease, chronic cardiac affections, large varicose veins of lower limbs, chronic ulcers, unnatural curvature of the spine, permanent disability of either of the extremities or articulations from any cause, defective teeth.

The term of enlistment is for four years. Wages for landsmen, \$16 per month; ordinary seamen, \$19; seamen \$24; stewards, mechanics, etc., \$16 to \$60; coal passers, \$22. Ages limited to from 21 to 35 years, except landsmen, 18 to 25, and ordinary seamen, 18 to 30.

Boys between the ages of 15 and 17, of good physique, may, with the consent of their parents or guardians, be enlisted to serve an apprenticeship in the navy until they arrive at the age of 21 years. Their pay at enlistment is \$9 per month, which, with length of service, is increased to \$21.

## THE NAVY—Continued.

## VESSELS OF THE NAVY IN COMMISSION.

DECEMBER, 1899.

## NORTH ATLANTIC STATION.

Rear-Admiral Norman H. Farquhar, Commander-in-Chief.

Address vessels care of the Navy Department.

|                                      |                                      |                                  |
|--------------------------------------|--------------------------------------|----------------------------------|
| New York, Flagship, Capt. A. S. Snow | Michigan.....Com. J. C. Logan.       | Texas.....Capt. C. D. Sigbee.    |
| Detroit.....Com. J. W. Hemphill.     | Massachusetts.....Capt. C. J. Train. | Vixen.....Lt.-Com. W. W. Kimball |
| Indiana.....Capt. F. W. Dickins.     | Scorpion.....Lt.-Com. A. P. Day.     |                                  |

## SOUTH ATLANTIC STATION.

Rear-Admiral Winfield S. Schley, Commander-in-Chief.

|  |                                    |                                    |
|--|------------------------------------|------------------------------------|
| Chicago, Flagship, Capt. C. H. Rockwell. | Montgomery.....Com. J. P. Merrell. | Wilmington.....Com. C. O. Alhbone. |
|--|------------------------------------|------------------------------------|

## PACIFIC STATION.

Rear-Admiral Albert Krutz, Commander-in-Chief.

Address vessels of this station care Navy Pay Office, San Francisco, Cal.

|  |                                      |                                 |
|--|--------------------------------------|---------------------------------|
| Iowa, Flagship.....Capt. C. F. Goodrich. | Marblehead.....Com. H. G. O. Colby.  | Ranger.....Com. Wells L. Field. |
| Aharanda.....Com. B. F. Tilley.          | Philadelphia.....Capt. G. C. Reiter. |                                 |

## ASIATIC STATION.

Rear-Admiral John C. Watson, Commander-in-Chief.

Address vessels of this station Manila, P. I., care Post-Office, San Francisco, Cal.

|   |  |                                  |
|---|--|----------------------------------|
| Baltimore, Flagship, Capt. J. M. Forsyth. | Glacier.....Lt.-Com. J. B. Briggs.       | Monterey.....Capt. G. W. Pigman. |
| Bannington.....Com. C. H. Arnold.         | Helena.....Com. E. K. Moore.             | Nashville.....Com. R. P. Rogers. |
| Brooklyn.....Capt. T. F. Jewell.          | Iris.....Com. W. H. Everett.             | Newark.....Capt. B. H. McCalla.  |
| Britain.....                              | Isla de Cuba.....Com. F. P. Gilmore.     | Oregon.....Capt. G. F. F. Wilde. |
| Callao.....Lieut. B. Tappan.              | Isla de Luzon.....Com. J. V. B. Bleeker. | Petrel.....                      |
| Cadmus.....Com. S. W. Vary.               | Manila.....Lt.-Com. A. P. Nazro.         | Princeton.....Com. H. Knox.      |
| Celtic.....Lt.-Com. N. J. K. Patch.       | Marietta.....Com. E. H. Gheen.           | Wheeling.....Com. W. T. Burwell. |
| Concord.....Com. S. M. Ackley.            | Monadnock.....Capt. J. McGowan.          | Yorktown.....Com. C. S. Sperry.  |
| Calgoa.....Com. J. W. Carlin.             | New Orleans.....Capt. E. Longnecker.     | Yosemite.....Capt. G. E. Ide.    |
| Dou Juan de Austria, Com. T. C. McLean.   | Monocacy.....Com. G. A. Bicknell.        | Zafiro.....                      |

## TORPEDO BOATS.

|  |                                    |
|--|------------------------------------|
| Farragut.....Lieut.-Com. R. F. Nicholson.                | Porter.....Lieut. I. V. Gillis.    |
| Gwin.....Lieut. J. S. Doddridge (in addition to Talbot). | Talbot.....Lieut. J. S. Doddridge. |

## TRAINING SHIPS.

|   |  |
|---|--|
| Adams.....Com. W. Goodwin.....San Francisco, Cal.   | Essex.....Com. F. Conriss.....Care Navy Department.          |
| Alliance.....Com. A. Ross.....Care Navy Department. | Lancaster.....Capt. C. M. Thomas.....Care Navy Department.   |
| Chesapeake.....Com. J. G. Eaton.....Annapolis, Md.  | Monongahela.....Com. A. V. Wadhams.....Care Navy Department. |
| Constellation, Com. J. J. Hunker.....Newport, R. I. | Pennscola.....Capt. Henry Glass.....San Francisco, Cal.      |

## STATE NAUTICAL SCHOOL SHIPS.

|  |  |
|--|--|
| Enterprise.....Com. F. M. Wise.....Boston, Mass.       | St. Mary's.....Com. W. H. Reeder.....New York, N. Y. |
| Saratoga.....Com. W. J. Barnette.....Philadelphia, Pa. |  |

## SPECIAL SERVICE.

|   |  |
|---|--|
| Amphitrite.....Capt. E. S. Houston.....Care Navy Department.            | Michigan.....Com. C. P. Perkins.....Erie, Pa.                |
| Dolphin.....Lt.-Com. W. H. H. South-erland.....Part of Spain, Trinidad. | Nero.....Lt.-Com. H. M. Hodges.....San Francisco, Cal.       |
| Eagle.....Lt.-Com. F. F. Fletcher.....Gibara, Cuba.                     | Patric.....Com. M. B. S. Mackenzie.....Care Navy Department. |
| Hartford.....Com. J. M. Hawley.....San Francisco, Cal.                  | Solace.....Com. A. Dunlap.....San Francisco, Cal.            |
| Iroquois.....Lieut. C. F. Ford.....Honolulu, H. I.                      | Sylph.....Lieut. W. J. Maxwell.....Washington, D. C.         |
|   | Yankton.....Lt.-Com. G. L. Dyer.....Gibara, Cuba.            |

## UNASSIGNED VESSELS.

|   |   |
|---|---|
| Cesar.....Lt.-Com. F. E. Sawyer.....San Juan, P. R.         | Scindia.....Com. J. M. Miller.....Care Navy Department. |
| Dixie.....Lieut.-Com. J. M. Roper.....Care Navy Department. | Uncas.....Lieut. T. J. Senn.....San Juan, P. R.         |
| Resolute.....Com. J. D. J. Kelley.....New York, N. Y.       |   |

## RECEIVING SHIPS.

|   |  |
|---|--|
| Franklin.....Capt. W. C. Wise.....Norfolk, Va.              | Vermont.....Capt. M. Miller.....Navy Yard, New York.   |
| Independence, Capt. C. S. Cotton.....Navy Yard, Mare Isl'nd | Wabash.....Capt. G. H. Wadleigh.....Navy Yard, Boston. |
| Richmond.....Capt. J. J. Reed.....Navy Yard, League Isl'nd  |  |

## FISH COMMISSION SHIPS.

|  |  |
|--|--|
| Albatross.....Com. J. F. Moser.....San Francisco, Cal. | Fish Hawk.....Mate J. A. Smith.....Fish Commission, Wash'n |
|--|--|

"Com." stands for Commander in all cases in this list.

## UNITED STATES NAVY PAY TABLE.

| RANK.   | At Sea.* | On Shore Duty. | On Leave or Waiting Orders. | RANK.   | At Sea.* | On Leave or Waiting Orders. | On Shore Duty. |
|---|----------|----------------|-----------------------------|---|----------|-----------------------------|----------------|
| Admiral.....  | \$13,500 | \$13,500       | ....                        | Medical and Pay Directors and Inspectors and Chief Engineers having the same rank at sea..... | \$4,400  | ....                        | ....           |
| Rear-Admirals, first nine.....  | 7,500    | 6,375          | ....                        | Fleet-Surgeons, Fleet-Paymasters, and Fleet-Engineers.....                                    | 4,400    | ....                        | ....           |
| Rear-Admirals, second nine.....   | 5,500    | 4,675          | ....                        | Surgeons, Paymasters, and Chief Engineers.....  | 2,800    | \$3,400                     | \$2,000        |
| Captains.....   | 3,500    | 2,975          | ....                        | Chaplains.....  | 2,800    | to                          | to             |
| Commanders.....   | 3,000    | 2,550          | ....                        |   | 4,200    | 4,000                       | 3,000          |
| Lieutenant-Commanders.....  | 2,500    | 2,125          | ....                        |   | 2,500    | 2,000                       | 1,600          |
| Lieutenants.....  | 1,800    | 1,530          | ....                        |   | to       | to                          | to             |
| Lieutenants (Junior Grade).....   | 1,500    | 1,275          | ....                        |   | 2,800    | 2,300                       | 1,900          |
| Ensigns.....  | 1,400    | 1,190          | ....                        |   |          |                             |                |
| Chief Boatswain, Chief Gunners, Chief Carpenters, Chief Sailmakers..... | 1,400    | 1,400          | ....                        |   |          |                             |                |
| Naval Cadets.....   | 500      | 500            | \$500                       |   |          |                             |                |
| Mates.....  | 900      | 700            | 500                         |   |          |                             |                |

Warrant officers are paid from \$700 to \$1,800, petty officers from \$360 to \$400, and enlisted men from \$192 to \$420 per annum. \*Or shore duty beyond sea.



# The State Militia of the States of the Union.

STRENGTH OF THE NATIONAL GUARD AND OF THE AVAILABLE ARMS-BEARING POPULATION OF EACH OF THE STATES AND TERRITORIES.

COMPILED FOR THE WORLD ALMANAC from records in the War Department and reports from State authorities up to December 1, 1899, by Captain W. R. Hamilton, Seventh Artillery, U. S. A.

| STATES AND TERRITORIES.   | Official State Designation.                | Generals and Capt. | Cavalry. | Artillery. | Infantry. | Total Number Authorized. | Total Liable to Military Service. |
|---------------------------|--|--------------------|----------|------------|-----------|--------------------------|-----------------------------------|
| Alabama.....              | Alabama State Troops.....                  | 29                 | ...      | 77         | 782       | 33,500                   | 265,000                           |
| Alaska.....               | No organized militia.....                  | 9                  | ...      | ...        | ...       | ...                      | 5,000                             |
| Arizona.....              | National Guard of Arizona.....             | 46                 | ...      | 132        | 148       | 541                      | 893                               |
| Arkansas.....             | Arkansas State Guard.....                  | 25                 | ...      | ...        | ...       | 1,850                    | 314,000                           |
| California.....           | National Guard of California.....          | 42                 | ...      | ...        | ...       | 3,240                    | 340,000                           |
| Colorado.....             | National Guard of Colorado.....            | 1                  | 102      | 74         | 460       | 3,500                    | 140,000                           |
| Connecticut.....          | National Guard of Connecticut.....         | 21                 | ...      | 78         | 2,512     | 4,108                    | 163,000                           |
| Delaware.....             | National Guard of Delaware.....            | 3                  | ...      | ...        | 600       | 750                      | 36,000                            |
| District of Columbia..... | National Guard District of Columbia.....   | 36                 | 74       | 64         | 1,200     | 3,350                    | 47,000                            |
| Florida.....              | Florida State Troops.....                  | 6                  | ...      | 130        | 870       | 1,454                    | 79,000                            |
| Georgia.....              | Georgia Volunteers.....                    | 74                 | 366      | ...        | 2,212     | 12,330                   | 330,000                           |
| Hawaii.....               | Hawaiian National Guard.....               | 8                  | 42       | ...        | 1,600     | N. Ltd.                  | 12,000                            |
| Idaho.....                | Idaho National Guard.....                  | 1                  | ...      | 208        | 104       | N. Ltd.                  | 24,600                            |
| Illinois.....             | Illinois National Guard.....               | 26                 | 269      | ...        | 6,000     | 9,812                    | 852,600                           |
| Indiana.....              | Indiana Legion.....                        | 1                  | ...      | ...        | ...       | 4,600                    | 456,000                           |
| Indiana Territory.....    | No organized militia.....                  | ...                | ...      | ...        | ...       | ...                      | 30,000                            |
| Iowa.....                 | Iowa National Guard.....                   | 2                  | 82       | ...        | 1,208     | 5,900                    | 400,000                           |
| Kansas.....               | Kansas National Guard.....                 | 6                  | ...      | 67         | 1,240     | 1,412                    | 295,000                           |
| Kentucky.....             | Kentucky National Guard.....               | 1                  | ...      | ...        | 1,500     | 3,500                    | 360,000                           |
| Louisiana.....            | Louisiana State National Guard.....        | 47                 | 63       | 712        | 1,892     | 2,728                    | 205,000                           |
| Maine.....                | National Guard State of Maine.....         | 9                  | ...      | ...        | ...       | 4,000                    | 132,000                           |
| Maryland.....             | Maryland National Guard.....               | 5                  | ...      | ...        | 1,408     | 2,265                    | 204,000                           |
| Michigan.....             | Michigan National Guard.....               | 1                  | ...      | ...        | ...       | 3,644                    | 462,000                           |
| Massachusetts.....        | Massachusetts Volunteer Militia.....       | 24                 | 252      | 728        | 4,196     | 6,354                    | 499,000                           |
| Minnesota.....            | National Guard of Minnesota.....           | 8                  | ...      | ...        | 1,200     | 4,500                    | 304,000                           |
| Mississippi.....          | Mississippi National Guard.....            | 1                  | 162      | ...        | 1,092     | 1,800                    | 228,000                           |
| Missouri.....             | National Guard of Missouri.....            | 14                 | ...      | 142        | 1,872     | 3,000                    | 666,000                           |
| Montana.....              | National Guard of Montana.....             | 1                  | 46       | ...        | ...       | N. Ltd.                  | 55,000                            |
| Nebraska.....             | Nebraska National Guard.....               | 5                  | ...      | 87         | 930       | 2,000                    | 253,000                           |
| Nevada.....               | Nevada National Guard.....                 | 8                  | ...      | 61         | 300       | 1,700                    | 14,000                            |
| New Hampshire.....        | New Hampshire National Guard.....          | 7                  | ...      | ...        | 1,154     | 1,709                    | 79,000                            |
| New Jersey.....           | National Guard of New Jersey.....          | 61                 | 134      | ...        | 4,090     | 6,223                    | 313,000                           |
| New Mexico.....           | National Guard of New Mexico.....          | 8                  | 214      | 29         | 382       | 1,500                    | 36,000                            |
| New York.....             | National Guard State of New York.....      | 82                 | 390      | 412        | 13,112    | 15,000                   | 1,300,000                         |
| North Carolina.....       | North Carolina National Guard.....         | 24                 | ...      | ...        | 892       | 1,800                    | 273,000                           |
| North Dakota.....         | North Dakota National Guard.....           | ...                | ...      | ...        | 764       | 926                      | 45,000                            |
| Ohio.....                 | Ohio National Guard.....                   | 18                 | 741      | 756        | 1,488     | 9,557                    | 767,000                           |
| Oklahoma.....             | Oklahoma National Guard.....               | 9                  | ...      | ...        | 414       | 500                      | 15,000                            |
| Oregon.....               | Oregon National Guard.....                 | 12                 | ...      | 90         | 702       | 2,164                    | 87,000                            |
| Pennsylvania.....         | National Guard Pennsylvania.....           | 54                 | 326      | 410        | 928       | 10,878                   | 1,140,000                         |
| Philippine Islands.....   | No militia organized.....                  | ...                | ...      | ...        | ...       | ...                      | 700,000                           |
| Porto Rico.....           | United States Volunteers, Porto Rico.....  | ...                | ...      | ...        | 300       | 300                      | 125,000                           |
| Rhode Island.....         | Brigade of Rhode Island Militia.....       | 7                  | ...      | 62         | 1,376     | 1,571                    | 75,000                            |
| South Carolina.....       | South Carolina Volunteer State Troops..... | 1                  | 492      | 279        | 1,512     | N. Ltd.                  | 198,000                           |
| South Dakota.....         | South Dakota National Guard.....           | 14                 | ...      | 64         | 846       | 1,030                    | 80,000                            |
| Tennessee.....            | National Guard State of Tennessee.....     | 9                  | ...      | ...        | 1,728     | N. Ltd.                  | 324,000                           |
| Texas.....                | Texas Volunteer Guard.....                 | 44                 | 156      | 281        | 1,614     | 3,000                    | 446,000                           |
| Utah.....                 | National Guard of Utah.....                | 20                 | ...      | 212        | 600       | 900                      | 46,000                            |
| Vermont.....              | National Guard of Vermont.....             | 9                  | ...      | 96         | 737       | 870                      | 67,000                            |
| Virginia.....             | Virginia Volunteers.....                   | 17                 | 128      | 74         | 3,128     | 5,104                    | 295,000                           |
| Washington.....           | National Guard of Washington.....          | 23                 | 126      | ...        | 1,202     | 1,600                    | 124,000                           |
| West Virginia.....        | West Virginia National Guard.....          | 13                 | ...      | ...        | 1,006     | 1,438                    | 147,000                           |
| Wisconsin.....            | Wisconsin National Guard.....              | 31                 | 63       | 87         | 1,624     | 3,000                    | 348,000                           |
| Wyoming.....              | Wyoming National Guard.....                | 11                 | ...      | 92         | 1,078     | 1,170                    | 25,000                            |

NOTE.—The above table is incomplete. Many of the States have not reorganized their militias since the end of the Spanish-American War of 1898. Others have their returns in an incomplete condition, while some will not report any figures at present.—W. R. H.

## Naval Militia.

THE Naval Militia is now organized in eighteen States and in the District of Columbia, as follows: California, Captain L. H. Turner; Connecticut, Lieutenant-Commander A. H. Day; District of Columbia, Commander S. G. Hopkins; Florida, Commander J. W. Fitzgerald; Georgia, Commander F. D. Aiken; Illinois, Captain R. M. Shaffner; Louisiana, Commander J. W. Bostick; Maryland, Commander I. E. Emerson; Massachusetts, Captain J. W. Weeks; Michigan, Commander G. Wilkes; New Jersey, Battalion of the East, Commander W. Irving; Battalion of the West, Commander H. R. Cohen; New York, Captain J. W. Miller; North Carolina, Commander G. L. Morton; Ohio, Lieutenant-Commander A. U. Betts, commanding First Battalion, Lieutenant-Commander G. R. McKay, commanding Second Battalion; Oregon, Lieutenant-Commander W. A. Sherman; Pennsylvania, Commander J. S. Muckle; Rhode Island, Commander W. M. Little; South Carolina, Commander R. H. Pinckney; Virginia, Commander H. L. Cannon.

The proper duty of the Naval Militia in time of war should be to man the coast and harbor defence vessels, thus leaving free the regular force to carry on offensive operations at sea.

All matters relating to the Naval Militia come under the cognizance of the Assistant Secretary of the Navy. Total enlisted force of petty officers and men on January 1, 1899, 5,439. The Navy Department transacts all its business with the Naval Militia through the Governors and the Adjutants-General of the States. The officer of the Navy Department at Washington having cognizance of Naval Militia matters is Lieutenant W. H. H. Southerland, U. S. N.

## Diplomatic and Consular Service.

## AMBASSADORS EXTRAORDINARY AND PLENIPOTENTIARY.

| Country.           | Name and State.         | Salary.  | Country.    | Name and State.          | Salary.  |
|--------------------|-------------------------|----------|-------------|--------------------------|----------|
| France.....        | Horace Porter, N. Y.    | \$17,500 | Italy.....  | William F. Draper, Mass. | \$12,000 |
| Germany.....       | Andrew D. White, N. Y.  | 17,500   | Mexico..... | Powell Clayton, Ark.     | 17,500   |
| Great Britain..... | Joseph H. Choate, N. Y. | 17,500   | Russia..... | Charlemagne Tower, Pa.   | 17,500   |

## ENVOYS EXTRAORDINARY AND MINISTERS PLENIPOTENTIARY.

|   |                              |               |                       |                          |        |
|---|------------------------------|---------------|-----------------------|--------------------------|--------|
| Argentine Rep. William P. Lord, Oregon. | \$10,000                     | Japan.....    | Alfred E. Buck, Ga.   | \$12,000                 |        |
| Aust.-Hungary. Addison C. Harris, Ind.  | 10,000                       | Netherlands.. | Stanford Newel, Minn. | 7,500                    |        |
| Belgium.....                            | Laurence Townsend, Pa.       | 7,500         | Nicaragua....         | William L. Merry, Cal.   | 10,000 |
| Bolivia.....                            | George H. Bridgman, N. J.    | 5,000         | Paraguay and          |                          |        |
| Brazil.....                             | Charles Page Bryan, Ill.     | 12,000        | Uruguay.....          | William R. Finch, Wis.   | 7,500  |
| Chile.....                              | Henry L. Wilson, Wash.       | 10,000        | Peru.....             | Irving B. Dudley, Cal.   | 10,000 |
| China.....                              | Edwin H. Conger, Iowa.       | 12,000        | Portugal.....         | John N. Irwin, Iowa.     | 5,000  |
| Colombia.....                           | Charles Burdett Hart, W. Va. | 10,000        | Spain.....            | Bellamy Storer, Ohio.    | 12,000 |
| Denmark.....                            | Laurits S. Swenson, Minn.    | 7,500         | Sweden and            |                          |        |
| Ecuador.....                            | Archibald J. Simpson, Ariz.  | 5,000         | Norway.....           | Wm. W. Thomas, Jr., Me.  | 7,500  |
| Greece.....                             | Arthur S. Hardy, N. H.*      | 6,500         | Switzerland...        | John G. A. Leishman, Pa. | 5,000  |
| Guatemala....                           | W. Godfrey Hunter, Ky. †     | 10,000        | Turkey.....           | Oscar S. Straus, N. Y.   | 10,000 |
| Hayti.....                              | Wm. F. Powell, N. J. ‡       | 5,000         | Venezuela....         | Francis B. Loomis, Ohio. | 7,500  |

## MINISTERS RESIDENT AND CONSULS-GENERAL.

|              |                         |         |             |                         |         |
|--------------|-------------------------|---------|-------------|-------------------------|---------|
| Korea.....   | Horace N. Allen, Ohio.  | \$7,500 | Persia..... | Herbert W. Bowen, N. Y. | \$5,000 |
| Liberia..... | Owen L. W. Smith, N. C. | 4,000   | Siam.....   | Hamilton King, Mich.    | 5,000   |

## SECRETARIES OF EMBASSIES AND LEGATIONS.

|  |                                 |            |                                    |                                |       |
|--|---------------------------------|------------|------------------------------------|--------------------------------|-------|
| Argentine Rep. Francois S. Jones, La.      | \$1,500                         | Italy..... | Lewis M. Iddings, N. Y.            | \$1,800                        |       |
| Aust.-Hungary. Charles V. Herdlicka, D. C. | 1,800                           | Italy..... | R. C. Parsons, Jr., Ohio (2d sec.) | 1,800                          |       |
| Brazil.....                                | Thomas C. Dawson, Iowa.         | 1,800      | Japan.....                         | J. R. Herod, Ind.              | 2,625 |
| Chile.....                                 | Henry J. Leaderink, Iowa.       | 1,800      | Japan.....                         | H. Wilson, Ill. (2d sec.)      | 1,800 |
| China.....                                 | Herbert G. Squiers, N. Y.       | 2,625      | Korea.....                         | William F. Sands, D. C.        | 1,500 |
| China.....                                 | W. E. Bainbridge, Ia. (2d sec)  | 1,800      | Mexico.....                        | Fenton R. McCreery, Mich.      | 2,625 |
| Colombia.....                              | Arthur M. Beaupré, Ill.         | 2,000      | Mexico.....                        | Wm. Heimke, N. Y. (2d sec.)    | 2,000 |
| France.....                                | Henry Vignaud, La.              | 2,625      | Nicaragua....                      | Rufus A. Lane, Cal.            | 1,800 |
| France.....                                | Spencer F. Eddy, Ill. (2d sec.) | 2,000      | Peru.....                          | Richard R. Neill, Pa.          | 1,500 |
| Germany.....                               | John B. Jackson, N. J.          | 2,625      | Russia.....                        | H. H. D. Peirce, Mass.         | 2,625 |
| Germany.....                               | George M. Flisk, O. (2d sec.)   | 2,000      | Russia.....                        | H. J. Hagerman, Col. (2d sec.) | 2,000 |
| Great Britain..                            | Henry White, R. I.              | 2,625      | Spain.....                         | Stanton Skiles, N. Y.          | 1,800 |
| Great Britain..                            | John R. Carter, Md. (2d sec.)   | 2,000      | Turkey.....                        | Lloyd C. Griscom, Pa.          | 1,800 |
| Guatemala....                              | James C. McNally, Pa.           | 2,000      | Venezuela....                      | Wm. W. Russell, Md.            | 1,500 |

## CONSULAR SERVICE.

C. G., Consul-General; C., Consul; V. C., Vice-Consul; D. C., Deputy Consul; C. A., Commercial Agent; A. G., Agent.

There are about 750 consular representatives of the United States of the several grades abroad. Those at the principal places in the world are given here. Where there are a consul and vice or deputy consul at the same place only the consul is given.

## Argentine Republic.

|                |                          |             |
|----------------|--------------------------|-------------|
| Buenos Ayres.. | Daniel Mayer, W. Va.     | C. \$2,500  |
| Cordova.....   | John M. Thorne, Pa.      | V. C. Fees. |
| Rosario.....   | James M. Ayers, Ohio, C. | Fees.       |

## Austria-Hungary.

|                |                                 |          |
|----------------|---------------------------------|----------|
| Buda-Pesth.... | Frank D. Chester, Mass.         | C. Fees. |
| Prague.....    | Hugo Donzelmann, Wyo.           | C. 3,000 |
| Trieste.....   | F. W. Hossfeld, Iowa, C.        | 2,000    |
| Vienna.....    | Carl Bailey Hurst, D. C., C. G. | 3,500    |

## Belgium.

|              |                          |             |
|--------------|--------------------------|-------------|
| Antwerp..... | George F. Lincoln, Ct.   | C. G. 3,000 |
| Brussels.... | George W. Roosevelt, Pa. | C. 2,500    |
| Ghent.....   | Richard Le Bert, Col.    | C. 2,000    |
| Liege.....   | Alfred A. Winslow, Ind.  | C. 1,500    |

## Bolivia.

|             |                                |       |
|-------------|--------------------------------|-------|
| La Paz..... | Gerardo Zalles, Bolivia, V. C. | Fees. |
|-------------|--------------------------------|-------|

## Brazil.

|                 |                            |          |
|-----------------|----------------------------|----------|
| Bahia.....      | Henry W. Furniss, Ind.     | C. 2,000 |
| Para.....       | K. K. Kennedy, Miss.       | C. 2,000 |
| Pernambuco..    | John Krause, Brazil, V. C. | 2,500    |
| Rio de Janeiro. | Eugene Seeger, Ill., C. G. | 5,000    |
| Santos.....     | Max J. Baehr, Neb.         | C. 2,500 |

## Chile.

|               |                              |       |
|---------------|------------------------------|-------|
| Arica.....    | John W. Lutz, Ohio, C.       | Fees. |
| Iquique.....  | Joseph W. Merriam, Mass., C. | Fees. |
| Valparaiso... | John F. Caples, Ore., C.     | 3,000 |

## China.

|               |                            |          |
|---------------|----------------------------|----------|
| Amoy.....     | A. B. Johnson, Col.        | C. 3,500 |
| Canton.....   | Edward Bedloe, Pa.         | C. 3,500 |
| Chefoo.....   | John Fowler, Mass.         | C. 2,500 |
| Chungking.... | William Martin, N. Y.      | C. 3,000 |
| Chungking.... | George F. Smithers, Del.   | C. 3,000 |
| Fuchau.....   | Samuel L. Gracey, Mass.    | C. 3,000 |
| Hankau.....   | Levi S. Wilcox, Ill.       | C. 3,000 |
| Shanghai....  | John Goodnow, Minn., C. G. | 5,000    |

|               |                             |         |
|---------------|-----------------------------|---------|
| Tientsin..... | James W. Ragsdale, Cal., C. | \$3,500 |
|---------------|-----------------------------|---------|

## Colombia.

|                |                                |          |
|----------------|--------------------------------|----------|
| Barranquilla.. | W. Irvin Shaw, Pa., C.         | 2,000    |
| Bogotá.....    | Arthur M. Beaupré, Ill., C. G. | 2,000    |
| Cartagena....  | Rafael Madrigal, Md., C.       | Fees.    |
| Colon.....     | Wm. W. Cobbs, Va., C.          | 3,000    |
| Medellin....   | Thomas Herran, Colom.          | C. Fees. |
| Panama.....    | Hezek. A. Gudge, N. C., C. G.  | 4,000    |

## Costa Rica.

|               |                            |       |
|---------------|----------------------------|-------|
| San José..... | John C. Caldwell, Kan., C. | 2,000 |
|---------------|----------------------------|-------|

## Denmark and Dominions.

|               |                             |       |
|---------------|-----------------------------|-------|
| Copenhagen... | John C. Ingersoll, Ill., C. | 1,500 |
|---------------|-----------------------------|-------|

|               |                             |       |
|---------------|-----------------------------|-------|
| St. Thomas... | Mahlon Van Horne, R. I., C. | 2,500 |
|---------------|-----------------------------|-------|

## Dominican Republic.

|                |                           |       |
|----------------|---------------------------|-------|
| Puerto Plata.. | Thomas Simpson, R. I., C. | Fees. |
|----------------|---------------------------|-------|

|             |                                  |       |
|-------------|----------------------------------|-------|
| Samana..... | Jean M. Villain, D. R., V. C. A. | Fees. |
|-------------|----------------------------------|-------|

|               |                            |       |
|---------------|----------------------------|-------|
| San Domingo.. | C. L. Maxwell, Ohio, C. G. | 2,000 |
|---------------|----------------------------|-------|

## Ecuador.

|               |                              |       |
|---------------|------------------------------|-------|
| Guayaquil.... | Perry M. De Leon, Ga., C. G. | 3,000 |
|---------------|------------------------------|-------|

## France and Dominions.

|                  |                              |       |
|------------------|------------------------------|-------|
| Algiers, Africa. | Charles T. Grellet, Cal., C. | Fees. |
|------------------|------------------------------|-------|

|               |                              |       |
|---------------|------------------------------|-------|
| Bordeaux..... | Albion W. Tourgée, N. Y., C. | 3,000 |
|---------------|------------------------------|-------|

|               |  |  |
|---------------|--|--|
| Boulogne-sur- |  |  |
|---------------|--|--|

|          |                           |      |
|----------|---------------------------|------|
| mer..... | William Hale, N. C., Agt. | .... |
|----------|---------------------------|------|

|            |                        |      |
|------------|------------------------|------|
| Brest..... | A. Pitel, France, Agt. | .... |
|------------|------------------------|------|

|             |                           |       |
|-------------|---------------------------|-------|
| Calais..... | James B. Milner, Ind., C. | 2,000 |
|-------------|---------------------------|-------|

|             |                              |      |
|-------------|------------------------------|------|
| Cannes..... | Philip T. Riddett, Fr., Agt. | .... |
|-------------|------------------------------|------|

|            |                              |      |
|------------|------------------------------|------|
| Cette..... | Lorenz S. Nahmens, Fr., Agt. | .... |
|------------|------------------------------|------|

|               |                          |      |
|---------------|--------------------------|------|
| Cherbourg.... | Henry J. E. Hainneville, | .... |
|---------------|--------------------------|------|

|  |              |      |
|--|--------------|------|
|  | France, Agt. | .... |
|--|--------------|------|

|             |                               |      |
|-------------|-------------------------------|------|
| Dieppe..... | Raoul de Bourgeois, Fr., Agt. | .... |
|-------------|-------------------------------|------|

|            |                            |      |
|------------|----------------------------|------|
| Dijon..... | Ernest Bourette, Fr., Agt. | .... |
|------------|----------------------------|------|

|                |  |  |
|----------------|--|--|
| Gorée - Dakar, |  |  |
|----------------|--|--|

|             |                           |       |
|-------------|---------------------------|-------|
| Africa..... | Peter Strickland, Ct., C. | Fees. |
|-------------|---------------------------|-------|

|               |                               |       |
|---------------|-------------------------------|-------|
| Grenoble..... | George B. Anderson, D. C., C. | 1,500 |
|---------------|-------------------------------|-------|

\* Also accredited to Roumania and Servia.

† Also accredited to Honduras.

‡ Also accredited to Costa Rica and Salvador.

§ Also chargé d'affaires to San Domingo.

|| Also Secretary of Legation at Costa Rica and Salvador.

## DIPLOMATIC AND CONSULAR SERVICE—Continued.

|                    |                                  |         |                       |                                   |         |
|--------------------|----------------------------------|---------|-----------------------|-----------------------------------|---------|
| Guadel'pe, W. I.   | Louis H. Aymé, Ill., C.          | \$1,500 | Chatham, Ont.         | Chas. E. Monteith, Idaho, C.      | \$2,000 |
| Havre              | A. M. Thacker, Pa., C.           | 3,500   | Coaticook, Que.       | Jesse H. Johnson, Tex., C.        | 1,500   |
| Honfleur           | Henry M. Hardy, Pa., C.          | 1,500   | Collingw'd, Ont.      | William Small, D. C., C.          | 2,000   |
| La Rochelle        | George H. Jackson, Ct., C.       | 1,500   | Cork, Queenst., N. W. | Daniel Swiney, Ohio, C.           | 2,000   |
| Lille              | C. D. Gregois, France, Agt.      | 1,500   | Ter                   | James C. McCook, Pa., C.          | 3,000   |
| Limoges            | Walter T. Griffin, N. Y., C. A.  | 1,500   | Demerara              | Francis H. Moulton, Col., C.      | 3,000   |
| Lyons              | John C. Covert, Ohio, C.         | 2,500   | Dover                 | George W. Prescott, Agt.          | 1,500   |
| Marseilles         | Robert P. Skinner, Ohio, C.      | 2,500   | Dublin                | Joshua Wigbour, B. I., C.         | 2,000   |
| Mars' que, W. I.   | George L. Darte, Pa., C.         | 1,500   | Dundee                | John G. Higgin, Del., C.          | 2,500   |
| Nantes             | Emile de Loth, Monaco, C.        | 1,500   | Dunfermline           | John G. McCunn, Wis., C.          | 2,000   |
| Nice               | Joseph I. Brittain, Ohio, C.     | 1,500   | Durban, Natal         | A. H. Rennie, Natal, Agt.         | 2,500   |
| Paris              | John K. Gowdy, Ind., C. G.       | 5,000   | Edinburgh             | Rufus Fleming, Ohio, C.           | 2,500   |
| Paris              | E. P. MacLean, N. Y., D. C. G.   | 1,500   | Falmouth              | Howard Fox, England, C.           | 1,500   |
| Remes              | J. Allison Bowen, Ill., D. C. G. | 1,500   | Fort Erie, Ont.       | Ossian Bedell, N. Y., C.          | 1,500   |
| Rheims             | Ernest Follard, France, Agt.     | 2,000   | Gibraltar             | Horatio J. Sprague, Mass., C.     | 3,000   |
| Roubaix            | Wm. A. Prickett, N. J., C.       | 2,000   | Glasgow               | Samuel M. Taylor, Ohio, C.        | 1,500   |
| Rouen              | Wm. P. Atwell, D. C., C.         | 2,000   | Godert, Ont.          | Robert S. Chilton, D. C., C. A.   | 1,500   |
| Salgon, Cochin.    | E. M. J. Dellepiane, Cal., V. C. | Fees.   | Guelph, Ont.          | Charles N. Daly, N. J., C.        | 3,500   |
| China              | E. Schneegans, Salgon, C. A.     | Fees.   | Hallifax, N. S.       | John G. Woster, Vt., C. G.        | 3,000   |
| St. Etienne        | Hilary S. Brunot, Pa., C.        | 2,000   | Hamilton, Ber.        | W. Maxwell Greene, E. I., C.      | 2,000   |
| St. Nazaire        | Thos. Sankey, France, Agt.       | 1,500   | Hamilton, Ont.        | Jas. M. Shepard, Mich., C.        | 2,000   |
| St. Pierre         | C. M. Freeman, N. H., C. A.      | Fees.   | Hobart, Tas.          | Alex. G. Webster, Tasm., C.       | Fees.   |
| Tabiti, Society    | Jacob L. Doty, N. Y., C.         | 1,000   | Hong Kong             | R. Wildman, Cal., C. G.           | 5,000   |
| Islands            | Miffin W. Gibbs, Ark., C.        | 2,000   | Huddersfield          | Benjamin F. Stone, Ohio, C.       | 2,500   |
| Tamatave, Mad.     | Benj. A. Jouve, France, Agt.     | 1,500   | Hull, Eng.            | William F. Smyth, Mo., C.         | 1,500   |
| agascar            | Benj. A. Jouve, France, Agt.     | 1,500   | Kimberley, S. A.      | Gardner Williams, Agt.            | 3,000   |
| Toulon             | Benj. A. Jouve, France, Agt.     | 1,500   | Kingston, Jam.        | Ethelbert Watts, Pa., C.          | 1,500   |
|                    | Germany                          |         | Kingston, Ont.        | Marsh. H. Twitchell, La., C.      | 1,500   |
| Aix la Chapelle    | Frank M. Brundage, Pa., C.       | 2,500   | Leeds                 | Lewis Dexter, R. I., C.           | 2,000   |
| Annaberg           | John F. Winter, Ill., C.         | 2,500   | Liverpool             | James Boyle, Ohio, C.             | 5,000   |
| Bamberg            | Louis Stern, Minn., C. A.        | 2,000   | Londonderry           | P. T. Rogers, Ireland, Agt.       | 1,500   |
| Barmen             | Max Bounstein, Ill., C.          | 3,000   | Limerick              | Edman Ludlow, Agt.                | 1,500   |
| Berlin             | Frank H. Mason, Ohio, C. G.      | 4,000   | London                | Wm. M. Osborne, Mass., C. G.      | 5,000   |
| Bremen             | H. W. Diederich, D. C., C.       | 2,500   | London                | R. Westcott, Mass., V. C. G.      | 1,500   |
| Bremen             | George H. Murphy, N. C.          | 2,000   | London, Ont.          | F. W. Frigout, Eng., D. C. G.     | 1,500   |
| Breslau            | Charles W. Erdman, Ky., C.       | 1,500   | Madras                | Henry S. Culvert, Ohio, C.        | 1,500   |
| Brunswick          | Talbot J. Albert, Md., C.        | 2,000   | Malta                 | Wm. H. Nichols, Mass., Agt.       | 1,500   |
| Chemnitz           | James C. Monaghan, R. I., C.     | 2,500   | Manchester            | John H. Grout, Jr., Mass., C.     | 3,000   |
| Coburg             | Oliver J. D. Hughes, Ct., C.     | 2,000   | Melbourne             | Wm. F. Grinnell, N. Y., C.        | 4,500   |
| Cologne            | John A. Barnes, Ill., C.         | 2,000   | Moncton, N. B.        | John P. Bray, N. Dak., C. G.      | 2,000   |
| Crefeld            | Julian Phelps, Iowa, C.          | 2,000   | Montreal              | N. B. G. Beutelspacher, O., C. A. | Fees.   |
| Dantzic            | Phillip Albrecht, Ger., Agt.     | 3,000   | Nassau, N. P.         | John L. Bittinger, Mo., C. G.     | 4,000   |
| Dresden            | Charles L. Cole, Pa., C. G.      | 3,000   | Newcastle-on-Tyne     | Thomas J. McLain, Ohio, C.        | 2,000   |
| Düsseldorf         | George P. Pettit, Pa., C.        | 2,000   | Newcastle-on-Tyne     | Horace W. Metcalf, Me., C.        | 2,000   |
| Frankfort          | Richard Guenther, Wis., C. G.    | 3,000   | Niagara Falls, Ont.   | Harlan W. Brush, N. Y., C.        | 1,500   |
| Frelburg, Baden E. | Theophilus Liefeld, Ct., C.      | 1,500   | Nottingham            | Silas C. McFarland, Iowa, C.      | 2,500   |
| Glauchau           | George Sawter, Ct., C.           | 2,000   | Ottawa, Ont.          | Charles E. Turner, Ct., C. G.     | 5,000   |
| Hamburg            | Hugh Pitcairn, Pa., C.           | 2,500   | Plymouth              | Joseph G. Stephens, Ind., C.      | Fees.   |
| Hanover            | Jay White, Mich., C.             | 1,500   | Port Hope, Ont.       | Harry P. Dill, Me., C. A.         | 1,500   |
| Kehl               | Alexander Wood, Pa., C.          | 1,500   | Port Louis, Mauritius | John P. Campbell, Cal., C.        | 2,000   |
| Leipzig            | B. H. Warner, Jr., Md., C.       | 2,000   | Pt. Sarnia, Ont.      | Neal McMillan, Mich., C.          | 1,500   |
| Lübeck             | Jacob Meyer, Jr., Ger., Agt.     | 2,500   | Portsmouth            | William J. Main, Eng., Agt.       | 1,500   |
| Mainz              | Walter Schumann, N. Y., C.       | 2,500   | Pt. Stanley, F. I.    | John E. Rowen, Iowa, C.           | 1,500   |
| Mannheim           | Peter J. Osterhaus, Mo., V. C.   | 2,000   | Prescott, Ont.        | Grenville James, N. Y., C.        | 1,500   |
| Munich             | James H. Worman, N. Y., C.       | 2,000   | Quebec                | William W. Henry, Vt., C.         | 1,500   |
| Nuremberg          | Gustave C. E. Weber, Ohio, C.    | 3,000   | St. Christopher       | Joseph Haven, Ill., C. A.         | Fees.   |
| Plauen             | Thomas W. Peters, D. C., C.      | 2,500   | St. Helena            | Robert P. Pooley, N. Y., C.       | 1,500   |
| Stettin            | John E. Kehl, Ohio, C.           | 1,000   | St. John, N. B.       | Ira B. Myers, Ind., C.            | 2,000   |
| Stuttgart          | Edward H. Ozmun, Minn., C.       | 2,500   | St. John's, N. F.     | Martin J. Carter, Pa., C.         | 1,500   |
| Weimar             | Thos. Ewing Moore, D. C., C.     | 2,000   | St. John's, Que.      | Charles Deal, N. Y., C.           | 1,500   |
| Zittau             | William K. Herzog, Ill., C.      | 1,500   | St. Steph'n, N. B.    | Chas. A. McCullough, Me., C.      | 2,000   |
|                    | Great Britain and Dominions      |         | St. Thomas, Ont.      | Michael J. Burke, Ill., C.        | 2,000   |
| Aberdeen           | Andrew Murray, Scot., Agt.       | 1,500   | Sheffield             | James Johnston, N. J., C.         | 2,500   |
| Aden, Arabia       | E. S. Cunningham, Tenn., C.      | Fees.   | Sherbr'ke, Que.       | Paul Lang, N. H., C.              | 2,000   |
| Antigua, W. I.     | Henry M. Hunt, Ill., C.          | 1,500   | Sierra Leone          | John T. Williams, N. C., C.       | 1,500   |
| Auckland, N. Z.    | Frank Dillingham, Cal., C.       | 2,000   | Singapore             | R. A. Moseley, Jr., Ala., C. G.   | 3,000   |
| Barradoes, W. I.   | Sam. A. Macallister, Del., C.    | 2,000   | Southampton           | John E. Hopley, Ohio, C.          | 2,500   |
| Bathurst, Afr.     | Henry Goddard, V. C.             | Fees.   | St. Lucia, W. I.      | William Peter, Agt.               | 1,500   |
| Belfast, Ire.      | Wm. W. Touvelle, Ohio, C.        | 3,000   | Stratford, Ont.       | August G. Seyfert, Pa., C.        | 1,500   |
| Belize, Hond.      | William L. Avery, Mont., C.      | 1,500   | St. Vincent, W. I.    | Ernest A. Richards, Agt.          | 1,500   |
| Belleville, Ont.   | Mich' J. Hendrick, N. Y., C.     | Fees.   | Suva, Fiji            | Alex. B. Joske, Fiji, C. A.       | Fees.   |
| Birmingham         | Marshal Halstead, N. Y., C.      | 2,500   | Swansea, Wales        | Griffith W. Pries, Wis., C.       | 2,500   |
| Bombay, India      | William T. Fee, Ohio, C.         | 2,000   | Sydney, N. S.         | George N. West, D. C., C.         | 1,500   |
| Bradford, Eng.     | Erastus Sheldon Day, Ct., C.     | 3,000   | Sydney, N. S. W.      | George W. Bell, Wash., C.         | 2,000   |
| Bristol, Eng.      | Lorin A. Lathrop, Cal., C.       | 1,500   | Three Rivers          | Urban J. Ledoux, Me., C.          | 1,500   |
| Brockville, Ont.   | Chas. W. Merriman, Wis., C.      | 1,500   | Toronto, Ont.         | William L. Sewell, Ohio, C.       | 2,000   |
| Calcutta, India    | R. F. Patterson, Tenn., C. G.    | 5,000   | Trinidad, W. I.       | Alvin Smith, Ohio, C.             | 2,000   |
| Camp't'n, N. B.    | Jas. S. Benedict, N. Y., C. A.   | Fees.   | Vancover, B. C. L.    | Edwin Dudley, Mass., C.           | 2,000   |
| Cape Town          | James G. Stowe, Mo., C. G.       | 3,000   | Victoria, B. C.       | Abraham E. Smith, Ill., C.        | 2,500   |
| Cardiff, Wales     | Daniel T. Phillips, Ill., C.     | 2,000   |                       |                                   |         |
| Ceylon             | William Morey, Me., C.           | 1,500   |                       |                                   |         |
| Charlottetown      | P. E. I.                         | 1,500   |                       |                                   |         |
|                    | Delmar J. Vail, Vt., C.          | 1,500   |                       |                                   |         |

## DIPLOMATIC AND CONSULAR SERVICE—Continued.

|  |         |  |  |
|--|---------|--|--|
| Wellington, N.Z. John Duncan, Agt. ....                        |         |  |  |
| Windsor, N. S. Joseph T. Hoke, W. Va., C. ....                 | \$1,000 |  |  |
| Windsor, Ont. .... Hugh C. Morris, Mich., C. ....              | 1,500   |  |  |
| Winnipeg, Man. Wm. H. H. Graham, Ind., C. ....                 | 1,500   |  |  |
| Woodst'k, N. B. Frank C. Denison, Vt., C. ....                 | 1,500   |  |  |
| Yarmouth, N.S. Radcliffe H. Ford, Me., C. ....                 | 1,500   |  |  |
| <i>Greece.</i>   |         |  |  |
| Athens..... Daniel E. McGinley, Wis., C. ....                  | 2,500   |  |  |
| Patras..... Alonzo C. Yates, Va., C. ....                      | 1,000   |  |  |
| <i>Guatemala.</i>  |         |  |  |
| Guatemala ..... James C. McNally, Pa., C. G. ....              | 2,000   |  |  |
| <i>Haiti.</i>  |         |  |  |
| Aux Cayes..... H. E. Roberts, Hayti, Agt. ....                 |         |  |  |
| Cape Haytien... Lem. W. Livingston, Fla., C. ....              | 1,000   |  |  |
| Jacmel..... Jean B. Vital, Hayti, Agt. ....                    |         |  |  |
| Port au Prince. John B. Terres, Hayti, V. C. G. Fees. ....     |         |  |  |
| <i>Hawaii.</i>   |         |  |  |
| Honolulu..... Wm. Haywood, D. C., C. G. ....                   | 4,000   |  |  |
| <i>Honduras.</i>   |         |  |  |
| Tegucigalpa... Fred'k H. Allison, N. Y., C. ....               | 2,000   |  |  |
| Utila ..... Benj. Johnson, Iowa, C. ....                       | 1,000   |  |  |
| <i>Italy.</i>  |         |  |  |
| Bologna..... Carlo Gardini, Italy, Agt. ....                   |         |  |  |
| Catania..... Alex. Heingartner, Ohio, C. ....                  | 1,500   |  |  |
| Civita Vecchia. A. Marsania, Agt. ....                         |         |  |  |
| Florence..... Edward C. Cramer, Wis., C. ....                  | 1,500   |  |  |
| Genoa..... James Fletcher, Iowa, C. ....                       | 1,500   |  |  |
| Leghorn..... James A. Smith, Vt., C. ....                      | 1,500   |  |  |
| Messina..... Charles M. Caughy, Md., C. ....                   | 1,500   |  |  |
| Milan..... William Jarvis, N. H., C. ....                      | 1,500   |  |  |
| Naples..... A. Homer Byington, Ct., C. ....                    | 2,000   |  |  |
| Palermo..... Church Howe, Neb., C. ....                        | 2,060   |  |  |
| Rome..... Hector de Castro, N. Y., C. G. ....                  | 3,000   |  |  |
| San Remo..... Albert Ameglia, Agt. ....                        |         |  |  |
| Sorrento..... Adolph G. Studer, Italy, Agt. ....               |         |  |  |
| Turin..... Percy McElrath, N. Y., C. ....                      | 1,000   |  |  |
| Venice..... Henry A. Johnson, D. C., C. ....                   | 1,500   |  |  |
| <i>Japan.</i>  |         |  |  |
| Nagasaki..... Charles B. Harris, Ind., C. ....                 | 3,000   |  |  |
| Osaka & Hiogo. Samuel S. Lyon, N. J., C. ....                  | 3,000   |  |  |
| Tamsui, Formo. Jas. W. Davidson, Minn., C. ....                | 1,500   |  |  |
| Yokohama.... John F. Gowey, Wash., C. G. ....                  | 4,000   |  |  |
| <i>Korea.</i>  |         |  |  |
| Seoul..... Horace N. Allen, Ohio, C. G. ....                   | 7,500   |  |  |
| <i>Liberia.</i>  |         |  |  |
| Monrovia..... Owen L. W. Smith, N. C., C. G. ....              | 4,000   |  |  |
| <i>Mexico.</i>   |         |  |  |
| Acapulco..... Geo. W. Dickinson, N. Y., C. ....                | 2,000   |  |  |
| Chihuahua.... William W. Mills, Tex., C. Fees. ....            |         |  |  |
| Ciudad Porfirio  |         |  |  |
| Diaz..... Chas. P. Snyder, W. Va., C. ....                     | 2,000   |  |  |
| Durango..... Walter H. Faulkner, Tex., C. Fees. ....           |         |  |  |
| Matamoras... P. Merrill Griffith, Ohio, C. ....                | 1,500   |  |  |
| Mazatlan..... Louis Kaiser, Ill., C. ....                      | 1,500   |  |  |
| Mexico..... Andrew D. Barlow, Mo., C. G. ....                  | 4,000   |  |  |
| Montrexy..... Philip C. Hanna, Iowa, C. G. ....                | 3,500   |  |  |
| Nuevo Laredo. Robt. Butler Mahone, Va., C. ....                | 1,500   |  |  |
| Progreso..... E. H. Thompson, Mass., C. ....                   | 1,500   |  |  |
| Saltillo..... Chas. Burr Towle, N. H., C. Fees. ....           |         |  |  |
| Tampico..... Samuel E. Macill, Ill., C. ....                   | 2,000   |  |  |
| Vera Cruz..... William W. Canada, Ind., C. ....                | 3,000   |  |  |
| <i>Morocco.</i>  |         |  |  |
| Tangier..... S. R. Gummere, N. J., C. G. ....                  | 2,000   |  |  |
| <i>Netherlands and Dominions.</i>                              |         |  |  |
| Amsterdam... Frank D. Hill, Minn., C. ....                     | 1,500   |  |  |
| Batavia, Java. S. S. B. Everett, Mass., C. ....                | 1,000   |  |  |
| Curaçao, W. I. Elias H. Cheney, N. H., C. ....                 | 2,000   |  |  |
| Rotterdam... Soren Listoe, Minn., C. ....                      | 2,000   |  |  |
| St. Martin, W. I. Diederic C. Van Romondt, St. Martin, C. .... | Fees.   |  |  |
| <i>Nicaragua.</i>  |         |  |  |
| Managua..... Chester Donaldson, N. Y., C. ....                 | 2,000   |  |  |
| San Juan del Norte..... William B. Sorsby, Miss., C. ....      | 2,500   |  |  |
| <i>Paraguay.</i>   |         |  |  |
| Asuncion..... John N. Ruffin, Tenn., C. ....                   | 1,500   |  |  |
| <i>Persta.</i>   |         |  |  |
| Teheran..... H. W. Bowen, N. Y., C. G. ....                    | 5,000   |  |  |
| <i>Peru.</i>   |         |  |  |
| Callao..... William B. Dickey, La., C. ....                    | 3,500   |  |  |
| Truxillo..... Edward Gottfried, Peru, Agt. ....                |         |  |  |
| <i>Portugal and Dominions.</i>                                 |         |  |  |
| Fayal..... M. Benarus, Azores, Agt. ....                       |         |  |  |
| Funchal, Mad. Thomas C. Jones, Ky., C. ....                    | \$1,500 |  |  |
| Lisbon..... Jacob H. Thieriot, N. Y., C. Fees. ....            |         |  |  |
| Lourenço Mar. W. Stanley Hollis, Mass., C. ....                | 2,000   |  |  |
| Oporto..... William Stuve, Port., Agt. ....                    |         |  |  |
| St. Michael's... Geo. H. Pickereil, Ohio, C. ....              | 1,500   |  |  |
| St. Vincent.... J. B. Guimares, C. V. I., Agt. ....            |         |  |  |
| <i>Roumania.</i>   |         |  |  |
| Bucharest..... W. G. Boxshall, Rou., V. C. G. ....             |         |  |  |
| <i>Russia.</i>   |         |  |  |
| Batum..... Jas. C. Chambers, N. Y., C. ....                    | Fees.   |  |  |
| Cronstadt..... Peter Wigius, Agt. ....                         |         |  |  |
| Ielsingfors... Victor Bk. Russia, V. C. ....                   | Fees.   |  |  |
| Moscow..... Thomas Smith, N. J., C. ....                       | Fees.   |  |  |
| Odessa..... Thos. E. Heenan, Minn., C. ....                    | 2,000   |  |  |
| Riga..... N. P. A. Bornholdt, Russia, C. Fees. ....            |         |  |  |
| St. Petersburg. Wm. R. Holloway, Ind. C. G. ....               | 3,000   |  |  |
| Vladivostock... Rich. T. Greener, N. Y., C. A. ....            | 2,500   |  |  |
| Warsaw..... Joseph Rawicz, Russia, C. A. Fees. ....            |         |  |  |
| <i>Salvador.</i>   |         |  |  |
| San Salvador.. John Jenkins, Neb., C. ....                     | 2,000   |  |  |
| <i>Samoa.</i>  |         |  |  |
| Apia..... Luther W. Osborn, Neb., C. G. ....                   | 3,000   |  |  |
| <i>Siam.</i>   |         |  |  |
| Bangkok..... Hamilton King, Mich., C. G. ....                  | 5,000   |  |  |
| <i>South African Republic.</i>                                 |         |  |  |
| Bloemfontein. Alfred Elliott, O. F. S., Agt. ....              |         |  |  |
| Johannesburg... Wm. D. Gordon, Ill., Agt. ....                 |         |  |  |
| Pretoria..... Adalbert Hay, Ohio, C. ....                      | 2,000   |  |  |
| <i>Spain and Dominions.</i>                                    |         |  |  |
| Alicante..... H. W. Carey, Spain, V. C. ....                   | Fees.   |  |  |
| Barcelona..... Julius G. Lay, D. C. C. G. ....                 | 3,000   |  |  |
| Bilbao..... Carlos Yensen, Spain, Agt. ....                    |         |  |  |
| Cadiz..... John Howell Carroll, Md., C. ....                   | 1,500   |  |  |
| Cartagena..... Joseph Bowron, Spain, C. ....                   | Fees.   |  |  |
| Corunna..... Julius Harmony, N. Y., C. ....                    | Fees.   |  |  |
| Madrid..... Dwight T. Reed, N. Y., V. C. Fees. ....            |         |  |  |
| Malaga..... R. M. Bartleman, Mass., C. ....                    | 1,500   |  |  |
| Seville..... Sam. B. Caldwell, N. Y., Agt. ....                |         |  |  |
| Valencia..... H. L. Washington, Tex., C. ....                  | 1,500   |  |  |
| Teneriffe..... Solomon Berliner, N. Y., C. Fees. ....          |         |  |  |
| <i>Sweden and Norway.</i>                                      |         |  |  |
| Bergen..... Victor E. Nelson, Cal., C. ....                    | Fees.   |  |  |
| Christiania... Henry Bordewich, Minn., C. ....                 | 1,000   |  |  |
| Gothenburg... Robt. S. S. Bergh, N. Dak., C. ....              | 1,500   |  |  |
| Stockholm.... Edw'd D. Winslow, Ill., C. G. ....               | 1,500   |  |  |
| <i>Switzerland.</i>  |         |  |  |
| Aarau..... Henry H. Morgan, La., C. ....                       | 2,000   |  |  |
| Basel..... George Gifford, Me., C. ....                        | 3,000   |  |  |
| Berne..... A. L. Frankenthal, Mass., C. ....                   | 1,500   |  |  |
| Geneva..... Benj. H. Ridgely, Ky., C. ....                     | 1,500   |  |  |
| St. Gall..... James T. DuBois, Pa., C. G. ....                 | 3,000   |  |  |
| Vevey..... Wm. Cuènon, Switz., Agt. ....                       |         |  |  |
| Zurich..... Adam Lieberknecht, Ill., C. ....                   | 2,000   |  |  |
| <i>Tonga.</i>  |         |  |  |
| Nukualofa.... Luther W. Osborn, Neb., C. G. ....               |         |  |  |
| <i>Turkey and Dominions.</i>                                   |         |  |  |
| Alexandretta. Wm. Ross Davis, Ohio, C. ....                    | 1,500   |  |  |
| Alexandria... James Hewat, Egypt, Agt. ....                    |         |  |  |
| Beirut, Syria. Gab. Bie Raynal, S. Dak., C. ....               | 2,000   |  |  |
| Cairo..... John G. Long, Fla., C. G. ....                      | 5,000   |  |  |
| Constantinople. C. M. Dickinson, N. Y., C. G. ....             | 3,000   |  |  |
| Damascus..... Nasif Meshaka, Syria, Agt. ....                  |         |  |  |
| Erzeroum..... Leo Bergholz, N. Y., C. ....                     | 2,000   |  |  |
| Jerusalem... Selah Merrill, Mass., C. ....                     | 2,500   |  |  |
| Port Said..... Samuel G. Broadbent, Agt. ....                  |         |  |  |
| Salonica..... P. H. Lazzaro, Agt. ....                         |         |  |  |
| Smyrna..... Rufus W. Lane, Ohio, C. ....                       | 2,500   |  |  |
| Suez..... Alfred W. Hayden, Agt. ....                          |         |  |  |
| Trebizond.... H. Z. Longworth, Agt. ....                       |         |  |  |
| Tripoli..... Ira Harris, Agt. ....                             |         |  |  |
| <i>Uruguay.</i>  |         |  |  |
| Colonia..... Benj. D. Manton, R. I., C. ....                   | Fees.   |  |  |
| Montevideo... Albert W. Swalm, Iowa, C. ....                   | 3,000   |  |  |
| <i>Venezuela.</i>  |         |  |  |
| Caracas..... Fred'k De Sola, U. S., Agt. ....                  |         |  |  |
| La Guayra.... Louis Goldschmidt, N. H., C. ....                | 1,500   |  |  |
| Maracaibo.... E. H. Plumacher, Tenn., C. ....                  | 2,000   |  |  |
| Puerto Cabello. Luther T. Ellsworth, Ohio, C. ....             | 1,500   |  |  |
| <i>Zanzibar.</i>   |         |  |  |
| Zanzibar..... Robert E. Mansfield, Ind., C. ....               | 2,000   |  |  |

## Foreign Legations in the United States.

| COUNTRY.        | REPRESENTATIVES   | RANK.   |
|-----------------|---|---|
| Argentine Rep.  | Dr. Martín García Mórón.<br>Señor Antonio del Viso  | Envoy Extraordinary & Minister Plenipotentiary<br>First Secretary of Legation   |
| Austria-Hungary | Mr. L. Hengelmüller von Hengervar.<br>Baron Louis A. de Seden   | Envoy Extraordinary & Minister Plenipotentiary<br>Attaché.  |
| Belgium         | Count G. de Lichtervelde.<br>M. Georges Allart  | Envoy Extraordinary & Minister Plenipotentiary<br>Counselor of Legation.  |
| Bolivia         | Señor Luis Paz  | Envoy Extraordinary & Minister Plenipotentiary  |
| Brazil          | Senhor J. F. de Assis Brasil.<br>Senhor Manoel de Oliveira Lima   | Envoy Extraordinary & Minister Plenipotentiary<br>First Secretary of Legation.  |
| Chile           | Señor Don Carlos M. Vicuña<br>Señor Don Elijodoro Infante<br>Señor Don Manuel Balmaceda   | Envoy Extraordinary & Minister Plenipotentiary<br>First Secretary.<br>Second Secretary.   |
| China           | Mr. Wu Ping-fang.<br>Mr. Shen Tung.<br>Mr. Chow Tsz-chi.<br>Mr. Chwang Hai-Kwan   | Envoy Extraordinary & Minister Plenipotentiary<br>First Secretary of Legation.<br>Second Secretary of Legation.<br>Second Secretary of Legation.  |
| Colombia        | Señor Don Climeaco Calderon.<br>Señor Don L. Cuervo Marquez   | Envoy Extraordinary & Minister Plenipotentiary<br>Sec of Legation and Chargé d' Affaires <i>ad interim</i>  |
| Costa Rica      | Señor Don Joaquín Barnardo Calvo  | Minister Resident.  |
| Denmark         | Mr. Constantine Bruun   | Envoy Extraordinary & Minister Plenipotentiary  |
| Dominican Rep.  | Señor A. Wos y Gil  | Chargé d' Affaires.   |
| Ecuador         | Señor Don Luis F. Carbo   | Envoy Extraordinary & Minister Plenipotentiary  |
| France          | M. Jules Cambon.<br>M. Eugene Thibaut.<br>M. Olivier Taigny.<br>Capt. P. Vignal<br>M. Jules Bœufvé  | Ambassador Extraordinary and Plenipotentiary<br>First Secretary and Chargé d' Affaires <i>ad interim</i><br>Second Secretary.<br>Military Attaché.<br>Chancellor.                                     |
| German Empire.  | Herr von Holleben.<br>Freiherr Speck von Sternburg.<br>Count von Hacke<br>Dr. Von Bohlen und Halbach.<br>Baron Beno von Herman  | Ambassador Extraordinary and Plenipotentiary<br>Counselor of Legation.<br>Second Secretary.<br>Second Secretary.<br>Attaché.  |
| Great Britain   | Sir J. Pauncelote, G. C. B., G. C. M. G.<br>Mr. Gerard A. Lowther.<br>Mr. Reginald Tower.<br>Mr. W. G. Max-Muller.<br>Mr. C. N. E. Elliot, C. B.<br>Capt. Charles L. Ottley, R. N.<br>Lieut.-Col. A. H. Lee | Ambassador Extraordinary and Plenipotentiary<br>First Secretary of Embassy<br>Second Secretary<br>Second Secretary of Embassy.<br>Second Secretary of Embassy.<br>Naval Attaché.<br>Military Attaché. |
| Guatemala       | Señor Don Antonio Lazo Arriaga.<br>Dr. Don Joaquin Yela   | Envoy Extraordinary & Minister Plenipotentiary<br>Secretary of Legation.  |
| Haiti           | Mr. J. N. Léger   | Envoy Extraordinary & Minister Plenipotentiary  |
| Italy           | Baron de Fava.<br>Count Vinci.<br>Signor Camillo Romano.<br>Duke Gaetano C. Caracciolo  | Ambassador Extraordinary and Plenipotentiary<br>First Sec. of Embassy and Chargé d' Affaires <i>ad int</i><br>Second Secretary of Embassy<br>Attaché.   |
| Japan           | Mr. Jutaro Komura.<br>Mr. Tsune Jiro Nakagawa.<br>Mr. Durham White Stevens.<br>Mr. Mitsuho Funakoshi  | Envoy Extraordinary & Minister Plenipotentiary<br>First Secretary.<br>Counselor of Legation.<br>Third Secretary   |
| Korea           | Mr. Chin Pom Ye.<br>Mr. Tam E. Ye   | Envoy Extraordinary & Minister Plenipotentiary<br>Secretary of Legation.  |
| Mexico          | Señor Manuel Azpiroz.<br>Señor Don José F. Godoy<br>Señor Don Enrique Santibañez.<br>Señor Don Rodrigo de Azpiroz   | Ambassador Extraordinary and Plenipotentiary<br>First Secretary of Legation.<br>Second Secretary.<br>Third Secretary.   |
| Netherlands     | Mr. G. de Weckerlin   | Envoy Extraordinary & Minister Plenipotentiary  |
| Portugal        | Viscount de Santo-Thyrso  | Envoy Extraordinary & Minister Plenipotentiary  |
| Russia          | Comte Cassini.<br>Mr. de Wollant.<br>Mr. Alexander Zelenoy.<br>Baron Fersen.<br>Mr. M. Rontkowsky   | Ambassador Extraordinary and Plenipotentiary<br>First Sec. of Legation & Chargé d' Affaires <i>ad int</i> .<br>Second Secretary.<br>Military and Naval Agent.<br>Financial Attaché.                   |
| Siam            | Phya Prasiddhi.<br>Mr. Frederick W. Verney  | Envoy Extraordinary & Minister Plenipotentiary<br>Counselor of Legation.  |
| Spain           | Duke of Aros.<br>Señor Don Juan Riaro.<br>Señor Don Luis Pastor   | Envoy Extraordinary & Minister Plenipotentiary<br>First Secretary of Legation.<br>Second Secretary of Legation.   |
| Sweden & Norway | Mr. J. A. W. Grip.<br>Mr. G. V. T. de Strale  | Envoy Extraordinary & Minister Plenipotentiary<br>Secretary of Legation.  |
| Switzerland     | Mr. J. B. Ploda.<br>Mr. Walter Dencher  | Envoy Extraordinary & Minister Plenipotentiary<br>Sec. of Legation and Chargé d' Affaires <i>ad interim</i>   |
| Turkey          | Ali Ferrough Bey.<br>A. Rustem Bey  | Envoy Extraordinary & Minister Plenipotentiary<br>First Sec. of Legation & Chargé d' Affaires <i>ad int</i> .   |
| Venezuela       | Señor Don Augusto F. Pulido   | Chargé d' Affaires <i>ad interim</i> .  |

## Foreign Consuls in the United States.

(For Foreign Consuls in the City of New York consult Index.)

C. G., Consul-General; C., Consul; V. C., Vice-Consul; C. A., Consular Agent.

### ARGENTINE REPUBLIC.

Ala., Mobile, Manuel S. Macias, C.  
 Cal., San Francisco, Wenceslao Loaiza, C.  
 Ga., Savannah, Andrés E. Moyuelo, V. C.  
 Ill., Chicago, F. L. Hudson, C.  
 La., New Orleans, Juan O. Bigelow, C.  
 Me., Bangor, J. Sweet Rowe, V. C.  
 Md., Baltimore, Federico E. Muller, C.  
 Mass., Boston, Guillermo McKissock, C.  
 Pa., Philadelphia, Guillermo P. Wilson, C.  
 Va., Norfolk, Guillermo Klyver, V. C.

### AUSTRIA-HUNGARY.

Ala., Mobile, W. F. Stutz, C. G.  
 Cal., San Francisco, Francis Korbel, C.  
 Fla., Pensacola, H. Baars, V. C.  
 Ga., Savannah, Edward Karow, V. C.  
 Ill., Chicago, Maximilianus a. Proskowetz, C.  
 La., New Orleans, Franz Hindermann, C.  
 Md., Baltimore, Ch. A. Martin, C.  
 Mass., Boston, Arthur Donner, C.  
 Mo., St. Louis, Ferdinand Diehm, C.  
 Pa., Philadelphia, Alfred J. Ostheimer, C.  
 Pa., Pittsburgh, Thomas Dessewffy, C.  
 S. C., Charleston, Charles Witte, V. C.  
 Tex., Galveston, John Reymershofer, V. C.  
 Wis., Milwaukee, Anton G. Veith, V. C.

### BELGIUM.

Ala., Mobile, Robert B. du Mont, C.  
 Cal., San Francisco, Leon Guislain, C.  
 Col., Denver, J. Mignolet, C.  
 Ga., Atlanta, Laurent de Give, C.  
 Ga., Savannah, Leopold Charrier, C.  
 Ill., Chicago, Ch. Henrotin, C.  
 Ky., Louisville, E. Girard, C.  
 La., New Orleans, A. J. Landauer, C.  
 Md., Baltimore, Arnold Kummer, C.  
 Mass., Boston, E. S. Mansfield, C.  
 Mich., Detroit, Théophile François, C.  
 Pa., Philadelphia, Paul Hagemans, C. G.  
 S. C., Charleston, E. Wells, C.  
 Va., Richmond, W. O. Nolting, C.

### BOLIVIA.

Cal., San Francisco, Belisario Melo, C.  
 Mass., Boston, W. H. Bowdlear, C.  
 Pa., Philadelphia, Wilfred H. Schoff, Hon. C.

### BRAZIL.

La., New Orleans, Charles Dittman, V. C.  
 Md., Baltimore, Antonio C. de Magalhães, V. C.  
 Mo., St. Louis, Afonso de Figueiredo, V. C.  
 Pa., Philadelphia, John Mason, Jr., V. C.  
 S. C., Charleston, Charles F. Huchet, V. C.

### CHILE.

Cal., San Francisco, Juan M. Astorga Pereira, C.  
 Ill., Chicago, M. J. Steffens, V. C.  
 La., New Orleans, James S. Zacharie, C.  
 Md., Baltimore, R. G. Leopold, C.  
 Mass., Boston, Horacio N. Fisher, C.  
 Pa., Philadelphia, W. P. Wilson, C.

### CHINA.

Cal., San Francisco, Ho Yow, C. G.  
 Cuba, Havana, Chang Yin-lung, C. G.  
 Hawaiian Islands, Honolulu, Yang Wei-pin, C. G.  
 Philippines, Manila, Li Lung-yew, C. G.

### COLOMBIA.

Ill., Chicago, Erskine M. Phelps, C.  
 Mo., St. Louis, J. Arbuckle, C.

### COSTA RICA.

Cal., San Francisco, Rafael Gallegos, C. G.  
 Ill., Chicago, Berthold Singer, C.  
 La., New Orleans, Lmar C. Quintero, C. G.  
 Md., Baltimore, William A. Riordan, C.  
 Mass., Boston, Joseph J. Corbett, C.  
 Pa., Philadelphia, Gustavo Niederlein, C.

### DENMARK.

Ala., Mobile, W. H. Leinlauf, V. C.  
 Cal., San Francisco, H. H. Birkholm, C.  
 Cuba, Havana, Thorwald Christiansen Culmell, C.  
 Ga., Savannah, J. B. Holst, V. C.  
 Ill., Chicago, Christian H. Hansson, C.  
 Kan., Kansas City, Jap Hansen Malland, V. C.  
 Ky., Louisville, Charles E. Currie, C.  
 La., New Orleans, Dr. O. R. Langg, C.

Md., Baltimore, Morris Whitridge, V. C.  
 Mass., Boston, Gustaf Lundberg, C.  
 Mich., Detroit, Peter Sörensen, V. C.  
 Minn., Rush City, F. Sneedorf Christensen, V. C.  
 Mo., St. Louis, Christian Hedegaard, V. C.  
 O., Cleveland, William Secher, V. C.  
 Ore., Portland, Borge Kringselbach, V. C.

### DOMINICAN REPUBLIC.

Fla., Jacksonville, Diego M. de Moya, V. C.  
 Mass., Boston, Edwin M. Fowie, C. A.  
 Pa., Philadelphia, Thomas B. Wanamaker, C.  
 Porto Rico, San Juan, Washington Lithgow, C. G.

### ECUADOR.

Cal., San Francisco, Luis F. La-treto, C.  
 Ill., Chicago, Luis Millet, C.  
 Mass., Boston, Gustavo Preston, C.  
 Pa., Philadelphia, Cassius A. Green, C.

### FRANCE.

Ala., Mobile, Jean Marqués, C. A.  
 Cal., San Francisco, Adolphe Aimé Louis Gabriel  
 Denis de Trobriand, C.  
 Ga., Savannah, F. Chastanet, V. C.  
 Hawaiian Islands, Honolulu, Joseph Pollio, C.  
 Ill., Chicago, Henri Antoine Joseph Mérou, C.  
 Ky., Louisville, Michel Herman, C. A.  
 La., New Orleans, Adrien C. Laurent-Cochelet, C.  
 Me., Portland, Ernest de Beaufort Le Prohon, C. A.  
 Md., Baltimore, Léonce Rabillon, C. A.  
 Mass., Boston, Duncan Bally Blanchard, C. A.  
 Mich., Detroit, Joseph Belanger, C. A.  
 Minn., St. Paul, François Célestin Boucher, C. A.  
 Mo., St. Louis, Louis Seguenot, C. A.  
 O., Cincinnati, Auguste L. A. Fredin, C. A.  
 Ore., Portland, Charles Henri Labbé, C. A.  
 Pa., Philadelphia, Edouard Pesoli, C.  
 Tex., Galveston, James Alexandre Dupas, V. C.  
 Wash., Seattle, Adrien Monod, C. A.

### GERMANY.

Ala., Mobile, E. Holzborn, C.  
 Cal., San Francisco, Adolph Rosenthal, C. G.  
 Cal., San Francisco, Oswald Lohan, V. C.  
 Cuba, Cienfuegos, Frederick W. Hinicke, V. C.  
 Cuba, Havana, August von Brück, C.  
 Cuba, Santiago, C. William Schumann, C.  
 D. C., Washington, Gustave Dittmar, C. A.  
 Ga., Savannah, Jacob Rainers, C.  
 Hawaiian Islands, Honolulu, J. F. Hackfeld, C.  
 Ill., Chicago, Karl Bünz, C.  
 La., New Orleans, E. von Meysenbug, C.  
 Md., Baltimore, Georg A. von Lingen, C.  
 Mass., Boston, Arthur J. Donner, C.  
 Mo., St. Louis, Karl Fromman, C.  
 N. C., Wilmington, George L. Peschau, C.  
 O., Cincinnati, Karl Pollier, C.  
 Ore., Portland, Carl von Wintzingerode, C.  
 Pa., Philadelphia, Mr. Marheinecke, C.  
 S. C., Charleston, Charles Otto Witte, C.  
 Tex., Galveston, Julius Runge, C.  
 Va., Richmond, Adolph Osterloh, C.  
 Wash., Tacoma, Hans Giese, C.

### GREAT BRITAIN.

Ala., Mobile, Arthur Shirley Benn, V. C.  
 Cal., San Francisco, Wm. Clayton Pickersgil, C. G.  
 Cuba, Havana, L. E. G. Carden, C. G.  
 Fla., Jacksonville, Edward Sudlow, V. C.  
 Ga., Savannah, Alexander Harkness, V. C.  
 Hawaiian Islands, Honolulu, William R. Hoare, C.  
 Ill., Chicago, William Wyndham, C.  
 La., New Orleans, Arthur Vansittart, C.  
 Me., Portland, John Bernard Keating, V. C.  
 Md., Baltimore, Gilbert Fraser, C.  
 Minn., St. Paul, Edward H. Morphy, V. C.  
 Mo., St. Louis, Western Bascome, V. C.  
 Neb., Omaha, Mathew Alexander Hall, V. C.  
 Ore., Portland, James Laird, C.  
 Pa., Philadelphia, Wilfred Powell, C.  
 Philippines, Manila, S. H. Harford, C.  
 Philippines, Cebu, J. N. Sledbottom, V. C.  
 Porto Rico, San Juan, Wm. B. Churchwood, C.  
 R. I., Providence, George A. Stockwell, V. C.  
 S. C., Charleston, H. W. Russell de Coëtlogon, C.  
 Tex., Galveston, Horace Dickinson Nugent, C.

FOREIGN CONSULS IN THE UNITED STATES—Continued.

Va., Richmond, Phillip Arthur Sherard Brine, V. C.  
 Wash., Seattle, Bernard Pelly, V. C.

GREECE.

Cal., San Francisco, Auguste Goustiaux, C.  
 Ill., Chicago, Charles Hutchinson, C. G.  
 Mass., Boston, Demosthenes Th. Timayenis, C.

GUATEMALA.

Cal., San Francisco, Felipe Galicia, C. G.  
 Ill., Chicago, George F. Stone, Hon. C.  
 Mass., Boston, Benjamin Preston Clark, Hon. C.  
 Mo., St. Louis, L. D. Kingsland, Hon. C. G.

HAYTI.

Ala., Mobile, Jean Marqués, V. C.  
 Ga., Savannah, T. B. Harris, V. C.  
 Ill., Chicago, Cuthbert Singleton, C.

HONDURAS.

Cal., San Francisco, Eustorgio Calderón, C. G.  
 Ill., Chicago, George F. Stone, C. G.  
 La., New Orleans, Mónico Córdova, C. G.  
 Md., Baltimore, C. Morton Stewart, Jr., C. G.

ITALY.

Cal., San Francisco, Francesco B. Grimaldi, C. G.  
 Cuba, Havana, Biagio Torrielli, C.  
 D. C., Washington, Carlo Filippo Eysmans, V. C.  
 Hawaiian Islands, Honolulu, F. A. Schaefer, C.  
 Ill., Chicago, Antonio Ladislao Rozwadowski, C.  
 Ky., Louisville, Giuseppe Cuneo, C. A.  
 La., New Orleans, Carlo Magenta, C. A.  
 Md., Baltimore, Prospero Schiaffino, C. A.  
 Mass., Boston, Rocco Brindisi, C. A.  
 Mo., St. Louis, Domenico Ginocchio, C. A.  
 Pa., Philadelphia, Anselo dall' Aste Brandolini, V. C.  
 Pa., Pittsburgh, Giuseppe Natali, C. A.  
 S. C., Charleston, Giovanni Sottile, C. A.  
 Va., Richmond, Armin Pollak, C. A.

JAPAN.

Cal., San Francisco, Mutsu Hirokichi, C.  
 Hawaiian Islands, Honolulu, Saitow Miki, C.  
 Ill., Chicago, Fujita Toshio, C.  
 La., New Orleans, John Walker Phillips, Hon. C.  
 Pa., Philadelphia, Alfred J. Ostheimer, C.  
 Tex., Galveston, Robert Bornefeld, C.  
 Wash., Tacoma, Hayashi Sotokichi, C.

LIBERIA.

D. C., Washington, H. M. Turner, C.  
 Mass., Boston, Charles Hall Adams, C. G.  
 Pa., Philadelphia, Thomas J. Hunt, V. C.

MEXICO.

Cal., San Francisco, Alejandro K. Coney, C. G.  
 Ill., Chicago, Felipe Berriozábal, C.  
 La., New Orleans, Anselmo de la Portilla, C.  
 Md., Baltimore, José V. Dosal, C.  
 Mass., Boston, Arturo P. Cushing, C.  
 Mo., St. Louis, Rafael P. Serrano, C.  
 Pa., Philadelphia, Ernesto Subikurski, C.  
 Tex., Galveston, Enrique C. Llorente, C.

NETHERLANDS.

Cal., San Francisco, P. J. van Löben Sels, C.  
 Cuba, Havana, C. Arnoldson, C.  
 Ill., Chicago, G. Birkhoff, Jr., C.  
 La., New Orleans, A. Schreiber, C.  
 Md., Baltimore, Claas Vocke, C.  
 Mass., Boston, C. V. Dasey, C.  
 Mo., St. Louis, B. B. Haagsma, C.  
 O., Cincinnati, F. Matt, C.  
 Pa., Philadelphia, Arnold Katz, V. C.

NICARAGUA.

Cal., San Francisco, Luis F. Lastreto, C.  
 Ill., Chicago, George F. Stone, C. G.  
 La., New Orleans, Mónico Córdova, C. G.  
 Pa., Philadelphia, C. A. Green, C.  
 Tex., Galveston, A. Ferrler, C.

PARAGUAY.

Cal., San Francisco, Petrus Justus van Löben Sels, C.  
 D. C., Washington, John Stewart, C. G.

PERU.

Cal., San Francisco, Enrique Grau, C.  
 D. C., Washington, Clifford Stevens Waltou, C.  
 Ill., Chicago, Charles H. Sergel, C.  
 Mass., Boston, Mateo Crosby, C.  
 Pa., Philadelphia, Wilfredo H. Schoff, Hon. C.

PORTUGAL.

Cal., San Francisco, Ignacio R. da Costa Duarte, C.  
 Cuba, Havana, Manuel Gomez le Aranjó Barros, C.  
 Ill., Chicago, S. Chapman Simms, V. C.  
 La., New Orleans, Maurice Genereley, V. C.  
 Mass., Boston, Viscount de Valle da Costa, C.  
 Pa., Philadelphia, John Mason, Jr., V. C.

RUSSIA.

Cal., San Francisco, Wladimir Artzimovitch, C.  
 Ill., Chicago, Albert Schleppenbach, C.  
 La., New Orleans, R. H. Nestler, V. C.  
 Md., Baltimore, Charles Nitze, V. C.  
 Mass., Boston, Charles F. Wymam, V. C.  
 Pa., Philadelphia, William R. Tucker, V. C.  
 S. C., Charleston, Stephen R. Bell, V. C.

SALVADOR.

Cal., San Francisco, Eucarnacion Mejia, C. G.  
 SPAIN.

Cuba, Cienfuegos, Eduardo Alvarez y Gonzales, C.  
 Cuba, Havana, José Felipe Sagiario, C. G.  
 Cuba, Santiago, Joaquin Pereyca y Ferrau, C.  
 La., New Orleans, Pedro Solis y Arias, C.  
 Philippines, Manila, Luis Marinas y Lavaggi, C. G.  
 Porto Rico, San Juan, Celestino M. y Guivelalde, C.

SWEDEN AND NORWAY.

Cal., San Francisco, Knud H. Lund, C.  
 Ill., Chicago, J. R. Lindgren, V. C.  
 La., New Orleans, Pearl Wight, V. C.  
 Mass., Boston, Gjert Loots, V. C.  
 Minn., St. Paul, Engelbreth H. Hobe, V. C.  
 Mo., St. Louis, Alf. Alfred Essendrup, V. C.  
 Neb., Omaha, Emric M. Stenberg, V. C.  
 Pa., Philadelphia, J. N. Wallem, V. C.  
 S. C., Charleston, Carl Otto Witte, V. C.

SWITZERLAND.

Cal., San Francisco, Antoine Borel, C.  
 Ill., Chicago, Arnold Holinger, C.  
 Mo., St. Louis, Jacques Buif, C.  
 Pa., Philadelphia, R. Korradi, C.

TURKEY.

Cal., San Francisco, George E. Hall, C. G.  
 D. C., Washington, Dr. Schoenfeld, C. G.  
 Ill., Chicago, Charles Henrotin, C. G.  
 Mass., Boston, Mr. Ma'omber, Hon. C. G.

URUGUAY.

Ill., Chicago, Carlos C. Turner, C.  
 Mass., Boston, Arthur Carroll, V. C.  
 Pa., Philadelphia, Eduardo Fornias, C.

VENEZUELA.

Ill., Chicago, R. P. Gormully, Hon. C.  
 La., New Orleans, Alejandro Frias, C.  
 O., Cincinnati, Paul T. Walker, Hon. C.  
 Pa., Philadelphia, Regulo Lopez Baralt, C.

RATIO OF REPRESENTATION IN THE UNITED STATES HOUSE OF REPRESENTATIVES.

| From 1789 to 1793 | as provided by the United States Constitution | 1790 | 30,000  |
|-------------------|---|------|---------|
| 1793              | based on the United States Census of 1790     | 1790 | 33,000  |
| 1803              | " " " "                                       | 1800 | 33,000  |
| 1813              | " " " "                                       | 1810 | 35,000  |
| 1823              | " " " "                                       | 1820 | 40,000  |
| 1833              | " " " "                                       | 1830 | 47,700  |
| 1843              | " " " "                                       | 1840 | 70,680  |
| 1853              | " " " "                                       | 1850 | 93,420  |
| 1863              | " " " "                                       | 1860 | 127,381 |
| 1873              | " " " "                                       | 1870 | 131,425 |
| 1883              | " " " "                                       | 1880 | 151,912 |
| 1893              | " " " "                                       | 1890 | 173,901 |

### Party Divisions

IN THE HOUSE OF REPRESENTATIVES, 55TH AND 56TH CONGRESSES.

| STATES.            | FIFTY-FIFTH CONGRESS.* |      |      | FIFTY-SIXTH CONGRESS. |      |      | STATES.             | FIFTY-FIFTH CONGRESS.* |      |      | FIFTY-SIXTH CONGRESS. |      |      |
|--------------------|------------------------|------|------|-----------------------|------|------|---------------------|------------------------|------|------|-----------------------|------|------|
|                    | Dem.                   | Rep. | Pop. | Dem.                  | Rep. | Pop. |                     | Dem.                   | Rep. | Pop. | Dem.                  | Rep. | Pop. |
| Alabama.....       | 6                      | 1    | 1    | 6                     | 1    | 1    | Nevada.....         | 1                      | 1    | 1    | 1                     | 1    |      |
| Arkansas.....      | 6                      | 1    | 1    | 6                     | 1    | 1    | New Hampshire.....  | 1                      | 1    | 1    | 1                     | 1    |      |
| California.....    | 2                      | 3    | 3    | 1                     | 6    | 2    | New Jersey.....     | 2                      | 2    | 2    | 2                     | 2    |      |
| Colorado.....      | 2                      | 3    | 3    | 1                     | 6    | 2    | New York.....       | 5                      | 29   | 19   | 16                    | 16   |      |
| Connecticut.....   | 4                      | 4    | 4    | 4                     | 4    | 1    | North Carolina..... | 5                      | 5    | 7    | 7                     | 16   |      |
| Delaware.....      | 1                      | 1    | 1    | 1                     | 1    | 1    | North Dakota.....   | 1                      | 1    | 1    | 1                     | 1    |      |
| Florida.....       | 1                      | 2    | 2    | 2                     | 2    | 2    | Ohio.....           | 6                      | 15   | 6    | 15                    | 15   |      |
| Georgia.....       | 11                     | 11   | 11   | 11                    | 11   | 11   | Oregon.....         | 3                      | 2    | 10   | 20                    | 20   |      |
| Idaho.....         | 1                      | 1    | 1    | 1                     | 1    | 1    | Pennsylvania.....   | 3                      | 2    | 2    | 2                     | 2    |      |
| Illinois.....      | 1                      | 17   | 17   | 3                     | 14   | 9    | Rhode Island.....   | 1                      | 1    | 1    | 1                     | 1    |      |
| Indiana.....       | 4                      | 4    | 4    | 4                     | 4    | 4    | South Carolina..... | 1                      | 1    | 1    | 1                     | 1    |      |
| Iowa.....          | 11                     | 11   | 11   | 11                    | 11   | 11   | South Dakota.....   | 1                      | 1    | 1    | 1                     | 1    |      |
| Kansas.....        | 2                      | 2    | 2    | 2                     | 2    | 2    | Tennessee.....      | 1                      | 1    | 1    | 1                     | 1    |      |
| Kentucky.....      | 2                      | 2    | 2    | 2                     | 2    | 2    | Texas.....          | 12                     | 12   | 12   | 12                    | 12   |      |
| Louisiana.....     | 6                      | 6    | 6    | 6                     | 6    | 6    | Utah.....           | 1                      | 1    | 1    | 1                     | 1    |      |
| Maine.....         | 4                      | 4    | 4    | 4                     | 4    | 4    | Vermont.....        | 2                      | 2    | 2    | 2                     | 2    |      |
| Maryland.....      | 4                      | 4    | 4    | 4                     | 4    | 4    | Virginia.....       | 6                      | 2    | 10   | 2                     | 3    |      |
| Massachusetts..... | 1                      | 12   | 12   | 3                     | 10   | 12   | Washington.....     | 2                      | 2    | 1    | 1                     | 1    |      |
| Michigan.....      | 2                      | 10   | 10   | 7                     | 7    | 7    | West Virginia.....  | 1                      | 1    | 1    | 1                     | 1    |      |
| Minnesota.....     | 2                      | 7    | 7    | 7                     | 7    | 7    | Wisconsin.....      | 1                      | 10   | 1    | 10                    | 1    |      |
| Mississippi.....   | 12                     | 3    | 3    | 3                     | 3    | 3    | Wyoming.....        | 1                      | 1    | 1    | 1                     | 1    |      |
| Missouri.....      | 12                     | 3    | 3    | 3                     | 3    | 3    |                     |                        |      |      |                       |      |      |
| Montana.....       | 1                      | 1    | 1    | 1                     | 1    | 1    |                     |                        |      |      |                       |      |      |
| Nebraska.....      | 4                      | 2    | 2    | 2                     | 3    | 3    | Total.....          | 134                    | 206  | 164  | 164                   | 185  | 8**  |

\* As constituted at the beginning of the first session. † Including 15 members classed as Fusionists. ‡ Including 3 members classed as Silver party. † Colorado, one Populist, one Silver party. ‡ The Idaho and Nevada Representatives are classed as Silver party. \*\* Six Populists, 2 Silver party.

### PARTY DIVISIONS IN CONGRESS SINCE THE FORMATION OF THE REPUBLICAN PARTY IN 1856.

| CONGRESSES.  | YEARS.     | SENATE. |      |       |        |       | HOUSE OF REPRESENTATIVES. |      |       |        |        |
|--------------|------------|---------|------|-------|--------|-------|---------------------------|------|-------|--------|--------|
|              |            | Dem.    | Rep. | Amer. | Union. | Ind.  | Dem.                      | Rep. | Amer. | Union. | Ind.   |
| XXXV.....    | 1857-1859  | 39      | 20   | 5     | ..     | ..    | 131                       | 92   | 14    | ..     | ..     |
| XXXVI.....   | 1859-1861  | 38      | 26   | 2     | ..     | ..    | 101                       | 113  | 23    | ..     | ..     |
| XXXVII.....  | 1861-1863* | 10      | 31   | ..    | 2      | ..    | 42                        | 106  | ..    | 28     | ..     |
| XXXVIII..... | 1863-1865† | 9       | 36   | ..    | 5      | ..    | 75                        | 102  | ..    | ..     | 9      |
| XXXIX.....   | 1865-1867  | 11      | 41   | ..    | ..     | ..    | 40                        | 145  | ..    | ..     | ..     |
| XL.....      | 1867-1869  | 11      | 42   | ..    | ..     | ..    | 49                        | 143  | ..    | ..     | ..     |
| XLI.....     | 1869-1871  | 11      | 58   | ..    | ..     | ..    | 78                        | 151  | ..    | ..     | ..     |
| XLII.....    | 1871-1873  | 17      | 57   | ..    | ..     | ..    | 103                       | 138  | ..    | ..     | 16 ‡   |
| XLIII.....   | 1873-1875  | 20      | 47   | ..    | ..     | 7 †   | 92                        | 194  | ..    | ..     | 14 ‡   |
| XLIV.....    | 1875-1877  | 29      | 43   | ..    | ..     | 2 †   | 168                       | 107  | ..    | ..     | ..     |
| XLV.....     | 1877-1879  | 39      | 36   | ..    | ..     | 1 †   | 151                       | 142  | ..    | ..     | ..     |
| XLVI.....    | 1879-1881  | 44      | 32   | ..    | ..     | ..    | 148                       | 129  | ..    | ..     | 16 ‡   |
| XLVII.....   | 1881-1883  | 38      | 37   | ..    | ..     | 1 §   | 138                       | 146  | ..    | ..     | 10 ‡   |
| XLVIII.....  | 1883-1885  | 36      | 40   | ..    | ..     | ..    | 198                       | 124  | ..    | ..     | 1 ‡    |
| XLIX.....    | 1885-1887  | 34      | 42   | ..    | ..     | ..    | 204                       | 120  | ..    | ..     | 1 ‡    |
| L.....       | 1887-1889  | 37      | 39   | ..    | ..     | ..    | 168                       | 153  | ..    | ..     | 4 ‡    |
| LI.....      | 1889-1891  | 37      | 39   | ..    | ..     | ..    | 159                       | 166  | ..    | ..     | ..     |
| LII.....     | 1891-1893  | 39      | 47   | ..    | ..     | 2 ¶   | 236                       | 88   | ..    | ..     | 8 ¶    |
| LIII**       | 1893-1895  | 44      | 38   | ..    | ..     | 3 ¶   | 220                       | 126  | ..    | ..     | 8 ¶    |
| LIV.....     | 1895-1897  | 39      | 42   | ..    | ..     | 5 ¶   | 104                       | 246  | ..    | ..     | 7 ¶    |
| LV.....      | 1897-1899  | 34      | 46   | ..    | ..     | 10 †† | 134§§                     | 206  | ..    | ..     | 164 †† |
| LVI.....     | 1899-1901  | 25      | 51   | ..    | ..     | 14 †† | 164                       | 185  | ..    | ..     | 81 ††  |

Parties as constituted at the beginning of each Congress are given. These figures were liable to change by contests for seats, etc.

- \* During the Civil War most of the Southern States were unrepresented in Congress.
- † Liberal Republicans.
- ‡ Greenbackers.
- § David Davis, Independent, of Illinois.
- ¶ Two Virginia Senators were Readjusters, and voted with the Republicans.
- \*\* People's party, except that in the House of Representatives of the Fifty-fourth Congress one member is classed as Silver party.
- †† Three Senate seats were vacant (and continued so) and two Representative seats were unfilled (Rhode Island had not yet effected a choice) when the session began. Rhode Island subsequently elected two Republicans.
- ‡‡ Five Populists, two Silver party, three Independents. §§ Including fifteen members classed as Fusionists. ¶¶ Including three members classed as Silver party. There was one vacancy.
- §§ Five Populists, three Silver party.
- ¶¶ Four Populists, two Silver party, two Independents, two Fusionists, and four vacancies, which will probably be filled by Republicans.



The Fifty-sixth Congress.

BEGAN MARCH 4, 1899, AND ENDS MARCH 4, 1901.

SENATE.

President pro tempore..... William P. Frye, Rep., of Maine.

Secretary..... William R. Cox, Dem., of North Carolina.

| TERMS EXPIRE. | Sensors.            | Politics. | Post-Office Address. | Place of Birth.   | Year of Birth. | College.              | Year of Graduation. | Present Vocation. |
|---------------|---------------------|-----------|----------------------|-------------------|----------------|-----------------------|---------------------|-------------------|
|               | ALABAMA.            |           |                      |                   |                |                       |                     |                   |
| 1901          | John T. Morgan†     | D.        | Selma .....          | Tennessee .....   | 1824           | .....                 | .....               | Not stated        |
| 1903          | Edm'd W. Pettust.   | D.        | Selma .....          | Alabama .....     | 1811           | Clinton.....          | .....               | Lawyer            |
|               | ARKANSAS.           |           |                      |                   |                |                       |                     |                   |
| 1901          | James H. Berry†     | D.        | Bentonville ..       | Alabama .....     | 1841           | .....                 | .....               | Lawyer            |
| 1903          | James K. Jonest     | D.        | Washington ..        | Mississippi ..... | 1839           | .....                 | .....               | Lawyer            |
|               | CALIFORNIA.         |           |                      |                   |                |                       |                     |                   |
| 1903          | George C Perkins.   | R.        | Oakland .....        | Maine .....       | 1839           | .....                 | .....               | Merchant          |
| 1905          | A Republican.....   | .....     | .....                | .....             | .....          | .....                 | .....               | .....             |
|               | COLORADO.           |           |                      |                   |                |                       |                     |                   |
| 1901          | Edw. O. Wolcott†    | R.        | Denver .....         | Massachusetts..   | 1848           | Harvard Law School    | 1871                | Lawyer            |
| 1903          | Henry M. Teller.    | I.        | Central City ..      | New York .....    | 1830           | Alfred University...  | .....               | Lawyer            |
|               | CONNECTICUT.        |           |                      |                   |                |                       |                     |                   |
| 1903          | Orville H. Platt... | R.        | Meriden .....        | Connecticut ....  | 1837           | .....                 | .....               | Lawyer            |
| 1905          | Joseph R. Hawley†   | R.        | Hartford.....        | North Carolina.   | 1826           | Hamilton .....        | 1847                | Not stated        |
|               | DELAWARE.           |           |                      |                   |                |                       |                     |                   |
| 1901          | Richard R. Kenney   | D.        | Dover.....           | Delaware .....    | 1856           | .....                 | .....               | Lawyer            |
| 1905          | A Republican.....   | .....     | .....                | .....             | .....          | .....                 | .....               | .....             |
|               | FLORIDA.            |           |                      |                   |                |                       |                     |                   |
| 1903          | Steph. R. Mallory†  | D.        | Pensacola ...        | South Carolina.   | 1848           | Georgetown, D. C....  | 1869                | Lawyer            |
| 1905          | J. P. Taliaferro†   | D.        | Jacksonville..       | Virginia .....    | 1847           | .....                 | .....               | Bank Pres.        |
|               | GEORGIA.            |           |                      |                   |                |                       |                     |                   |
| 1901          | Augustus O. Bacon†  | D.        | Macon .....          | Georgia .....     | 1859           | Univ. of Georgia ...  | 1859                | Lawyer            |
| 1903          | Alex. S. Clay ..... | D.        | Marietta .....       | Georgia .....     | 1853           | Hiwassee (Pa.) .....  | 1875                | Lawyer            |
|               | IDAHO.              |           |                      |                   |                |                       |                     |                   |
| 1901          | George L. Shoup†    | R.        | Salmon City..        | Pennsylvania ..   | 1836           | .....                 | .....               | Not stated        |
| 1903          | Henry Heitfeld ..   | P.        | Lewiston .....       | Missouri .....    | 1859           | .....                 | .....               | Farmer            |
|               | ILLINOIS.           |           |                      |                   |                |                       |                     |                   |
| 1901          | Shelby M. Cullom..  | R.        | Springfield ...      | Kentucky .....    | 1829           | Rock River .....      | 1853                | Lawyer            |
| 1903          | William E. Mason.   | R.        | Chicago.....         | New York .....    | 1850           | Birmingham, Ia....    | .....               | Lawyer            |
|               | INDIANA.            |           |                      |                   |                |                       |                     |                   |
| 1903          | Chas. W. Fairbanks  | R.        | Indianapolis..       | Ohio .....        | 1852           | Ohio Wesleyan.....    | 1872                | Lawyer            |
| 1905          | Albert J. Beveridge | R.        | Indianapolis..       | Ohio .....        | 1862           | De Pauw University.   | .....               | Lawyer            |
|               | IOWA.               |           |                      |                   |                |                       |                     |                   |
| 1901          | John H. Gear .....  | R.        | Burlington ...       | New York .....    | 1825           | .....                 | .....               | Not stated        |
| 1903          | William B. Allison. | R.        | Dubuque .....        | Ohio .....        | 1829           | Western Reserve....   | .....               | Not stated        |
|               | KANSAS.             |           |                      |                   |                |                       |                     |                   |
| 1901          | Lucien Baker.....   | R.        | Leavenworth          | Ohio .....        | 1847           | .....                 | .....               | Lawyer            |
| 1903          | William A. Harris†  | P.        | Linwood .....        | Virginia .....    | 1841           | Columbian .....       | 1859                | Farmer            |
|               | KENTUCKY.           |           |                      |                   |                |                       |                     |                   |
| 1901          | William Lindsay†    | D.        | Frankfort ...        | Virginia .....    | 1395           | .....                 | .....               | Lawyer            |
| 1903          | William J. Deboe.   | R.        | Marion .....         | Kentucky .....    | 1849           | Ewing .....           | 1875                | Lawyer            |
|               | LOUISIANA.          |           |                      |                   |                |                       |                     |                   |
| 1901          | Donelson Caffery†   | D.        | Franklin .....       | Louisiana .....   | 1835           | St. Mary's, Md.....   | .....               | Lawyer            |
| 1903          | Sam. D. McEnery†    | D.        | New Orleans.         | Louisiana .....   | 1837           | Univ. of Virginia.... | .....               | Lawyer            |
|               | MAINE.              |           |                      |                   |                |                       |                     |                   |
| 1901          | William P. Frye.... | R.        | Lewiston .....       | Maine .....       | 1831           | Bowdoin .....         | 1850                | Lawyer            |
| 1905          | Eugene Hale .....   | R.        | Ellsworth .....      | Maine .....       | 1836           | .....                 | .....               | Lawyer            |
|               | MARYLAND.           |           |                      |                   |                |                       |                     |                   |
| 1903          | Geo. L. Wellington  | R.        | Cumberland..         | Maryland .....    | 1852           | .....                 | .....               | Railway Pres      |
| 1905          | Louis E. McComas    | R.        | Williamsport.        | Maryland .....    | 1846           | Dickinson .....       | 1866                | Lawyer            |
|               | MASSACHUSETTS.      |           |                      |                   |                |                       |                     |                   |
| 1901          | George F. Hoar....  | R.        | Worcester ...        | Massachusetts..   | 1826           | Harvard .....         | 1846                | Lawyer            |
| 1905          | Henry C. Lodge....  | R.        | Nahant .....         | Massachusetts..   | 1850           | Harvard .....         | 1871                | Not stated        |
|               | MICHIGAN.           |           |                      |                   |                |                       |                     |                   |
| 1901          | James McMillan..    | R.        | Detroit .....        | Canada .....      | 1838           | .....                 | .....               | Manufacturer      |
| 1905          | Julius C. Burrows†  | R.        | Kalamazoo ..         | Pennsylvania..    | 1837           | .....                 | .....               | Lawyer            |
|               | MINNESOTA.          |           |                      |                   |                |                       |                     |                   |
| 1901          | Knute Nelson†....   | R.        | Alexandria...        | Norway .....      | 1843           | .....                 | .....               | Lawyer            |
| 1905          | Cushman K. Davis†   | R.        | St. Paul .....       | New York .....    | 1838           | Univ. of Michigan...  | 1857                | Lawyer            |
|               | MISSISSIPPI.        |           |                      |                   |                |                       |                     |                   |
| 1905          | Wm. V. Sullivan*.   | D.        | Oxford .....         | Mississippi.....  | 1850           | Vanderbilt.....       | 1875                | Lawyer            |
| 1905          | H. D. Money†....    | D.        | Carrollton ...       | Mississippi.....  | 1829           | Univ. of Mississippi. | 1860                | Lawyer            |
|               | MISSOURI.           |           |                      |                   |                |                       |                     |                   |
| 1903          | George G. Vest†..   | D.        | Sweet Springs        | Kentucky .....    | 1830           | Centre (Ky.) .....    | 1848                | Lawyer            |
| 1905          | F. M. Cockrell†..   | D.        | Warrensburg.         | Missouri .....    | 1824           | Chapel Hill (Mo.) ..  | 1853                | Lawyer            |
|               | MONTANA.            |           |                      |                   |                |                       |                     |                   |
| 1901          | Thomas H. Carter.   | R.        | Helena .....         | Ohio .....        | 1854           | .....                 | .....               | Lawyer            |
| 1905          | W. A. Clark .....   | D.        | Butte .....          | Pennsylvania ..   | 1839           | Iowa Wesleyan Univ.   | .....               | Mining            |
|               | NEBRASKA.           |           |                      |                   |                |                       |                     |                   |
| 1901          | John M. Thurston.   | R.        | Omaha .....          | Vermont .....     | 1847           | Wayland Univ (Wis.    | .....               | Lawyer            |
| 1905          | Wm. V. Allen† (c).  | P.        | Madison .....        | Ohio .....        | 1847           | Upper Iowa Univ ..    | .....               | Lawyer            |

## SENATE—Continued.

| TERMS EXPIRE.  | Senators.            |    | Politics. | Post-Office Address. | Place of Birth. | Year of Birth. | College.                      | Year of Graduation. | Present Vocation.                           |
|----------------|----------------------|----|-----------|----------------------|-----------------|----------------|-------------------------------|---------------------|---|
| NEVADA.        |                      |    |           |                      |                 |                |                               |                     |   |
| 1903           | John P. Jones.....   | S. |           | Gold Hill.....       | England.....    | 1830           |                               |                     | Miner                                       |
| 1905           | Wm. M. Stewart....   | I. |           | Carson City...       | New York.....   | 1827           | Yale (2 years).....           |                     | Lawyer                                      |
| NEW HAMPSHIRE. |                      |    |           |                      |                 |                |                               |                     |   |
| 1901           | Wm. E. Chandler....  | R. |           | Concord.....         | N. Hampshire..  | 1835           |                               |                     | Lawyer                                      |
| 1905           | Jaco. H. Gallinger.  | R. |           | Concord.....         | Canada.....     | 1837           | Dartmouth, Medi-<br>cine..... | 1879                | Not stated                                  |
| NEW JERSEY.    |                      |    |           |                      |                 |                |                               |                     |   |
| 1901           | William J Sewel †    | R. |           | Camden.....          | Ireland.....    | 1835           |                               |                     | Railroad Pres.                              |
| 1905           | John Keau.....       | R. |           | Elizabeth.....       | New Jersey..... | 1852           | Yale.....                     | 1876                | Farmer                                      |
| NEW YORK.      |                      |    |           |                      |                 |                |                               |                     |   |
| 1903           | Thomas C Platt....   | R. |           | New York.....        | New York.....   | 1833           | Yale.....                     |                     | President U.S.<br>Express Co.<br>Lawyer (a) |
| 1905           | C. M. Depew †.....   | R. |           | New York.....        | New York.....   | 1834           | Yale.....                     | 1856                | Lawyer (a)                                  |
| N. CAROLINA.   |                      |    |           |                      |                 |                |                               |                     |   |
| 1901           | Marion Butler....    | P. |           | Elliott.....         | North Carolina  | 1863           | Univ. of N. C.....            | 1885                | Journalist                                  |
| 1903           | Jeter C. Pritchard.  | R. |           | Marshall.....        | Tennessee.....  | 1857           |                               |                     | Lawyer                                      |
| NORTH DAKOTA.  |                      |    |           |                      |                 |                |                               |                     |   |
| 1903           | H. C. Hansbrough..   | R. |           | Devil's Lake...      | Illinois.....   | 1848           |                               |                     | Journalist                                  |
| 1905           | P. J. McCumber....   | R. |           | Wahpeton.....        | Illinois.....   | 1856           | Univ Michigan....             | 1880                | Lawyer                                      |
| OHIO.          |                      |    |           |                      |                 |                |                               |                     |   |
| 1903           | Joseph B. Foraker †  | R. |           | Cincinnati.....      | Ohio.....       | 1846           | Cornel. Univ.....             | 1869                | Lawyer                                      |
| 1905           | Marcus A. Hanna †    | R. |           | Cleveland.....       | Ohio.....       | 1837           |                               |                     | Coal and Iron                               |
| OREGON.        |                      |    |           |                      |                 |                |                               |                     |   |
| 1901           | Geo. W. McBride....  | R. |           | St. Helen.....       | Oregon.....     | 1854           | Christian (Ore.)..            |                     | Lawyer                                      |
| 1903           | Joseph Simon.....    | R. |           | Portland.....        | Germany.....    | 1851           |                               |                     | Lawyer                                      |
| PENNSYLVANIA.  |                      |    |           |                      |                 |                |                               |                     |   |
| 1903           | Boies Penrose....    | R. |           | Philadelphia...      | Pennsylvania..  | 1860           | Harvard.....                  | 1881                | Lawyer                                      |
| 1905           | Mat. S. Quay † (b)   | R. |           | Beaver.....          | Pennsylvania..  | 1833           | Jefferson.....                | 1850                | Lawyer                                      |
| RHODE ISLAND.  |                      |    |           |                      |                 |                |                               |                     |   |
| 1901           | Geo. P. Wetmore...   | R. |           | Newport.....         | England.....    | 1846           | Yale.....                     | 1867                | Lawyer                                      |
| 1905           | Nelson W. Aldrich.   | R. |           | Providence....       | Rhode Island... | 1841           |                               |                     | Merchant                                    |
| S. CAROLINA.   |                      |    |           |                      |                 |                |                               |                     |   |
| 1901           | Benj. R. Tillman...  | D. |           | Trenton.....         | South Carolina. | 1847           |                               |                     | Farmer                                      |
| 1903           | John L. McLaurin..   | D. |           | Bennettsville        | South Carolina. | 1860           | Univ. Virginia....            | 1882                | Lawyer                                      |
| SOUTH DAKOTA.  |                      |    |           |                      |                 |                |                               |                     |   |
| 1901           | Richard F. Pettigrew | R. |           | Sioux Falls....      | Vermont.....    | 1848           | Univ. of Wisconsin.           | 1878                | Lawyer                                      |
| 1903           | James H. Kyle.....   | I. |           | Aberdeen.....        | Ohio.....       | 1854           | Oberlin.....                  | 1878                | Not stated                                  |
| TENNESSEE.     |                      |    |           |                      |                 |                |                               |                     |   |
| 1901           | Thos B Turley.....   | D. |           | Memphis.....         | Tennessee.....  | 1845           | Univ. Virginia....            | 1867                | Lawyer                                      |
| 1905           | William B. Batet...† | D. |           | Nashville.....       | Tennessee.....  |                | Lebanon, Law....              | 1852                | Lawyer                                      |
| TEXAS.         |                      |    |           |                      |                 |                |                               |                     |   |
| 1901           | Horace Chilton....   | D. |           | Tyler.....           | Texas.....      | 1853           |                               |                     | Lawyer                                      |
| 1905           | C. A. Culbertson...  | D. |           | Dallas.....          | Alabama.....    | 1855           | Virginia Mil. Inst.           | 1874                | Lawyer                                      |
| UTAH.          |                      |    |           |                      |                 |                |                               |                     |   |
| 1903           | Joseph L. Rawlins.   | D. |           | Salt Lake City       | Utah.....       | 1850           | Univ. Indiana....             |                     | Lawyer                                      |
| 1905           | A Republican.....    |    |           |                      |                 |                |                               |                     |   |
| VERMONT.       |                      |    |           |                      |                 |                |                               |                     |   |
| 1903           | Jonathan Ross †...   | R. |           | St. Johnsbury        | Vermont.....    | 1826           | Dartmouth.....                | 1851                | Lawyer                                      |
| 1905           | Redfield Proctor †   | R. |           | Proctor.....         | Vermont.....    | 1831           | Dartmouth.....                | 1853                | Retired                                     |
| VIRGINIA.      |                      |    |           |                      |                 |                |                               |                     |   |
| 1901           | Thomas S. Martin †   | D. |           | Scottsville....      | Virginia.....   | 1847           | Univ. Virginia....            | 1867                | Lawyer                                      |
| 1905           | John W. Dantelt...†  | D. |           | Lynchburg....        | Virginia.....   | 1842           | Univ. Va., Law....            |                     | Lawyer                                      |
| WASHINGTON.    |                      |    |           |                      |                 |                |                               |                     |   |
| 1903           | George Turner.....   | P. |           | Spokane.....         | Missouri.....   | 1850           |                               |                     | Lawyer                                      |
| 1905           | Addison G. Foster.   | R. |           | Tacoma.....          | Massachusetts.  | 1837           |                               |                     | Lumber                                      |
| WEST VIRGINIA. |                      |    |           |                      |                 |                |                               |                     |   |
| 1901           | Stephen B. Elkins †  | R. |           | Elkins.....          | Ohio.....       | 1841           | Univ. Missouri....            | 1860                | Coal Mining                                 |
| 1905           | Nathan B. Scott...†  | R. |           | Wheeling.....        | Ohio.....       | 1842           |                               |                     | Manufacturer                                |
| WISCONSIN.     |                      |    |           |                      |                 |                |                               |                     |   |
| 1903           | John C. Spooner...†  | R. |           | Madison.....         | Indiana.....    | 1843           | Univ. Wisconsin..             | 1864                | Lawyer                                      |
| 1905           | Joseph V. Quarles    | R. |           | Milwaukee....        | Wisconsin.....  | 1843           | Univ. Michigan....            | 1866                | Lawyer                                      |
| WYOMING.       |                      |    |           |                      |                 |                |                               |                     |   |
| 1901           | Francis E. Warren †  | R. |           | Cheyenne.....        | Massachusetts.  | 1844           |                               |                     | Stock Raiser                                |
| 1905           | Clarence D. Clark.   | R. |           | Evanston.....        | New York.....   | 1851           | Iowa State Univ..             | 1874                | Lawyer                                      |

D., Democrats, 26. R., Republicans, 52. P., Populists, 5; I., Independents, 3; S., Silver Party, 1. When ALMANAC went to press three Republicans were yet to be elected by the Legislatures of California, Delaware, and Utah, and possibly Pennsylvania if the appointment of Mr. Quay by the Governor is not accepted by the Senate.

† Temporary appointment by the Governor, vice E. C. Walthall, deceased. † Served in the Confederate Army during the Civil War. † Served in the Union Army during the Civil War. † Appointed by the Governor to fill vacancy caused by death of Justin S. Morrill.

(a) Also Chairman Board of Directors of New York Central, Lake Shore, and Michigan Central Railroads. (b) Appointed by the Governor, but his admission to the Senate was not passed upon by that body when the ALMANAC went to press. (c) Appointed by the Governor to fill vacancy caused by death of M. L. Hayward.

VOCATIONS.—Lawyers, 58; merchants 2; farmers, 4; manufacturers, 2; journalists, 2; miners, 2; railroad presidents, 2; president express company, 1; stock raiser, 1; bank president, 1; coal and iron, 1; coal mining, 1; lumber, 1; retired, 1; vocation not stated, 8. Total, 87, with three Senators yet to be chosen when this list was compiled. The oldest Senator in years is Mr. Pettus, of Alabama, who is 78; the youngest, Marion Butler, of North Carolina, who is 36.

HOUSE OF REPRESENTATIVES.

Speaker.....David B. Henderson, Rep., of Iowa.  
 Clerk.....Alexander McDowell, Rep., of Pennsylvania.

| District.    | Representatives.           | Politics. | Post-Office Address. | Place of Birth.  | Year of Birth. | College.                 | Year of Graduation. | Present Vocation.     |
|--------------|----------------------------|-----------|----------------------|------------------|----------------|--------------------------|---------------------|-----------------------|
| ALABAMA.     |                            |           |                      |                  |                |                          |                     |                       |
| 1            | George W. Taylor*.....     | D.        | Demopolis.....       | Alabama.....     | 1849           | Univ. S. Carolina.....   | 1867                | Lawyer                |
| 2            | Jesse F. Stallings*.....   | D.        | Greenville.....      | Alabama.....     | 1857           | Univ. of Alabama.....    | 1877                | Lawyer                |
| 3            | Henry D. Clayton*.....     | D.        | Eufaula.....         | Alabama.....     | 1857           | Univ. of Alabama.....    | 1878                | Lawyer                |
| 4            | Gaston A. Robbins**.....   | D.        | Selma.....           | Alabama.....     | 1859           | Univ. N. Carolina.....   | 1879                | Lawyer                |
| 5            | Willis Brewer†.....        | D.        | Hayneville.....      | Alabama.....     | .....          | .....                    | .....               | Planter               |
| 6            | J. H. Bankhead†.....       | D.        | Fayette.....         | Alabama.....     | 1842           | .....                    | .....               | Farmer                |
| 7            | John L. Burnett.....       | D.        | Gasdsen.....         | Alabama.....     | 1854           | Vanderbilt Univ.....     | 1875                | Lawyer                |
| 8            | Joseph Wheeler*.....       | D.        | Wheeler.....         | Georgia.....     | 1836           | U. S. Mil. Acad.....     | 1859                | Not stated            |
| 9            | O. W. Underwood*.....      | D.        | Birmingham.....      | Kentucky.....    | 1862           | Univ. of Virginia.....   | 1884                | Lawyer                |
| ARKANSAS.    |                            |           |                      |                  |                |                          |                     |                       |
| 1            | P. D. McCulloch, Jr.*..... | D.        | Marianna.....        | Tennessee.....   | 1851           | Andrew (Tenn.).....      | .....               | Lawyer                |
| 2            | John S. Little*.....       | D.        | Greenwood.....       | Arkansas.....    | 1852           | Cone Hill (Ark.).....    | .....               | Lawyer                |
| 3            | Thomas C. McRae*.....      | D.        | Prescott.....        | Arkansas.....    | 1851           | Wash. & Lee (Law.....    | 1872                | Lawyer                |
| 4            | William L. Terry*.....     | D.        | Little Rock.....     | N. Carolina..... | 1850           | Trinity (N. C.).....     | 1872                | Lawyer                |
| 5            | H. A. Dinsmore*.....       | D.        | Fayetteville.....    | Arkansas.....    | 1850           | .....                    | .....               | Lawyer                |
| 6            | S. Brundidge, Jr.*.....    | D.        | Searcy.....          | Arkansas.....    | 1857           | .....                    | .....               | Lawyer                |
| CALIFORNIA.  |                            |           |                      |                  |                |                          |                     |                       |
| 1            | John A. Barham*.....       | R.        | Santa Rosa.....      | Missouri.....    | 1844           | Hesperian.....           | .....               | Lawyer                |
| 2            | Marion De Vries*.....      | D.        | Stockton.....        | California.....  | 1865           | Univ. of Michigan.....   | 1888                | Lawyer                |
| 3            | Victor H. Metcalf.....     | R.        | Oakland.....         | New York.....    | 1834           | Yale.....                | 1876                | Lawyer                |
| 4            | Julius Kahn.....           | R.        | San Francisco.....   | Germany.....     | 1861           | .....                    | .....               | Lawyer                |
| 5            | Eugene F. Loud†.....       | R.        | San Francisco.....   | Mass.....        | 1847           | .....                    | .....               | Not stated            |
| 6            | Russell J. Waters.....     | R.        | Los Angeles.....     | Vermont.....     | 1843           | .....                    | .....               | Banker                |
| 7            | James C. Needham.....      | R.        | Modesto.....         | Nevada.....      | 1864           | Univ. of Michigan.....   | 1889                | Lawyer                |
| COLORADO.    |                            |           |                      |                  |                |                          |                     |                       |
| 1            | John F. Shaforth*.....     | S.        | Denver.....          | Missouri.....    | 1854           | Univ. of Michigan.....   | 1875                | Lawyer                |
| 2            | John C. Bell*.....         | P.        | Montrose.....        | Tennessee.....   | 1851           | .....                    | .....               | Lawyer                |
| CONNECTICUT. |                            |           |                      |                  |                |                          |                     |                       |
| 1            | E. Stevens Henry*.....     | R.        | Rockville.....       | Mass.....        | 1836           | .....                    | .....               | Farmer                |
| 2            | N. D. Sperry*.....         | R.        | New Haven.....       | Connecticut..... | 1827           | .....                    | .....               | Contractor            |
| 3            | Charles A. Russell*.....   | R.        | Killingly.....       | Mass.....        | 1852           | Yale.....                | 1873                | Manufacturer          |
| 4            | Ebenezer J. Hill*.....     | R.        | Norwalk.....         | Connecticut..... | 1845           | Yale.....                | 1865                | V. P. Bank of Norwalk |
| DELAWARE.    |                            |           |                      |                  |                |                          |                     |                       |
|              | John H. Hoffecker†.....    | R.        | Smyrna.....          | Delaware.....    | 1827           | .....                    | .....               | Merchant              |
| FLORIDA.     |                            |           |                      |                  |                |                          |                     |                       |
| 1            | S. M. Sparkman†.....       | D.        | Tampa.....           | Florida.....     | 1849           | .....                    | .....               | Lawyer                |
| 2            | Robt. W. Davist.....       | D.        | Palatka.....         | Georgia.....     | 1849           | .....                    | .....               | Lawyer                |
| GEORGIA.     |                            |           |                      |                  |                |                          |                     |                       |
| 1            | Rufus E. Lester†.....      | D.        | Savannah.....        | Georgia.....     | 1837           | Mercer Univ.....         | 1857                | Lawyer                |
| 2            | James M. Griggs*.....      | D.        | Dawson.....          | Georgia.....     | 1861           | Peabody Normal.....      | 1881                | Lawyer                |
| 3            | Elijah B. Lewis*.....      | D.        | Montezuma.....       | Georgia.....     | 1854           | .....                    | .....               | Banker                |
| 4            | Wm. C. Adanson*.....       | D.        | Carrollton.....      | Georgia.....     | 1854           | Bowdon.....              | 1874                | Lawyer                |
| 5            | L. F. Livingston†.....     | D.        | Kings.....           | Georgia.....     | 1832           | .....                    | .....               | Farmer                |
| 6            | Charles L. Bartlett*.....  | D.        | Macon.....           | Georgia.....     | 1853           | Un. Ga. '70; Un. Va..... | 1872                | Lawyer                |
| 7            | John W. Maddox†.....       | D.        | Rome.....            | Georgia.....     | 1848           | .....                    | .....               | Lawyer                |
| 8            | Wm. M. Howard.....         | D.        | Lexington.....       | Louisiana.....   | 1857           | Univ. of Georgia.....    | 1877                | Lawyer                |
| 9            | Farish Carter Tate*.....   | D.        | Jasper.....          | Georgia.....     | 1856           | North Ga. Agri.....      | .....               | Lawyer                |
| 10           | Wm. H. Fleming*.....       | D.        | Augusta.....         | Georgia.....     | 1856           | Univ. of Georgia.....    | 1875                | Lawyer                |
| 11           | W. G. Brantley*.....       | D.        | Brunswick.....       | Georgia.....     | 1860           | Univ. of Georgia.....    | .....               | Lawyer                |
| IDAHO.       |                            |           |                      |                  |                |                          |                     |                       |
|              | Edgar Wilson** (at large)  | S.        | Boisé City.....      | Penna.....       | 1861           | Univ. of Michigan.....   | 1884                | Lawyer                |
| ILLINOIS.    |                            |           |                      |                  |                |                          |                     |                       |
| 1            | James R. Mann*.....        | R.        | Chicago.....         | Illinois.....    | 1856           | Univ. of Illinois.....   | 1876                | Lawyer                |
| 2            | William Lorimer*.....      | R.        | Chicago.....         | England.....     | 1861           | .....                    | .....               | Manufacturer          |
| 3            | Geo. P. Foster.....        | D.        | Chicago.....         | New Jersey.....  | 1860           | Union Col. of Law.....   | 1882                | Lawyer                |
| 4            | Thomas Cusack.....         | D.        | Chicago.....         | Ireland.....     | 1858           | .....                    | .....               | Adv. Signs            |
| 5            | Edward T. Noonan.....      | D.        | Chicago.....         | Illinois.....    | 1861           | Univ. of Michigan.....   | 1883                | Lawyer                |
| 6            | Henry S. Boutell*.....     | R.        | Chicago.....         | Mass.....        | 1856           | Harvard.....             | 1876                | Lawyer                |
| 7            | George E. Foss*.....       | R.        | Chicago.....         | Vermont.....     | 1863           | Harvard.....             | 1885                | Lawyer                |
| 8            | A. J. Hopkins*.....        | R.        | Aurora.....          | Illinois.....    | 1846           | Hillsdale.....           | 1870                | Lawyer                |
| 9            | Robert R. Hitt*.....       | R.        | Mount Morris.....    | Ohio.....        | 1824           | De Pauw Univ.....        | .....               | Not stated            |
| 10           | George W. Prince*.....     | R.        | Galesburg.....       | Illinois.....    | 1854           | Knox.....                | 1878                | Lawyer                |
| 11           | Walter Reeves*.....        | R.        | Streator.....        | Penna.....       | 1848           | .....                    | .....               | Lawyer                |
| 12           | Jos. G. Cannon*.....       | R.        | Danville.....        | N. Carolina..... | 1836           | .....                    | .....               | Lawyer                |
| 13           | Vespasian Warner†.....     | R.        | Clinton.....         | Illinois.....    | 1842           | Harvard (Law).....       | 1868                | Lawyer                |
| 14           | Joseph V. Graff*.....      | R.        | Peoria.....          | Indiana.....     | 1854           | Wabash (1 year).....     | .....               | Lawyer                |
| 15           | Benj. F. Marsh†.....       | R.        | Warsaw.....          | Illinois.....    | 1839           | Jubilee (Ill.).....      | .....               | Farmer                |
| 16           | Wm. E. Williams.....       | D.        | Pittsfield.....      | Illinois.....    | 1857           | Illinois.....            | 1880                | Lawyer                |
| 17           | Ben F. Caldwell.....       | D.        | Chatham.....         | Illinois.....    | 1848           | .....                    | .....               | Farmer                |
| 18           | Thomas M. Jett*.....       | D.        | Hillsboro.....       | Illinois.....    | 1862           | .....                    | .....               | Lawyer                |
| 19           | Joseph B. Crowley.....     | D.        | Robinson.....        | Ohio.....        | 1858           | .....                    | .....               | Lawyer                |
| 20           | J. R. Williams**.....      | D.        | Carmi.....           | Illinois.....    | 1850           | Indiana Univ.....        | 1875                | Lawyer                |
| 21           | Wm. A. Rodenberg.....      | R.        | East St. Louis.....  | Illinois.....    | 1865           | Central Wesleyan.....    | 1884                | Lawyer                |
| 22           | George W. Smith*.....      | R.        | Murphysboro.....     | Ohio.....        | 1846           | McKendree.....           | 1868                | Not stated            |

| District.             | Representatives.         | Politics. | Post-Office Address. | Place of Birth. | Year of Birth. | College.            | Year of Graduation. | Present Vocation. |
|-----------------------|--------------------------|-----------|----------------------|-----------------|----------------|---------------------|---------------------|-------------------|
| <b>INDIANA.</b>       |                          |           |                      |                 |                |                     |                     |                   |
| 1                     | James A. Hemenway*       | R.        | Boonville....        | Indiana.....    | 1848           | .....               | .....               | Lawyer            |
| 2                     | Robert W. Miers*         | D.        | Bloomington.         | Indiana.....    | 1848           | Indiana Univ.....   | 1870                | Lawyer            |
| 3                     | William T. Zenor*        | D.        | Corydon.....         | Indiana.....    | 1846           | .....               | .....               | Lawyer            |
| 4                     | Francis M. Griffith*     | D.        | Vevay.....           | Indiana.....    | 1849           | Franklin.....       | .....               | Lawyer            |
| 5                     | George W. Griss*         | R.        | Terre Haute.         | Indiana.....    | 1854           | Asbury Univ.....    | 1877                | Lawyer            |
| 6                     | James E. Watson**        | R.        | Rushville....        | Indiana.....    | 1864           | De Pauw.....        | 1886                | Lawyer            |
| 7                     | Jesse Overstreet*        | R.        | Indianapolis..       | Indiana.....    | 1859           | Franklin.....       | 1882                | Lawyer            |
| 8                     | George W. Cromer.        | R.        | Muncie.....          | Indiana.....    | 1866           | Indiana Univ.....   | 1882                | Lawyer            |
| 9                     | Charles B. Landis*       | R.        | Delphi.....          | Ohio.....       | 1858           | Washash.....        | 1883                | Journalist        |
| 10                    | E. D. Crumacker*         | R.        | Valparaiso....       | Indiana.....    | 1852           | Valparaiso....      | 1874                | Lawyer            |
| 11                    | George W. Steele*†       | R.        | Marion.....          | Indiana.....    | 1839           | Ohio Wesleyan..     | .....               | Operator          |
| 12                    | James M. Robinson*       | D.        | Fort Wayne....       | Indiana.....    | 1861           | .....               | .....               | Lawyer            |
| 13                    | Abraham L. Brick..       | R.        | South Bend....       | Indiana.....    | 1880           | Univ. of Michigan   | 1883                | Lawyer            |
| <b>IOWA.</b>          |                          |           |                      |                 |                |                     |                     |                   |
| 1                     | Thomas Hedge.....        | R.        | Burlington....       | Iowa.....       | 1844           | Yale, '67; Col. Law | 1869                | Lawyer            |
| 2                     | Joe R. Lane.....         | R.        | Davenport....        | Iowa.....       | 1858           | Knox.....           | 1878                | Lawyer            |
| 3                     | D. B. Henderson*†.       | R.        | Dubuque.....         | Scotland.....   | 1840           | Upper Iowa Univ     | .....               | Lawyer            |
| 4                     | Gilbert N. Haugen.       | R.        | Northwood....        | Wisconsin.....  | 1859           | .....               | .....               | Banker            |
| 5                     | Robert G. Cousins*       | R.        | Tipton.....          | Iowa.....       | 1859           | Cornell (Ia.).....  | 1881                | Lawyer            |
| 6                     | John F. Lacey*†.         | R.        | Oskaloosa....        | W. Virginia..   | 1841           | .....               | .....               | Lawyer            |
| 7                     | John A. T. Hull*†.       | R.        | Des Moines....       | Ohio.....       | 1841           | Asbury Univ.....    | 1863                | Farmer            |
| 8                     | William P. Hepburn*†     | R.        | Clarinda.....        | Ohio.....       | 1833           | .....               | .....               | Lawyer            |
| 9                     | Smith McPherson..        | R.        | Red Oak.....         | Indiana.....    | 1848           | .....               | .....               | Lawyer            |
| 10                    | Jon. P. Dolliver*        | R.        | Fort Dodge....       | W. Virginia..   | 1858           | West Va. Univ..     | 1875                | Lawyer            |
| 11                    | Lot Thomas.....          | R.        | Storm Lake....       | Penna.....      | 1843           | Ia. State Un. (Law) | .....               | Lawyer            |
| <b>KANSAS.</b>        |                          |           |                      |                 |                |                     |                     |                   |
|                       | W. J. Bailey (at large). | R.        | Baileyville....      | Illinois.....   | 1854           | Univ. of Illinois.  | 1879                | Farmer            |
| 1                     | Charles Curtis*..        | R.        | Topeka.....          | Kansas.....     | 1860           | .....               | .....               | Lawyer            |
| 2                     | J. D. Bowerstock..       | H.        | Lawrence....         | Ohio.....       | 1842           | .....               | .....               | Manufacturer      |
| 3                     | Edwin R. Ridgely*†       | P.        | Pittsburgh....       | Illinois.....   | 1344           | .....               | .....               | Merchant          |
| 4                     | James M. Miller..        | R.        | Council Grove        | Penna.....      | 1852           | .....               | .....               | Lawyer            |
| 5                     | W. A. Calderhead*†       | R.        | Marysville....       | Ohio.....       | 1844           | Franklin.....       | .....               | Lawyer            |
| 6                     | William A. Reeder.       | R.        | Logan.....           | Penna.....      | 1849           | .....               | .....               | Banker            |
| 7                     | Chester I. Long**        | R.        | Medicine L'g.        | Penna.....      | 1860           | .....               | .....               | Lawyer            |
| <b>KENTUCKY.</b>      |                          |           |                      |                 |                |                     |                     |                   |
| 1                     | Chas. K. Wheeler*        | D.        | Paducah.....         | Kentucky....    | 1863           | Stewart.....        | 1879                | Lawyer            |
| 2                     | H. D. Allen.....         | D.        | Morganfield..        | Kentucky....    | 1854           | .....               | .....               | Lawyer            |
| 3                     | John S. Rhea*..          | D.        | Russellville..       | Kentucky....    | 1855           | Wash. & Lee Univ    | 1873                | Lawyer            |
| 4                     | Daniel H. Smith*         | D.        | Hodgenville..        | Kentucky....    | 1854           | .....               | .....               | Lawyer            |
| 5                     | Oscar Turner.....        | D.        | Louisville....       | Kentucky....    | 1867           | Univ. of Virginia   | 1886                | Lawyer            |
| 6                     | Albert S. Berry*†.       | D.        | Newport.....         | Kentucky....    | 1836           | Miami Univ.....     | 1856                | Speculator        |
| 7                     | June Gayle.....          | D.        | Owenton.....         | .....           | .....          | .....               | .....               | .....             |
| 8                     | G. G. Gilbert....        | D.        | Shelbyville..        | Kentucky....    | .....          | Cecilian.....       | 1871                | Lawyer            |
| 9                     | Samuel J. Pugh*          | R.        | Vanceburg....        | Kentucky....    | 1850           | Centre (Ky.)....    | .....               | Lawyer            |
| 10                    | T. Y. Fitzpatrick*       | D.        | Prestonsburg.        | Kentucky....    | 1850           | .....               | .....               | Banker            |
| 11                    | Vincent Boring†.         | R.        | London.....          | Tennessee..     | 1839           | Tusculum.....       | 1867                | Banker            |
| <b>LOUISIANA.</b>     |                          |           |                      |                 |                |                     |                     |                   |
| 1                     | Adolph Meyer*†.          | D.        | New Orleans..        | Mississippi..   | 1842           | Univ. of Virginia   | 1862                | Not stated        |
| 2                     | Robt. C. Davey*..        | D.        | New Orleans..        | Louisiana....   | 1853           | St. Vincent's....   | 1871                | Not stated        |
| 3                     | Robt. F. Broussard*      | D.        | New Iberia....       | Louisiana....   | 1864           | Georgetown Univ     | .....               | Lawyer            |
| 4                     | Phanor Breazeale.        | D.        | Natchitoches.        | Louisiana....   | 1858           | .....               | .....               | Lawyer            |
| 5                     | Joseph E. Ransdell.      | D.        | L. Providence.       | .....           | .....          | .....               | .....               | .....             |
| 6                     | S. M. Robertson*         | D.        | Baton Rouge..        | Louisiana....   | 1852           | La. State Univ..    | 1874                | Lawyer            |
| <b>MAINE.</b>         |                          |           |                      |                 |                |                     |                     |                   |
| 1                     | Amos L. Allen....        | R.        | Alfred.....          | Maine.....      | 1837           | Bowdoin.....        | 1860                | Lawyer            |
| 2                     | Charles E. Littlefield.  | R.        | Rockland....         | Maine.....      | 1851           | .....               | .....               | Lawyer            |
| 3                     | Edwin C. Burleigh*       | R.        | Augusta.....         | Maine.....      | 1843           | .....               | .....               | Editor            |
| 4                     | Chas. A. Boutelle*†      | R.        | Bangor.....          | Maine.....      | 1839           | .....               | .....               | Journalist        |
| <b>MARYLAND.</b>      |                          |           |                      |                 |                |                     |                     |                   |
| 1                     | John W. Smith (c)        | D.        | Snow Hill....        | Maryland....    | 1843           | .....               | .....               | Banker            |
| 2                     | William B. Baker*        | R.        | Aberdeen....         | Maryland....    | 1840           | .....               | .....               | Fruit Packer      |
| 3                     | Frank C. Wachter.        | R.        | Baltimore....        | Maryland....    | 1861           | .....               | .....               | Manufacturer      |
| 4                     | James W. Denny†          | D.        | Baltimore....        | Virginia.....   | 1841           | Univ. of Virginia.  | 1869                | Lawyer            |
| 5                     | Sydney E. Mudd*          | R.        | La Plata.....        | Maryland....    | 1858           | St. John's, Annap.  | 1878                | Lawyer            |
| 6                     | George A. Pearre.        | R.        | Cumbarland..         | Maryland....    | 1860           | Princeton.....      | 1880                | Lawyer            |
| <b>MASSACHUSETTS.</b> |                          |           |                      |                 |                |                     |                     |                   |
| 1                     | Geo. P. Lawrence*        | R.        | North Adams          | Mass.....       | 1859           | Amherst.....        | 1880                | Lawyer            |
| 2                     | Fred. H. Gillett*        | R.        | Springfield..        | Mass.....       | 1851           | Amherst.....        | 1874                | Lawyer            |
| 3                     | John R. Thayer..         | D.        | Worcester....        | Mass.....       | 1845           | Yale.....           | 1869                | .....             |
| 4                     | George W. Weymouth*      | R.        | Fitchburg....        | Mass.....       | 1850           | .....               | .....               | Operator          |
| 5                     | William S. Knox*         | R.        | Lawrence....         | Connecticut.    | 1843           | Amherst.....        | 1865                | Lawyer            |
| 6                     | William H. Moody*        | R.        | Haverhill....        | Mass.....       | 1853           | Harvard.....        | 1876                | Lawyer            |
| 7                     | Ernest W. Roberts.       | R.        | Chelsea.....         | Maine.....      | 1858           | Boston Univ....     | 1881                | Lawyer            |
| 8                     | Samuel W. McCall*        | R.        | Winchester..         | Penna.....      | 1851           | Dartmouth.....      | 1874                | Lawyer            |
| 9                     | John F. Fitzgerald*      | D.        | Boston.....          | Mass.....       | 1865           | Harvard.....        | .....               | Insurance         |
| 10                    | Henry F. Naphen.         | D.        | Boston.....          | Ireland.....    | 1852           | Harvard.....        | 1874                | Lawyer            |
| 11                    | Charles E. Sprague*      | R.        | Brookline....        | Mass.....       | 1857           | Harvard.....        | 1879                | Lawyer            |
| 12                    | William C. Lovering*†    | R.        | Taunton.....         | Rhode Island    | 1837           | .....               | .....               | Manufacturer      |
| 13                    | William S. Greene*       | R.        | Fall River....       | Illinois.....   | 1841           | .....               | .....               | Real Estate       |

| Number.               | Representatives.        | Politics. | Post-Office Address. | Place of Birth.  | Year of Birth. | College.            | Year of Graduation. | Present Vocation. |
|-----------------------|-------------------------|-----------|----------------------|------------------|----------------|---------------------|---------------------|-------------------|
| <b>MICHIGAN.</b>      |                         |           |                      |                  |                |                     |                     |                   |
| 1                     | John B. Corliss*        | R.        | Detroit.....         | Vermont.....     | 1851           | Columbian (Law)     | 1875                | Lawyer            |
| 2                     | Henry C. Smith.....     | R.        | Adrian.....          | New York.....    | 1858           | Adrian.....         | 1878                | Lawyer            |
| 3                     | Washington Gardner..... | R.        | Albion.....          | Ohio.....        | 1845           | O. Wesleyan Uni.    | 1870                | Educator          |
| 4                     | E. L. Hamilton.....     | R.        | Niles.....           | Michigan.....    | 1858           | ..... Wesleyan Uni. | .....               | Lawyer            |
| 5                     | Wm. Aiden Smith*        | R.        | Grand Rapids         | Michigan.....    | 1869           | .....               | .....               | Lawyer            |
| 6                     | Samuel W. Smith*        | R.        | Pontiac.....         | Michigan.....    | 1852           | Univ. of Michigan   | 1878                | Lawyer            |
| 7                     | Edgar Weekst.....       | R.        | Mt. Clemens.         | Michigan.....    | 1839           | .....               | .....               | Lawyer            |
| 8                     | J. W. Fordney.....      | R.        | Saginaw, W. S.       | Indiana.....     | 1855           | .....               | .....               | Timber Lands      |
| 9                     | Roswell P. Bishop†      | R.        | Lu. ington.....      | New York.....    | 1843           | Univ. of Michigan   | 1872                | Lawyer            |
| 10                    | Rousseau O. Crump*      | R.        | West Bay City        | New York.....    | 1846           | .....               | .....               | Manufacturer      |
| 11                    | W. M. S. Mesick*        | R.        | Mancelona.....       | New York.....    | 1856           | Ann Arbor.....      | .....               | Lawyer            |
| 12                    | Carlos D. Sheldon*†     | R.        | Houghton.....        | Wisconsin.....   | 1840           | .....               | .....               | Real Estate       |
| <b>MINNESOTA.</b>     |                         |           |                      |                  |                |                     |                     |                   |
| 1                     | James A. Tawney*        | R.        | Winona.....          | Penna.....       | 1855           | .....               | .....               | Lawyer            |
| 2                     | Jas. T. McCleary.....   | R.        | Winkato.....         | Canada.....      | 1853           | McGill (Canada).    | .....               | Not stated        |
| 3                     | Joel P. Heatwole.....   | R.        | Northfield.....      | Indiana.....     | 1856           | .....               | .....               | Printer           |
| 4                     | Fred'k C. Stevens*      | R.        | St. Paul.....        | Mass.....        | 1861           | Bowdoin.....        | 1881                | Lawyer            |
| 5                     | Loren Fletcher*         | R.        | Minneapolis.....     | Maine.....       | 1823           | .....               | .....               | Retired           |
| 6                     | Page Morris.....        | R.        | Duluth.....          | Virginia.....    | 1853           | Va. Military Inst.  | 1872                | Lawyer            |
| 7                     | Frank M. Eddy*          | R.        | Glenwood.....        | Minnesota.....   | 1856           | .....               | .....               | Not stated        |
| <b>MISSISSIPPI.</b>   |                         |           |                      |                  |                |                     |                     |                   |
| 1                     | John M. Allen*†         | D.        | Tupelo.....          | Mississippi..... | 1847           | Uni. of Miss. (Law) | 1870                | Lawyer            |
| 2                     | Thomas Spight*†         | D.        | Ripley.....          | Mississippi..... | 1841           | .....               | .....               | Lawyer            |
| 3                     | T. C. Catchings†        | D.        | Vicksburg.....       | Mississippi..... | 1847           | Oakland.....        | .....               | Lawyer            |
| 4                     | Andrew F. Fox.....      | D.        | West Point.....      | Alabama.....     | 1849           | .....               | .....               | Lawyer            |
| 5                     | John S. Williams*       | D.        | Yazoo City.....      | Tennessee.....   | 1854           | U. Va. & Heidelb'g  | .....               | Lawyer            |
| 6                     | Frank A. McLain.....    | D.        | Gloster.....         | Mississippi..... | 1863           | Univ. of Miss.      | 1874                | Lawyer            |
| 7                     | Patrick Henry*†         | D.        | Brandon.....         | Mississippi..... | 1843           | Nashville Milit'y   | .....               | Lawyer            |
| <b>MISSOURI.</b>      |                         |           |                      |                  |                |                     |                     |                   |
| 1                     | James T. Lloyd*         | D.        | Shelbyville.....     | Missouri.....    | 1857           | Christian Univ. .   | 1878                | Lawyer            |
| 2                     | W. W. Rucker.....       | D.        | Keytesville.....     | Virginia.....    | 1855           | .....               | .....               | Lawyer            |
| 3                     | John Dougherty.....     | D.        | Liberty.....         | Missouri.....    | 1857           | William Jewell..... | .....               | Lawyer            |
| 4                     | C. E. Cochran.....      | D.        | S. Joseph.....       | Missouri.....    | .....          | .....               | .....               | Journalist        |
| 5                     | W. S. Cowherd*          | D.        | Kansas City.....     | Missouri.....    | 1860           | Univ. of Missouri   | 1881                | Lawyer            |
| 6                     | D. A. De Armond*        | D.        | Butler.....          | Penna.....       | 1844           | .....               | .....               | Lawyer            |
| 7                     | James Cooney.....       | D.        | Marshall.....        | Ireland.....     | 1848           | Missouri Univ. .... | 1872                | Lawyer            |
| 8                     | Dorsey Shackelford..... | D.        | Jefferson City       | Missouri.....    | 1863           | .....               | .....               | Lawyer            |
| 9                     | Champ Clark.....        | D.        | Bowl'g Green         | Kentucky.....    | 1850           | Bethany.....        | 1873                | Lawyer            |
| 10                    | Richard Barthold*†      | R.        | St. Louis.....       | Germany.....     | 1853           | Schleiz (Germ'ny)   | 1871                | Editor            |
| 11                    | Charles E. Joy.....     | R.        | St. Louis.....       | Illinois.....    | 1849           | Yale.....           | 1874                | Lawyer            |
| 12                    | Charles E. Pearce*†     | R.        | St. Louis.....       | New York.....    | 1842           | Union.....          | 1863                | Lawyer            |
| 13                    | Edward Robb.....        | D.        | Perryville.....      | Missouri.....    | 1857           | State Univ. (Mo.)   | 1879                | Lawyer            |
| 14                    | W. D. Vandiver*         | D.        | C. Girardeau         | W. Virginia.     | 1854           | Central (Mo.).....  | 1877                | Teacher           |
| 15                    | M. E. Benton.....       | D.        | Neosho.....          | Tennessee.....   | 1849           | Cumberland Uni.     | 1870                | Lawyer            |
| <b>MONTANA.</b>       |                         |           |                      |                  |                |                     |                     |                   |
|                       | A. J. Campbell.....     | D.        | Butte.....           | Michigan.....    | 1857           | Mich. Agriculture   | .....               | Lawyer            |
| <b>NEBRASKA.</b>      |                         |           |                      |                  |                |                     |                     |                   |
| 1                     | E. J. Burkett.....      | R.        | Lincoln.....         | Iowa.....        | 1867           | Tabor.....          | 1890                | Lawyer            |
| 2                     | David H. Mercer.....    | R.        | Omaha.....           | Iowa.....        | 1857           | Nebraska Univ. .    | 1880                | Lawyer            |
| 3                     | John S. Robinson.....   | D.        | Madison.....         | W. Virginia.     | 1856           | .....               | .....               | Lawyer            |
| 4                     | William L. Stark*       | P.        | Aurora.....          | Connecticut.     | 1853           | .....               | .....               | Lawyer            |
| 5                     | R. D. Sutherland*       | P.        | Nelson.....          | Iowa.....        | 1862           | Amity.....          | .....               | Lawyer            |
| 6                     | William Neville.....    | P.        | North Platte.        | .....            | .....          | .....               | .....               | .....             |
| <b>NEVADA.</b>        |                         |           |                      |                  |                |                     |                     |                   |
|                       | F. G. Newlands*         | S.        | Reno.....            | Mississippi ..   | 1848           | Yale.....           | .....               | Mining            |
| <b>NEW HAMPSHIRE.</b> |                         |           |                      |                  |                |                     |                     |                   |
| 1                     | Cyrus A. Sulloway*      | R.        | Manchester.....      | N. Hamp.....     | 1839           | .....               | .....               | Lawyer            |
| 2                     | Frank G. Clarke.....    | R.        | Peterboro.....       | N. Hamp.....     | 1850           | Dartmouth.....      | 1873                | Lawyer            |
| <b>NEW JERSEY.</b>    |                         |           |                      |                  |                |                     |                     |                   |
| 1                     | H. C. Loudenslager*     | R.        | Paulsboro.....       | New Jersey.....  | 1852           | .....               | .....               | Not stated        |
| 2                     | John J. Gardner*†       | R.        | Atlantic City.       | New Jersey.....  | 1845           | .....               | .....               | Farmer            |
| 3                     | Benj. F. Howell*†       | R.        | N. Brunswick         | New Jersey.....  | 1844           | .....               | .....               | Banker            |
| 4                     | Joshua S. Salmon.....   | D.        | Boonton.....         | New Jersey.....  | 1846           | Union University    | 1873                | Lawyer            |
| 5                     | James F. Stewart*       | R.        | Paterson.....        | New Jersey.....  | 1851           | N. Y. Uni. (Law)    | 1870                | Lawyer            |
| 6                     | Richard W. Parker*      | R.        | Newark.....          | New Jersey.....  | 1848           | Princeton.....      | 1867                | Lawyer            |
| 7                     | William D. Daly.....    | D.        | Hoboken.....         | New Jersey.....  | 1851           | .....               | .....               | Lawyer            |
| 8                     | Charles N. Fowler*      | R.        | Elizabeth.....       | Illinois.....    | 1852           | Yale.....           | 1876                | Not stated        |
| <b>NEW YORK.</b>      |                         |           |                      |                  |                |                     |                     |                   |
| 1                     | Townsend Scudder.....   | D.        | Glen Head.....       | New York.....    | 1865           | Columbia (Law). .   | 1888                | Lawyer            |
| 2                     | John J. Fitzg'rald..... | D.        | Brooklyn.....        | New York.....    | 1872           | Manhattan.....      | 1891                | Lawyer            |
| 3                     | Edmund H. Driggs* (a)   | D.        | Brooklyn.....        | New York.....    | 1865           | Adelphi.....        | .....               | Ins. Surveyor     |
| 4                     | Bertram T. Clayton (a)  | D.        | Brooklyn.....        | Alabama.....     | 1862           | U. S. Mil. Acad. .  | 1885                | Civil Engin'r     |
| 5                     | Frank E. Wilson.....    | D.        | Brooklyn.....        | New York.....    | 1857           | .....               | .....               | Physician         |
| 6                     | M'chell May.....        | D.        | Brooklyn.....        | New York.....    | 1871           | Columbia.....       | 1892                | Lawyer            |
| 7                     | Nicholas Muller**       | D.        | N. Y. City.....      | Luxembourg.....  | 1826           | Luxembourg.....     | .....               | Railroad Ag't     |
| 8                     | Daniel J. Riordan.....  | D.        | N. Y. City.....      | New York.....    | 1870           | Manhattan.....      | 1890                | Real Estate       |
| 9                     | Thos. J. Bradley*.....  | D.        | N. Y. City.....      | New York.....    | 1870           | College C. of N. Y. | 1887                | Lawyer            |
| 10                    | A. J. Cummings*†        | D.        | N. Y. City.....      | New York.....    | 1841           | .....               | .....               | Editor            |
| 11                    | William Sulzer*.....    | D.        | N. Y. City.....      | New Jersey.....  | 1863           | .....               | .....               | Lawyer            |
| 12                    | Geo. B. McClellan*      | D.        | N. Y. City.....      | Saxony.....      | 1865           | Princeton.....      | 1886                | Lawyer            |
| 13                    | Jeff. M. Levy.....      | D.        | N. Y. City.....      | New York.....    | .....          | N. Y. University.   | .....               | Lawyer            |

| Number.                    | Representatives.            | Politics. | Post-Office Address. | Place of Birth.  | Year of Birth. | College.             | Year of Graduation. | Present Vocation. |
|----------------------------|-----------------------------|-----------|----------------------|------------------|----------------|----------------------|---------------------|-------------------|
| <b>NEW YORK—Continued.</b> |                             |           |                      |                  |                |                      |                     |                   |
| 14                         | W. A. Chanler (a).....      | D.        | N. Y. City.....      | Rhode Isl'nd     | 1867           | Harvard.....         | .....               | Real Estate       |
| 15                         | Jacob Ruppert, Jr.....      | D.        | N. Y. City.....      | New York.....    | 1867           | .....                | .....               | Brewer            |
| 16                         | John Q. Underhill.....      | D.        | N. Rochelle.....     | New York.....    | 1848           | College City N. Y.   | .....               | Insurance         |
| 17                         | A. S. Tompkins.....         | R.        | Nyack.....           | New York.....    | 1865           | .....                | .....               | Lawyer            |
| 18                         | J. H. Ketcham*†.....        | R.        | Dover Plains.....    | New York.....    | 1832           | .....                | .....               | Not stated        |
| 19                         | A. V. S. Cochrane*.....     | R.        | Hudson.....          | New York.....    | 1858           | Yale.....            | 1879                | Lawyer            |
| 20                         | Martin H. Glynn.....        | D.        | Albany.....          | New York.....    | 1871           | St. John's (N. Y.)   | 1894                | Lawyer            |
| 21                         | John K. Stewart.....        | R.        | Amsterdam.....       | New York.....    | 1852           | .....                | .....               | Manufacturer      |
| 22                         | L. N. Littauer*.....        | R.        | Gloversville.....    | New York.....    | 1859           | Harvard.....         | 1878                | Manufacturer      |
| 23                         | L. W. Emerson.....          | R.        | Warrensburg.....     | New York.....    | 1857           | .....                | .....               | Manufacturer      |
| 24                         | C. A. Chickering*.....      | R.        | Copenhagen.....      | New York.....    | 1843           | .....                | .....               | Not stated        |
| 25                         | Jas. S. Sherman*.....       | R.        | Utica.....           | New York.....    | 1855           | Hamilton.....        | 1878                | Lawyer            |
| 26                         | George W. Ray*†.....        | R.        | Norwich.....         | New York.....    | 1844           | .....                | .....               | Lawyer            |
| 27                         | M. E. Driscoll.....         | R.        | Syracuse.....        | New York.....    | 1851           | Williams.....        | 1877                | Lawyer            |
| 28                         | Sereno E. Payne*.....       | R.        | Auburn.....          | New York.....    | 1843           | Univ. of Roch'ter    | 1864                | Lawyer            |
| 29                         | Charles W. Gillet*†.....    | R.        | Addison.....         | New York.....    | 1840           | Univ. of Roch'ter    | 1861                | Retired           |
| 30                         | J. W. Wadsworth*.....       | R.        | Geneseo.....         | Penna.....       | 1846           | Yale.....            | .....               | Farmer            |
| 31                         | J. M. E. O'Grady.....       | R.        | Rochester.....       | New York.....    | 1863           | Rochester Univ...    | 1885                | Lawyer            |
| 32                         | Wm. H. Ryan.....            | D.        | Buffalo.....         | Mass.....        | 1860           | .....                | .....               | Public Official   |
| 33                         | D. S. Alexander*†.....      | R.        | Buffalo.....         | Maine.....       | 1846           | Bowdoin.....         | 1870                | Lawyer            |
| 34                         | Ed. B. Vreeland.....        | R.        | Salamanca.....       | New York.....    | 1857           | .....                | .....               | Lawyer            |
| <b>NORTH CAROLINA.</b>     |                             |           |                      |                  |                |                      |                     |                   |
| 1                          | John H. Small.....          | D.        | Washington.....      | N. Carolina..... | 1858           | Trinity (N. C.)..... | .....               | Lawyer            |
| 2                          | George H. White*.....       | R.        | Tarboro.....         | N. Carolina..... | 1852           | Howard Univ.....     | 1877                | Lawyer            |
| 3                          | Chas. R. Thomas.....        | D.        | New Bern.....        | N. Carolina..... | 1861           | Univ. of N. C.....   | 1881                | Lawyer            |
| 4                          | John W. Atwater.....        | P.        | Rialto.....          | N. Carolina..... | 1840           | .....                | .....               | Farmer            |
| 5                          | Wm. W. Kitchin*.....        | D.        | Roxboro.....         | N. Carolina..... | 1866           | Wake Forest.....     | 1884                | Lawyer            |
| 6                          | John D. Bellamy.....        | D.        | Wilmington.....      | N. Carolina..... | 1854           | Univ. of Virginia    | 1875                | Lawyer            |
| 7                          | Theo. F. Klutz.....         | D.        | Salisbury.....       | N. Carolina..... | 1848           | .....                | .....               | Lawyer            |
| 8                          | R. Z. Linney*†.....         | R.        | Taylorsville.....    | N. Carolina..... | 1841           | .....                | .....               | Lawyer            |
| 9                          | W. T. Crawford*.....        | D.        | Wayneville.....      | N. Carolina..... | 1856           | Univ. of N. C.....   | 1890                | Lawyer            |
| <b>NORTH DAKOTA.</b>       |                             |           |                      |                  |                |                      |                     |                   |
|                            | B. F. Spalding.....         | R.        | Fargo.....           | Vermont.....     | 1853           | Norwich Univ.....    | 1877                | Lawyer            |
| <b>OHIO.</b>               |                             |           |                      |                  |                |                      |                     |                   |
| 1                          | Wm. B. Shattuc*.....        | R.        | Madisonville.....    | New York.....    | 1841           | .....                | .....               | Retired           |
| 2                          | J. H. Bromwell*.....        | R.        | Cincinnati.....      | Ohio.....        | 1847           | .....                | .....               | Lawyer            |
| 3                          | John L. Brenner*.....       | D.        | Dayton.....          | Ohio.....        | 1832           | .....                | .....               | Tobacco           |
| 4                          | Robert B. Gordon.....       | D.        | St. Mary's.....      | Ohio.....        | 1855           | .....                | .....               | Grain Dealer      |
| 5                          | David Meekison*.....        | D.        | Napoleon.....        | Scotland.....    | 1849           | .....                | .....               | Banker            |
| 6                          | Seth W. Brown*.....         | R.        | Lebanon.....         | Ohio.....        | 1843           | .....                | .....               | Lawyer            |
| 7                          | Walter L. Weaver*.....      | R.        | Springfield.....     | Ohio.....        | 1851           | Wittenberg.....      | 1870                | Lawyer            |
| 8                          | Arch. Lybrand*.....         | R.        | Delaware.....        | Ohio.....        | 1840           | Ohio Wes'n Univ.     | .....               | Manufacturer      |
| 9                          | J. H. Southard*.....        | R.        | Toledo.....          | Ohio.....        | 1851           | Cornell.....         | 1874                | Lawyer            |
| 10                         | Stephen Morgan.....         | R.        | Oak Hill.....        | Ohio.....        | 1854           | .....                | .....               | Teacher           |
| 11                         | C. H. Grosvenor*†.....      | R.        | Athens.....          | Connecticut..... | 1823           | .....                | .....               | Lawyer            |
| 12                         | John J. Lentz*.....         | D.        | Columbus.....        | Ohio.....        | 1856           | Univ. of Michigan    | 1882                | Lawyer            |
| 13                         | James A. Norton*†.....      | D.        | Tiffin.....          | Ohio.....        | 1843           | .....                | .....               | Lawyer            |
| 14                         | Winfield S. Kerr*.....      | R.        | Mansfield.....       | Ohio.....        | 1852           | Univ. Mich. (Law)    | 1879                | Lawyer            |
| 15                         | H. C. Van Voorhis*.....     | R.        | Zanesville.....      | Ohio.....        | 1852           | Denison Univ.....    | .....               | Lawyer            |
| 16                         | Joseph J. Gill.....         | R.        | Steubenville.....    | Ohio.....        | 1846           | .....                | .....               | Manufacturer      |
| 17                         | John A. McDowell.....       | D.        | Millersburg.....     | Ohio.....        | 1853           | Mount Union.....     | 1887                | Teacher           |
| 18                         | Robt. W. Taylor*.....       | R.        | Lisbon.....          | Ohio.....        | 1852           | Western Reserve.     | 1872                | Lawyer            |
| 19                         | Charles Dick* (a).....      | R.        | Akron.....           | Ohio.....        | 1858           | .....                | .....               | Not stated        |
| 20                         | F. O. Phillips.....         | R.        | Medina.....          | Ohio.....        | 1856           | Kenyon.....          | .....               | Lawyer            |
| 21                         | Theo. E. Burton*.....       | R.        | Cleveland.....       | Ohio.....        | 1851           | Oberlin.....         | 1872                | Lawyer            |
| <b>OREGON.</b>             |                             |           |                      |                  |                |                      |                     |                   |
| 1                          | Thos. H. Tongue*.....       | R.        | Hillsboro.....       | England.....     | 1844           | Pacific Univ.....    | 1868                | Lawyer            |
| 2                          | Malcolm A. Moody.....       | R.        | The Dalles.....      | Oregon.....      | 1854           | Univ. of Cal.....    | .....               | Merchant          |
| <b>PENNSYLVANIA.</b>       |                             |           |                      |                  |                |                      |                     |                   |
|                            | G. A. Grow* (at large)..... | R.        | Greenwood.....       | Connecticut..... | 1823           | Amherst.....         | 1844                | Farmer            |
|                            | S. A. Davenport*.....       | R.        | Erie.....            | New York.....    | 1834           | Harvard.....         | 1855                | Lawyer            |
| 1                          | H. H. Bingham*.....         | R.        | Philadelphia.....    | Penna.....       | 1841           | Jefferson.....       | 1862                | Not stated        |
| 2                          | Robert Adams, Jr.*.....     | R.        | Philadelphia.....    | Penna.....       | 1849           | Univ. of Penna.....  | 1869                | Not stated        |
| 3                          | Wm. McAleer*.....           | D.        | Philadelphia.....    | Ireland.....     | 1838           | .....                | .....               | Merchant          |
| 4                          | Jas. R. Young*†.....        | R.        | Philadelphia.....    | Penna.....       | 1847           | .....                | .....               | Journalist        |
| 5                          | Alfred C. Harmer*.....      | R.        | Philadelphia.....    | Penna.....       | 1825           | .....                | .....               | Not stated        |
| 6                          | Thos. S. Butler*.....       | R.        | West Chester.....    | Penna.....       | 1855           | .....                | .....               | Lawyer            |
| 7                          | Irving P. Wanger*.....      | R.        | Norristown.....      | Penna.....       | 1852           | .....                | .....               | Lawyer            |
| 8                          | Laird H. Barber.....        | D.        | Mauch Chunk.....     | Penna.....       | 1848           | Lafayette.....       | 1871                | Lawyer            |
| 9                          | Henry D. Green.....         | D.        | Reading.....         | Penna.....       | 1857           | Yale.....            | 1877                | Lawyer            |
| 10                         | Mariott Brosius*†.....      | R.        | Lancaster.....       | Penna.....       | 1843           | Univ. of Mich.....   | 1868                | Lawyer            |
| 11                         | Wm. Connell*.....           | R.        | Scranton.....        | Nova Scotia..... | 1827           | .....                | .....               | Coal Operator     |
| 12                         | S. W. Davenport.....        | D.        | Plymouth.....        | Penna.....       | 1861           | Wesleyan Univ.....   | 1884                | Lawyer            |
| 13                         | James W. Ryan.....          | D.        | Pottsville.....      | Penna.....       | 1858           | .....                | .....               | Lawyer            |
| 14                         | M. E. Olmstead*.....        | R.        | Harrisburg.....      | Penna.....       | .....          | .....                | .....               | Lawyer            |
| 15                         | Charles F. Wright.....      | R.        | Susquehanna.....     | Penna.....       | 1856           | .....                | .....               | Banker            |
| 16                         | Horace B. Packer*.....      | R.        | Wellsboro.....       | Penna.....       | .....          | Alfred Univ.....     | .....               | Lawyer            |
| 17                         | Rufus K. Polk (a).....      | D.        | Danville.....        | Tennessee.....   | 1867           | Lehigh Univ.....     | 1887                | Manufacturer      |
| 18                         | Thad. M. Mahon*.....        | R.        | Chamb'sb'rg.....     | Penna.....       | 1840           | .....                | .....               | Lawyer            |
| 19                         | Edward D. Ziegler.....      | D.        | York.....            | Penna.....       | 1844           | Pennsylvania.....    | 1865                | Lawyer            |
| 20                         | Joseph E. Thropp.....       | D.        | Everett.....         | Penna.....       | 1849           | .....                | .....               | Civil Engineer    |

| District.                | Representatives.             | Politics. | Post-Office Address. | Place of Birth.   | Year of Birth. | College.                | Year of Graduation. | Present Vocation. |
|--------------------------|------------------------------|-----------|----------------------|-------------------|----------------|-------------------------|---------------------|-------------------|
| <b>PENNSYLVANIA—Con.</b> |                              |           |                      |                   |                |                         |                     |                   |
| 21                       | Summers M. Jack.....         | R.        | Indiana.....         | Penna.....        | 1852           | .....                   | .....               | Lawyer            |
| 22                       | John Dalzell*.....           | R.        | Pittsburgh.....      | New York.....     | 1845           | Yale.....               | 1865                | Lawyer            |
| 23                       | Wm. H. Graham*†.....         | R.        | Allegheny.....       | Penna.....        | 1844           | .....                   | .....               | Banker            |
| 24                       | Ernest F. Acheson*.....      | R.        | Washington.....      | Penna.....        | 1855           | Wash. & Jefferson.....  | 1875                | Editor            |
| 25                       | Jos. B. Showalter*.....      | R.        | Chicora.....         | Penna.....        | 1851           | .....                   | .....               | Oil Producer      |
| 26                       | Athelston Gaston.....        | D.        | Meadville.....       | New York.....     | 1838           | .....                   | .....               | Manufacturer      |
| 27                       | Joseph C. Sibley**.....      | D.        | Franklin.....        | New York.....     | 1850           | .....                   | .....               | Manufacturer      |
| 28                       | James K. P. Hall.....        | D.        | Ridgway.....         | Penna.....        | 1844           | .....                   | .....               | Banker            |
| <b>RHODE ISLAND.</b>     |                              |           |                      |                   |                |                         |                     |                   |
| 1                        | Melville Bull*.....          | R.        | Newport.....         | Rhode Island..... | 1854           | Harvard.....            | 1877                | Farmer            |
| 2                        | Adin B. Capron*†.....        | R.        | Smithfield.....      | Mass.....         | 1841           | .....                   | .....               | Milling           |
| <b>SOUTH CAROLINA.</b>   |                              |           |                      |                   |                |                         |                     |                   |
| 1                        | William Elliott*†.....       | D.        | Beaufort.....        | S. Carolina.....  | 1838           | Hav'd & U. of Va.....   | 1858                | Lawyer            |
| 2                        | W. J. Talbert*†.....         | D.        | Parksville.....      | S. Carolina.....  | 1847           | Erskine.....            | .....               | Farmer            |
| 3                        | A. C. Latimer*.....          | D.        | Belton.....          | S. Carolina.....  | 1851           | .....                   | .....               | Farmer            |
| 4                        | Stanyarne Wilson*.....       | D.        | Spartanburg.....     | S. Carolina.....  | 1859           | Wash. & Lee Un.....     | 1878                | Lawyer            |
| 5                        | D. E. Finley†.....           | D.        | Yorkville.....       | S. Carolina.....  | 1861           | South Carolina.....     | 1886                | Lawyer            |
| 6                        | James Norton*.....           | D.        | Mullins.....         | S. Carolina.....  | 1843           | .....                   | .....               | Farmer            |
| 7                        | J. William Stokes*.....      | D.        | Orangeburg.....      | S. Carolina.....  | 1853           | Vanderbilt.....         | 1881                | Physician         |
| <b>SOUTH DAKOTA.</b>     |                              |           |                      |                   |                |                         |                     |                   |
|                          | Chas. H. Burke (at large).   | R.        | Pierre.....          | New York.....     | 1861           | .....                   | .....               | Real Estate       |
|                          | Robert J. Gamble**.....      | R.        | Yankton.....         | New York.....     | 1851           | Lawrence Univ.....      | 1874                | Lawyer            |
| <b>TENNESSEE.</b>        |                              |           |                      |                   |                |                         |                     |                   |
| 1                        | W. P. Brownlow*.....         | R.        | Jonesboro.....       | Virginia.....     | 1851           | .....                   | .....               | Editor            |
| 2                        | Henry R. Gibson*†.....       | R.        | Knoxville.....       | Maryland.....     | 1837           | Hobart.....             | 1862                | Lawyer            |
| 3                        | John A. Moon*.....           | D.        | Chattanooga.....     | Virginia.....     | 1855           | King.....               | .....               | Lawyer            |
| 4                        | Chas. E. Snodgrass.....      | D.        | Crossville.....      | Tennessee.....    | 1866           | .....                   | .....               | Lawyer            |
| 5                        | J. D. Richardson*†.....      | D.        | Murfreesboro.....    | Tennessee.....    | 1843           | Franklin (Tenn.).....   | .....               | Lawyer            |
| 6                        | John W. Gaines*.....         | D.        | Nashville.....       | Tennessee.....    | 1861           | Vanderbilt Univ.....    | .....               | Lawyer            |
| 7                        | Nicholas N. Cox*†.....       | D.        | Franklin.....        | Tennessee.....    | 1837           | Cumberl'd (Law).....    | 1858                | Lawyer            |
| 8                        | Thetus W. Sims*.....         | D.        | Linden.....          | Tennessee.....    | 1852           | Cumberl'd (Law).....    | .....               | Lawyer            |
| 9                        | Rice A. Pierce*†.....        | D.        | Union City.....      | Tennessee.....    | 1849           | .....                   | .....               | Lawyer            |
| 10                       | E. W. Carmack*.....          | D.        | Memphis.....         | Tennessee.....    | 1858           | .....                   | .....               | Journalist        |
| <b>TEXAS.</b>            |                              |           |                      |                   |                |                         |                     |                   |
| 1                        | Thomas H. Ball*.....         | D.        | Huntsville.....      | Texas.....        | 1859           | Austin.....             | .....               | Lawyer            |
| 2                        | Samuel B. Cooper*.....       | D.        | Beaumont.....        | Kentucky.....     | 1850           | .....                   | .....               | Lawyer            |
| 3                        | R. C. De Graffenreid*.....   | D.        | Longview.....        | Tennessee.....    | 1859           | Univ. of Tenn.....      | 1877                | Lawyer            |
| 4                        | John L. Sheppard.....        | D.        | Texarkana.....       | Alabama.....      | 1852           | .....                   | .....               | Lawyer            |
| 5                        | Joseph W. Bailey*.....       | D.        | Gainesville.....     | Mississippi.....  | 1863           | .....                   | .....               | Lawyer            |
| 6                        | Robert E. Burke*†.....       | D.        | Dallas.....          | Alabama.....      | 1847           | .....                   | .....               | Lawyer            |
| 7                        | Robert L. Henry*.....        | D.        | Waco.....            | Texas.....        | 1864           | Univ. of Texas.....     | 1887                | Lawyer            |
| 8                        | W. T. Lanham*†.....          | D.        | Weatherford.....     | S. Carolina.....  | 1846           | .....                   | .....               | Lawyer            |
| 9                        | Albert S. Burleson.....      | D.        | Austin.....          | Texas.....        | 1863           | Univ. of Texas.....     | 1884                | Lawyer            |
| 10                       | R. B. Hawley*.....           | R.        | Galveston.....       | Tennessee.....    | 1850           | .....                   | .....               | Merchant          |
| 11                       | Rudolph Kleberg*†.....       | D.        | Cuero.....           | Texas.....        | 1847           | .....                   | .....               | Lawyer            |
| 12                       | James L. Slayden*.....       | D.        | San Antonio.....     | Kentucky.....     | 1853           | Wash. & Lee Un.....     | .....               | None              |
| 13                       | John H. Stephens*.....       | D.        | Vernon.....          | Texas.....        | 1847           | Cumberl'd (Law).....    | 1872                | Lawyer            |
| <b>UTAH.</b>             |                              |           |                      |                   |                |                         |                     |                   |
|                          | Brigham H. Roberts (b.)..... | D.        | Centreville.....     | Wales.....        | 1859           | .....                   | .....               | Journalist        |
| <b>VERMONT.</b>          |                              |           |                      |                   |                |                         |                     |                   |
| 1                        | H. Henry Powers*.....        | R.        | Morrisville.....     | Vermont.....      | 1835           | Univ. of Vermont.....   | 1855                | Lawyer            |
| 2                        | Wm. W. Grout*†.....          | R.        | St. Johnsbury.....   | Canada.....       | 1836           | .....                   | .....               | Lawyer            |
| <b>VIRGINIA.</b>         |                              |           |                      |                   |                |                         |                     |                   |
| 1                        | William A. Jones*†.....      | D.        | Warsaw.....          | Virginia.....     | 1849           | Univ. of Virginia.....  | 1870                | Lawyer            |
| 2                        | Wm. A. Young*.....           | D.        | Norfolk.....         | Virginia.....     | 1860           | .....                   | .....               | Not stated        |
| 3                        | John Lamb*†.....             | D.        | Richmond.....        | Virginia.....     | 1840           | .....                   | .....               | Farmer            |
| 4                        | Sydney P. Epes*.....         | D.        | Blackstone.....      | Virginia.....     | 1865           | .....                   | .....               | Public Official   |
| 5                        | Claude A. Swanson*.....      | D.        | Chatham.....         | Virginia.....     | 1862           | Univ. of Virginia.....  | 1886                | Lawyer            |
| 6                        | Peter J. Otey*†.....         | D.        | Lynchburg.....       | Virginia.....     | 1840           | Virginia Mil. Inst..... | 1860                | Not stated        |
| 7                        | James Hay*.....              | D.        | Madison.....         | Virginia.....     | 1856           | Wash. & Lee Un.....     | 1877                | Lawyer            |
| 8                        | John F. Rixey*.....          | D.        | Brandy.....          | Virginia.....     | 1854           | Univ. of Virginia.....  | 1875                | Farmer            |
| 9                        | William F. Rhea.....         | D.        | Bristol.....         | Virginia.....     | 1855           | King.....               | .....               | Lawyer            |
| 10                       | Julian M. Quarles.....       | D.        | Staunton.....        | Virginia.....     | 1848           | Univ. of Virginia.....  | 1874                | Lawyer            |
| <b>WASHINGTON.</b>       |                              |           |                      |                   |                |                         |                     |                   |
|                          | F. W. Cushman (at large).    | R.        | Tacoma.....          | Iowa.....         | 1867           | .....                   | .....               | Lawyer            |
|                          | W. L. Jones.....             | R.        | N. Yakima.....       | Illinois.....     | 1863           | Southern Illinois.....  | 1885                | Lawyer            |
| <b>WEST VIRGINIA.</b>    |                              |           |                      |                   |                |                         |                     |                   |
| 1                        | B. B. Dovenor*†.....         | R.        | Wheeling.....        | Virginia.....     | 1842           | .....                   | .....               | Lawyer            |
| 2                        | Alston G. Dayton*.....       | R.        | Phillippi.....       | W. Virginia.....  | 1857           | W. Virginia Univ.....   | 1878                | Lawyer            |
| 3                        | David E. Johnston.....       | D.        | Bluefield.....       | Virginia.....     | 1845           | .....                   | .....               | Lawyer            |
| 4                        | Romeo H. Freert.....         | R.        | Harrisville.....     | Ohio.....         | 1845           | .....                   | .....               | Lawyer            |
| <b>WISCONSIN.</b>        |                              |           |                      |                   |                |                         |                     |                   |
| 1                        | Henry A. Cooper*.....        | R.        | Racine.....          | Wisconsin.....    | .....          | Northwestern.....       | 1873                | Lawyer            |
|                          | Herman B. Dahle.....         | R.        | Mount Horeb.....     | Wisconsin.....    | 1855           | Un. of Wisconsin.....   | .....               | Merchant          |
| 3                        | Jos. W. Babcock*.....        | R.        | Needah.....          | Vermont.....      | 1850           | .....                   | .....               | None              |
| 4                        | Theobald Otjen*.....         | R.        | Milwaukee.....       | Michigan.....     | 1851           | Un. of Mich. (Law)..... | 1875                | Lawyer            |
| 5                        | Samuel S. Barney*.....       | R.        | West Bend.....       | Wisconsin.....    | 1846           | Lombard Univ.....       | .....               | Lawyer            |
| 6                        | J. H. Davidson*.....         | R.        | Oshkosh.....         | New York.....     | 1858           | .....                   | .....               | Lawyer            |
| 7                        | John J. Esch.....            | R.        | La Crosse.....       | Wisconsin.....    | 1861           | Un. of Wisconsin.....   | 1887                | Lawyer            |
| 8                        | Edward S. Minor*†.....       | R.        | Sturgeon Bay.....    | New York.....     | 1840           | .....                   | .....               | Not stated        |

## THE FIFTY-SIXTH CONGRESS—Continued.

| Distric.             | Representatives.   | Politics. | Post-Office Address. | Place of Birth. | Year of Birth. | College. | Year of Graduation. | Present Vocation. |
|----------------------|--------------------|-----------|----------------------|-----------------|----------------|----------|---------------------|-------------------|
| WISCONSIN—Continued. |                    |           |                      |                 |                |          |                     |                   |
| 9                    | Alex. Stewart*     | R.        | Wausau.....          | Canada .....    | 1829 .....     | .....    | .....               | Lumberman         |
| 10                   | John J. Jenkins*†  | R.        | Chip'wa Falls        | England.....    | 1843 .....     | .....    | .....               | Lawyer            |
| WYOMING.             |                    |           |                      |                 |                |          |                     |                   |
|                      | Frank W. Mondell** | R.        | Newcastle....        | Missouri .....  | 1860 .....     | .....    | .....               | Stock Raiser      |

## DELEGATES FROM TERRITORIES.

| ARIZONA.    |                   |    |                  |               |            |               |       |        |
|-------------|-------------------|----|------------------|---------------|------------|---------------|-------|--------|
|             | John F. Wilson†   | D. | Prescott.....    | Tennessee ... | 1846 ..... | .....         | ..... | Lawyer |
| NEW MEXICO. |                   |    |                  |               |            |               |       |        |
|             | Pedro Perea.....  | R. | Bernalillo ..... | .....         | .....      | .....         | ..... | ....   |
| OKLAHOMA.   |                   |    |                  |               |            |               |       |        |
|             | Dennis T. Flynn** | R. | Guthrie.....     | Penna.....    | 1862 ..... | Canisius..... | 1878  | Lawyer |

D., Democrats, 163. R., Republicans, 185. P., Populists, 6. S., Silver Party, 3.  
 \* Served in the Fifty-fifth House. \*\* Served in a previous House. † Served in the Confederate Army during the Civil War. ‡ Served in the Union Army during the Civil War. § Served in the Confederate Army during the Civil War, the Spanish-American War, and the war in the Philippines. (a) Served in the Spanish-American War. (b) At the time the ALMANAC went to press Mr. Roberts had been refused seat in the House, pending action by the committee appointed to determine his eligibility. (c) Will resign in January, 1900, to become Governor of Maryland.

VOCATIONS.—Lawyers, 233; farmers, 17; public officials, 2; manufacturers, 14; merchants, 6; journalists 6; bankers, 12; editors, 5; physicians, 2; retired, 3; real estate, 5; lumberman, 1; planter, 1; insurance, 2; teachers, 3; mining, 1; educator, 1; contractor, 1; speculator, 1; milling, 1; railroad agent, 1; timber lands, 1; stock raiser, 1; insurance surveyor, 1; operators, 2; civil engineers, 2; printer, 1; fruit packer, 1; brewer, 1; grain dealer, 1; tobacco, 1; oil producer, 1; advertising signs, 1; coal operator, 1; follow no vocation, 2; vocation not stated, 19; no detailed report, 3; total, 357.

The oldest Representative is Mr. Grow, of Pennsylvania, born in 1823; the youngest is Mr. John J. Fitzgerald, of New York, born in 1872.

OTHER OFFICERS OF THE HOUSE OF REPRESENTATIVES.—Rev. H. N. Couden, Chaplain; Henry Casson, Sergeant-at-Arms; William J. Glenn, Doorkeeper; Joseph C. McElroy, Postmaster.

## Judiciary of the State of New York.

## JUDGES OF THE COURT OF APPEALS.

| JUDGES.                           | Residences.  | Counties.     | Salaries. | Politics. | Terms Expire. |
|-----------------------------------|--------------|---------------|-----------|-----------|---------------|
| Alton B. Parker, Chief Judge..... | Kingston.... | Ulster.....   | \$14,200  | Dem.....  | Dec. 31, 1911 |
| John Haight, Associate Judge..... | Buffalo..... | Erie.....     | 13,700    | Rep.....  | " 31, 1908    |
| John Clinton Gray, .....          | New York.... | New York....  | 13,700    | Dem.....  | " 31, 1902    |
| Irving G. Vann, .....             | Syracuse.... | Onondaga....  | 13,700    | Rep.....  | " 31, 1910    |
| Edward T. Bartlett, .....         | New York.... | New York....  | 13,700    | Rep.....  | " 31, 1907    |
| Denis O'Brien, .....              | Watertown..  | Jefferson.... | 13,700    | Dem.....  | " 31, 1903    |
| Celora E. Martin, .....           | Binghamton.  | Broome.....   | 13,700    | Rep.....  | " 31, 1904    |

Clerk—William H. Shankland, Rep., Albany: salary, \$5,000. Deputy—Richard M. Barber; salary, \$3,000. Reporter—Edmund H. Smith, Rep., Albany: salary, \$5,000.

## JUDGES OF THE APPELLATE DIVISION OF THE SUPREME COURT.

| DEPARTMENT.   | Justices.  | Residences.   | Politics.  | Terms Expire  |
|---|--|---|--|---|
| 1st. The county of New York.  | Charles H. Van Brunt.<br>George C. Barrett.....<br>Edward Patterson.....<br>Morgan J. O'Brien.....<br>George L. Ingraham....<br>Chester B. McLaughlin<br>William Rumsey..... | New York.....<br>".....<br>".....<br>".....<br>".....<br>Port Henry.....<br>Bath..... | Dem.....<br>Dem.....<br>Dem.....<br>Dem.....<br>Dem.....<br>Rep.....<br>Rep..... | Dec. 31, 1911<br>" 31, 1913<br>" 31, 1900<br>" 31, 1901<br>" 31, 1905<br>" 31, 1909<br>" 31, 1908 |
| 2d. The counties of Kings, Queens, Richmond, Suffolk, Rockland, Westchester, Putnam, Orange, Dutchess.  | Wm. W. Goodrich.....<br>Edgar M. Cullen.....<br>Willard Bartlett.....<br>Edward W. Hatch.....<br>John Woodward.....  | Brooklyn.....<br>".....<br>".....<br>Buffalo.....<br>Jamestown.....                   | Rep.....<br>Dem.....<br>Dem.....<br>Rep.....<br>Rep.....                         | " 31, 1910<br>" 31, 1908<br>" 31, 1911<br>" 31, 1909<br>" 31, 1910                                |
| 3d. The counties of Sullivan, Ulster, Greene, Columbia, Schoharie, Albany, Rensselaer, Fulton, Montgomery, Saratoga, Washington, Warren, Hamilton, Essex, Clinton, Franklin, St. Lawrence, Delaware, Otsego, Broome, Chenango, Madison, Cortland, Tioga, Tompkins, Schuyler, Chemung. | Charles E. Parker.....<br>Milton H. Merwin.....<br>Walter Lloyd Smith....<br>D. Cady Herrick.....<br>Judson S. Landon.....   | Oswego.....<br>Utica.....<br>Elmira.....<br>Albany.....<br>Scheuectady.....           | Rep.....<br>Rep.....<br>Rep.....<br>Dem.....<br>Rep.....                         | " 31, 1901<br>" 31, 1902<br>" 31, 1902<br>" 31, 1905<br>" 31, 1901                                |
| 4th. The counties of Herkimer, Oneida, Lewis, Jefferson, Oswego, Onondaga, Cayuga, Seneca, Wayne, Ontario, Yates, Steuben, Livingston, Monroe, Allegany, Wyoming, Genesee, Orleans, Niagara, Erie, Cattaraugus, Chautauqua.   | William H. Adams....<br>Peter B. McLennan....<br>Alfred Spring.....<br>Two vacancies.  | Canandaigua.....<br>Syracuse.....<br>Franklinville.....<br>.....                      | Rep.....<br>Rep.....<br>Rep.....<br>.....  | " 31, 1901<br>" 31, 1906<br>" 31, 1909<br>.....   |



JUDICIARY OF THE STATE OF NEW YORK—Continued.

JUSTICES OF THE SUPREME COURT.

THE yearly salaries of Justices of the Supreme Court are \$7,200, except in New York and Kings counties, where they receive additional compensation from those counties.

| DISTRICTS.   | Justices.   | Residences.            | Politics.     | Terms Expire. |            |
|--|---|------------------------|---------------|---------------|------------|
| 1st. The city and county of New York.  | George C. Barrett.....  | New York.....          | Dem.....      | Dec. 31, 1913 |            |
|  | Edward Patterson.....   | ".....                 | ".....        | " 31, 1900    |            |
|  | Abraham R. Lawrence.....  | ".....                 | Dem.....      | " 31, 1901    |            |
|  | Morgan J. O'Brien.....  | ".....                 | Dem.....      | " 31, 1901    |            |
|  | George L. Ingraham.....   | ".....                 | Dem.....      | " 31, 1905    |            |
|  | Francis M. Scott.....   | ".....                 | Dem.....      | " 31, 1911    |            |
|  | (Chas. H. Van Brunt.....  | ".....                 | Dem.....      | " 31, 1911    |            |
|  | Charles H. Truax.....   | ".....                 | Dem.....      | " 31, 1909    |            |
|  | Frederick Smyth.....  | ".....                 | Dem.....      | " 31, 1909    |            |
|  | Charles F. MacLean.....   | ".....                 | Dem.....      | " 31, 1909    |            |
|  | George P. Andrews.....  | ".....                 | Dem.....      | " 31, 1912    |            |
|  | * P. Henry Dugro.....   | ".....                 | Dem.....      | " 31, 1900    |            |
|  | * John J. Freedman.....   | ".....                 | Dem.....      | " 31, 1904    |            |
|  | * David McAdam.....   | ".....                 | Dem.....      | " 31, 1904    |            |
|  | * H. A. Gildersleeve.....   | ".....                 | Dem.....      | " 31, 1905    |            |
|  | * Henry R. Beekman.....   | ".....                 | Dem.....      | " 31, 1908    |            |
|  | James Fitzgerald.....   | ".....                 | Dem.....      | " 31, 1912    |            |
|  | James A. O'Gorman.....  | ".....                 | Dem.....      | " 31, 1913    |            |
|  | † Henry Bischoff, Jr.....   | ".....                 | Dem.....      | " 31, 1903    |            |
|  | David Leventritt.....   | ".....                 | Dem.....      | " 31, 1912    |            |
|  | † Leonard A. Giegerich.....   | ".....                 | Dem.....      | " 31, 1906    |            |
|  | † Miles Beach.....  | ".....                 | Dem.....      | " 31, 1907    |            |
|  | 2d. Richmond, Suffolk, Orange, Nassau, Kings, Westchester, Queens, Rockland, Dutchess, and Putnam counties. | William J. Gaynor..... | Brooklyn..... | Dem.....      | " 31, 1907 |
|  |   | Edgar M. Cullen.....   | ".....        | Dem.....      | " 31, 1908 |
|  |   | Willard Bartlett.....  | ".....        | Dem.....      | " 31, 1911 |
| Martin J. Keogh.....   |   | New Rochelle.....      | Dem.....      | " 31, 1909    |            |
| William D. Dickey.....   |   | Brooklyn.....          | Rep.....      | " 31, 1909    |            |
| Wilnot M. Smith.....   |   | Patchogue.....         | Rep.....      | " 31, 1909    |            |
| Josiah T. Marean.....  |   | Brooklyn.....          | Dem.....      | " 31, 1912    |            |
| Almet F. Jenks.....  |   | ".....                 | Dem.....      | " 31, 1912    |            |
| Garret J. Garretson.....   |   | Flushing.....          | Rep.....      | " 31, 1910    |            |
| William W. Goodrich.....   |   | Brooklyn.....          | Rep.....      | " 31, 1910    |            |
| Michael H. Hirschberg.....   |   | Newburgh.....          | Rep.....      | " 31, 1910    |            |
| Samuel T. Maddox.....  |   | Brooklyn.....          | Rep.....      | " 31, 1910    |            |
| 3d. Columbia, Rensselaer, Sullivan, Ulster, Albany, Greene, and Schoharie counties.  | D. Cady Herrick.....  | Albany.....            | Dem.....      | " 31, 1905    |            |
|  | Edgar L. Fursman.....   | Troy.....              | Dem.....      | " 31, 1903    |            |
|  | Samuel Edwards.....   | Hudson.....            | Dem.....      | " 31, 1901    |            |
|  | Alden Chester.....  | Albany.....            | Rep.....      | " 31, 1909    |            |
|  | Emory A. Chase.....   | Catskill.....          | Rep.....      | " 31, 1910    |            |
|  | James A. Betts.....   | Kingston.....          | Dem.....      | " 31, 1912    |            |
|  | Leslie W. Russell.....  | Canton.....            | Rep.....      | " 31, 1905    |            |
|  | Judson S. Landon.....   | Schenectady.....       | Rep.....      | " 31, 1901    |            |
|  | James W. Houghton.....  | Saratoga Springs.....  | Rep.....      | " 31, 1900    |            |
|  | Martin L. Stover.....   | Amsterdam.....         | Rep.....      | " 31, 1905    |            |
| 4th. Warren, Saratoga, St. Lawrence, Washington, Essex, Franklin, Clinton, Montgomery, Hamilton, Fulton, and Schenectady counties. | S. Alonzo Kellogg.....  | Plattsburg.....        | Rep.....      | " 31, 1904    |            |
|  | Chester B. McLaughlin.....  | Port Henry.....        | Rep.....      | " 31, 1909    |            |
|  | William S. Andrews.....   | Syracuse.....          | Rep.....      | " 31, 1913    |            |
|  | Milton H. Merwin.....   | Utica.....             | Rep.....      | " 31, 1902    |            |
|  | Maurice L. Wright.....  | Oswego.....            | Rep.....      | " 31, 1905    |            |
|  | Frank H. Hiscock.....   | Syracuse.....          | Rep.....      | " 31, 1910    |            |
|  | Pardon C. Williams.....   | Watertown.....         | Rep.....      | " 31, 1911    |            |
|  | Peter B. McLennan.....  | Syracuse.....          | Rep.....      | " 31, 1906    |            |
|  | William E. Scripture.....   | Rome.....              | Rep.....      | " 31, 1909    |            |
|  | Charles E. Parker.....  | Owego.....             | Rep.....      | " 31, 1901    |            |
| 5th. Otsego, Delaware, Madison, Chenango, Tompkins, Broome, Chemung, Schuyler, Tioga, and Cortland counties.                       | Albert H. Sewell.....   | Walton.....            | Rep.....      | " 31, 1913    |            |
|  | Burr Mattice.....   | Oneonta.....           | Rep.....      | " 31, 1910    |            |
|  | Gerritt A. Forbes.....  | Canastota.....         | Rep.....      | " 31, 1901    |            |
|  | Walter Lloyd Smith.....   | Elmira.....            | Rep.....      | " 31, 1902    |            |
|  | George F. Lyon.....   | Binghamton.....        | Rep.....      | " 31, 1909    |            |
|  | William H. Adams.....   | Canandaigua.....       | Rep.....      | " 31, 1901    |            |
|  | Charles C. Dwight.....  | Auburn.....            | Rep.....      | " 31, 1900    |            |
|  | William A. Werner.....  | Rochester.....         | Rep.....      | " 31, 1908    |            |
|  | William Rumsey.....   | Bath.....              | Rep.....      | " 31, 1908    |            |
|  | John M. Davy.....   | Rochester.....         | Rep.....      | " 31, 1902    |            |
| 6th. Livingston, Ontario, Wayne, Yates, Steuben, Seneca, Cayuga, and Monroe counties.  | Edwin A. Nash.....  | Avon.....              | Rep.....      | " 31, 1909    |            |
|  | James W. Dunwell.....   | Lyons.....             | Rep.....      | " 31, 1909    |            |
|  | John S. Lambert.....  | Fredonia.....          | Rep.....      | " 31, 1903    |            |
|  | Warren B. Hooker.....   | ".....                 | Rep.....      | " 31, 1913    |            |
|  | Daniel J. Kenefick.....   | Buffalo.....           | Rep.....      | " 31, 1913    |            |
|  | Henry A. Childs.....  | Medina.....            | Rep.....      | " 31, 1906    |            |
|  | Edward W. Hatch.....  | Buffalo.....           | Rep.....      | " 31, 1909    |            |
|  | Alfred Spring.....  | Franklinville.....     | Rep.....      | " 31, 1909    |            |
|  | Frank C. Laughlin.....  | Buffalo.....           | Rep.....      | " 31, 1909    |            |
|  | Truman C. White.....  | ".....                 | Rep.....      | " 31, 1913    |            |
| 8th. Erie, Chautauqua, Cattaraugus, Orleans, Niagara, Genesee, Allegany, and Wyoming counties.                                     | Frederick W. Kruse.....   | Olean.....             | Rep.....      | " 31, 1900    |            |
|  | John Woodward.....  | Jamestown.....         | Rep.....      | " 31, 1910    |            |

\* Judges of the former New York City Superior Court. † Judges of the former New York Court of Common Pleas. All of limited jurisdiction.

## New York State Government.

(JANUARY 1, 1900.)

Governor.....Theo. Roosevelt, Oyster Bay. Term ex. Dec. 31, 1900. Salary, \$10,000 and mansion.  
 Lieutenant-Governor, Timothy L. Woodruff, B'klyn. " " " " 1900.. " " 5,000.  
 Secretary to the Governor.....William J. Youngs..... " " " " 4,000.

Secretary of State.....John T. McDonough, Albany....Term ex. Dec. 31, 1900..Salary, \$5,000  
 Comptroller.....William J. Morgan, Buffalo..... " " " " 1900.. " " 6,000  
 State Treasurer.....John P. Jaeckel, Auburn..... " " " " 1900.. " " 5,000  
 Attorney-General.....John C. Davies, Camden..... " " " " 1900.. " " 5,000  
 State Engineer and Surveyor.....Edward A. Bond, Watertown... " " " " 1900.. " " 5,000  
 Supt. of Public Instruction.....Charles R. Skinner, Watertown... " " " " April 6, 1901.. " " 5,000  
 Superintendent of Insurance.....Louis F. Payn, Chatham..... " " " " Feb. 11, 1900... " " 7,000  
 Superintendent Banking Dept.....Frederick D. Kilburn, Malone... " " " " May 9, 1902.. " " 5,000  
 Superintendent State Prisons.....Cornelius V. Collins, Troy..... " " " " April 17, 1903.. " " 6,000  
 Superintendent Public Works.....John N. Partridge, Brooklyn... " " " " Dec. 31, 1900.. " " 6,000

Deputy Secretary of State—J. B. H. Mongin.  
 Deputy Supt. of Insurance (1st)—Robert H. Hunter.  
 Deputy Supt. of Insurance (2d)—Henry D. Appleton.

Tax Commissioner—J. Edgar Leaycraft, Dec. 31, 1900.  
 " " George I. Priest, Dec. 31, 1901.  
 " " Lester F. Stearns, Dec. 31, 1902.  
 Salaries, \$2,500 each.

## CANAL BOARD.

Lieutenant-Governor, Timothy L. Woodruff.  
 Secretary of State, John T. McDonough.  
 Comptroller, William J. Morgan.  
 State Treasurer, John P. Jaeckel.  
 Attorney-General, John C. Davies.  
 State Engineer and Surveyor, Edward A. Bond.  
 Superintendent of Public Works.

The Tax Commissioners, with the Commissioners of the Land Office, constitute a State Board of Equalization.

## STATE ARCHITECT.

George Lewis Heins, New York. Salary, \$7,500.

## COMMISSIONERS OF CANAL FUND.

Lieutenant-Governor, Secretary of State, Comptroller, State Treasurer, Attorney-General.

## CIVIL SERVICE COMMISSIONERS.

Willard A. Cobb, Lockport.  
 William M. Collier, Auburn.  
 Slias W. Burt, New York.  
 Charles S. Fowler, Albany, Chief Examiner.  
 Salaries of Commissioners, \$2,000 each.

## STATE BOARD OF ARBITRATION AND MEDIATION

Francis B. Delehanty.  
 James M. Gilbert.  
 W. H. H. Webster.  
 Salaries, \$3,000 each. Dec. 31, 1901, all terms expire.

## FISHERIES, GAME, AND FOREST COMMISSIONERS.

Barnet H. Davis, Palmyra.  
 Edward Thompson, Northville.  
 William R. Weed, Potsdam.  
 H. S. Holden, Syracuse.  
 Charles H. Babcock, Rochester.  
 President's salary, \$3,000.

## THE GOVERNOR'S STAFF.

Adjt.-General and Chief of Staff

Military Secretary—Col. George C. Treadwell.  
 Aides-de-Camp—Maj. Craig Wadsworth, Capt. William Littauer, Capt. F. Norton Goddard, Capt. David S. Iglehart.

## Detailed from the National Guard.

Aides-de-Camp—Lieut.-Col. William H. Chapin, 65th Regiment; Lieut.-Col. Harry H. Treadwell, 2d Regiment; Capt. George A. Wingate, 23d Regiment; Capt. James M. Andrews, 36th Separate Company; First-Lieut. William L. Flanagan, 2d Battery; First-Lieut. Adrian W. Mather, 10th Battalion; First-Lieut. Frank J. Miller, 41st Separate Company; First-Lieut. Robert K. Prentice, Squadron "A"; Second-Lieut. James W. Cleveland, 7th Regiment.

## Detailed from the Naval Militia.

Aide-de-Camp—Lieut.-Com. Samuel D. Greene.

## STATE FACTORY INSPECTOR.

John Williams, Utica. Salary, \$3,000.

## STATE FISH CULTURIST.

A. N. Cheney. Salary, \$3,000.

Deputy Supt. of Public Instruction—Danforth E. Ainsworth.

Railroad Commissioner—Ashley W. Cole, B'klyn. G. W. Dunn, B'ghamton. Frank M. Baker, Owego. Salaries, \$8,000 each.  
 John S. Kenyon, Secretary.

## COMMISSIONERS OF LAND OFFICE.

Lieutenant-Governor, Timothy L. Woodruff.  
 Speaker of Assembly (to be chosen).  
 Secretary of State, John T. McDonough.  
 Comptroller, William J. Morgan.  
 State Treasurer, John P. Jaeckel.  
 Attorney-General, John C. Davies.  
 State Engineer and Surveyor, Edward A. Bond.

The Tax Commissioners, with the Commissioners of the Land Office, constitute a State Board of Equalization.

## COURT OF CLAIMS.

John M. Kellogg, Ogdensburg. Salaries, \$5,000 each  
 John F. Parkhurst, Bath. } and \$500 in lieu of  
 Charles T. Saxton, Clyde. } expenses.

## QUARANTINE COMMISSIONERS.

Hugh McRoberts, New York. }  
 Edmund J. Palmer, New York. } \$2,500 each.  
 Frederick H. Schroeder, Brooklyn. }

## STATE BOARD OF HEALTH.

S. Case Jones, M. D., Rochester, President.  
 Baxter T. Smeizer, M. D., Havana, Secretary.  
 Salary, \$4,500.

Daniel Lewis, M. D., New York.  
 Owen Cassidy, Montour Falls.  
 Frederick W. Smith, M. D., Syracuse.  
 William T. Jenkins, M. D., New York.  
 Walter F. Willcox, Ithaca.  
 John C. Davies, Attorney-General, ex officio.  
 Edward A. Bond, State Engineer, ex officio.  
 Alvah H. Doty, Health Officer Port of N. Y., ex off.

## COMMISSIONER OF LABOR STATISTICS.

John McMackin, New York. Salary, \$3,000.  
 Deputy, Adner F. Weber.

STATE SUPERINTENDENT OF PUBLIC BUILDINGS  
 Harry H. Bender, Albany. Salary, \$3,500.

STATE SEALER OF WEIGHTS AND MEASURES.  
 Lewis Boss, Albany.

STATE INSPECTOR OF GAS METERS.  
 Jastrow Alexander, New York. Salary, \$5,000.

STATE COMMISSION IN LUNACY.  
 Peter M. Wise, Ogdensburg, \$7,500; Wm. C. Osborn, \$5,000; William L. Parkhurst, \$3,500.

## STATE GEOLOGIST.

F. J. H. Merrill. Salary, \$3,000.

## REGENTS OF THE UNIVERSITY.

Anson Judd Upson, Chancellor; William Crosswell Doane, Vice-Chancellor. Theodore Roosevelt, Governor; Timothy L. Woodruff, Lieutenant-Governor; John T. McDonough, Secretary of State; Charles R. Skinner, Superintendent of Public Instruction, ex officio, 1873, Martin I. Townsend; 1874, Anson Judd Upson; 1877, Chauncey M. Depew; 1877, Charles E. Fitch; 1877, Orris H. Warren; 1878, Whitelaw Reid; 1881, William H. Watson; 1881, Henry E. Turner; 1883, St. Clair McKelway; 1885, Hamilton Harris; 1885, Daniel Beach; 1888, Carroll E. Smith; 1890, Pliny T. Sexton; 1890, T. Guilford Smith; 1892, William C. Doane; 1893, Lewis A. Stimson; 1894, Rev. Sylvester Malone; 1895, Albert Vander Veer; 1897, Chester S. Lord. Secretary, Melvil Dewey, Albany.

Legislature of the State of New York.

SESSION OF 1900.

SENATE.

President, Lieutenant-Governor Timothy L. Woodruff, Rep., of Kings County.

*Dist. Names of Senators. Politics. P. O. Address.*

- 1 John L. Havens.....Dem. Centre Moriches
- 2 James Norton.....Dem. Glen Cove.
- 3 Thomas H. Cullen.....Dem. Brooklyn.
- 4 David Floyd Davis.....Rep. Brooklyn.
- 5 Michael J. Coffey.....Dem. Brooklyn.
- 6 William J. La Roche.....Dem. Brooklyn.
- 7 Patrick H. McCarren\*.....Dem. Brooklyn.
- 8 Henry Marshall.....Rep. Brooklyn.
- 9 Joseph Wagner.....Dem. Brooklyn.
- 10 John F. Ahearn.....Dem. New York.
- 11 Timothy D. Sullivan\*.....Dem. New York.
- 12 Samuel J. Foley\*.....Dem. New York.
- 13 Bernard F. Martin\*.....Dem. New York.
- 14 Thomas F. Grady\*.....Dem. New York.
- 15 Nathaniel A. Elsberg.....Rep. New York.
- 16 Louis Munzinger\*.....Dem. New York.
- 17 George W. Plunkitt.....Dem. New York.
- 18 Maurice Featherson\*.....Dem. New York.
- 19 John Ford\*.....Rep. New York.
- 20 Thomas F. Donnelly.....Dem. New York.
- 21 Richard H. Mitchell.....Dem. New York.
- 22 William J. Graney.....Dem. Dobbs Ferry.
- 23 Louis F. Goodsell.....Rep. Highland Falls.
- 24 Henry S. Ambler.....Rep. Chatham.
- 25 Jacob Rice.....Dem. Rhodout.

*Dist. Names of Senators. Politics. P. O. Address.*

- 26 William L. Thornton...Rep. Monticello.
- 27 Hobart Krum\*.....Rep. Schoharie.
- 28 Edgar T. Brackett\*.....Rep. Saratoga Spr'gs.
- 29 Curtis N. Douglas.....Dem. Albany.
- 30 Frank M. Boyce.....Dem. East Schodack.
- 31 George Chahoon\*.....Rep. Ausable Forks.
- 32 George R. Malby\*.....Rep. Ogdensburg.
- 33 James D. Feeter.....Rep. Little Falls.
- 34 Henry J. Coggeshall\*.....Rep. Waterville.
- 35 Elon R. Brown\*.....Rep. Watertown.
- 36 Horace White\*.....Rep. Syracuse.
- 37 Nevada N. Stranahan\*.....Rep. Fulton.
- 38 William E. Johnson\*.....Rep. Waverly.
- 39 Benjamin M. Wilcox\*.....Rep. Auburn.
- 40 Charles T. Willis.....Rep. Tyrone.
- 41 Franklin D. Sherwood.....Rep. Hornellsville.
- 42 John Raines\*.....Rep. Canandaigua.
- 43 Cornelius R. Parsons\*.....Rep. Rochester.
- 44 William W. Armstrong.....Rep. Rochester.
- 45 Timothy E. Ellsworth\*.....Rep. Lockport.
- 46 Lester H. Humphrey\*.....Rep. Warsaw.
- 47 William F. Mackey.....Dem. Buffalo.
- 48 Samuel J. Ramsperger.....Dem. Buffalo.
- 49 George A. Davis.....Rep. Lancaster.
- 50 Frank W. Higgins\*.....Rep. Olean.

\* Members of the last Senate. Senators are elected for two years. The terms of the above expire December 31, 1900. Salary, \$1,500 and mileage.

|                  |    |
|------------------|----|
| Republicans..... | 27 |
| Democrats.....   | 23 |

ASSEMBLY.

ALBANY.

*Dist. Names of Members. Politics. P. O. Address.*

- 1 Wm. L. Coughtry\*.....Rep. Slingerlands.
- 2 James B. McEwan\*.....Rep. Albany.
- 3 George T. Kelly\*.....Dem. Albany.
- 4 Edward McCreary.....Rep. Cohoes.

ALLEGANY.

Almanzo W. Litchard\*.....Rep. Rushford.

BROOME.

- 1 James T. Rogers\*.....Rep. Binghamton.
- 2 John H. Swift.....Rep. Union.

CATTARAUGUS.

- 1 William E. Wheeler.....Rep. Portville.
- 2 Albert T. Fancher\*.....Rep. Little Valley.

CAYUGA.

- 1 Ernest G. Treat.....Rep. Weedsport.
- 2 George S. Fordyce\*.....Rep. Union Springs.

CHAUTAQUA.

- 1 J. Samuel Fowler\*.....Rep. Broken Straw.
- 2 S. Frederick Nixon\*.....Rep. Westfield.

CHEMUNG.

Charles H. Kuipp.....Rep. Elmira.

CHENANGO.

Jotham P. Allds\*.....Rep. Norwich.

CLINTON.

Charles E. Johnson.....Rep. Plattsburg.

COLUMBIA.

Martin M. Kittle.....Rep. Kinderhook.

CORTLAND.

George S. Sands\*.....Rep. Cortland.

DELAWARE.

Delos Axtell\*.....Rep. Barbourville.

DUTCHESS.

- 1 John T. Smith\*.....Rep. Fishkill.
- 2 William A. Tripp\*.....Rep. Rhinecliff.

ERIE.

*Dist. Names of Members. Politics. P. O. Address.*

- 1 John H. Bradley.....Dem. Buffalo.
- 2 Henry W. Hill\*.....Rep. Buffalo.
- 3 George Geoghan.....Dem. Buffalo.
- 4 William Metzler.....Rep. Buffalo.
- 5 Henry Streifer\*.....Dem. Buffalo.
- 6 Nicholas J. Miller.....Rep. Buffalo.
- 7 John K. Patton\*.....Rep. Tonawanda.
- 8 Elijah Cook.....Rep. Hamburg.

ESSEX.

Orlando Beede\*.....Rep. Beedes.

FRANKLIN.

Halbert D. Stevens.....Rep. Malone.

FULTON AND HAMILTON.

William Harris.....Rep. Northville.

GENESEE.

John J. Ellis\*.....Rep. Darien Centre.

GREENE.

Sylvester B. Sage.....Dem. Catskill.

HERKIMER.

Erwin E. Kelley\*.....Rep. Gray.

JEFFERSON.

- 1 Morgan Bryan\*.....Rep. Adams.
- 2 Charles O. Roberts\*.....Rep. Philadelphia.

KINGS.

- 1 John Hill Morgan.....Rep. Brooklyn.
- 2 John McKeown\*.....Dem. Brooklyn.
- 3 James J. McInerney\*.....Dem. Brooklyn.
- 4 Charles H. Cotton\*.....Rep. Brooklyn.
- 5 Abram C. De Graw\*.....Rep. Brooklyn.
- 6 John Harvey Waite.....Rep. Brooklyn.
- 7 John D. Holsten.....Dem. Brooklyn.
- 8 Thomas J. Farrell\*.....Dem. Brooklyn.
- 9 John J. Cain\*.....Dem. Brooklyn.
- 10 Charles E. Fiske.....Dem. Brooklyn.
- 11 Joseph A. Guider\*.....Dem. Brooklyn.
- 12 Frank J. Price.....Rep. Brooklyn.

## ASSEMBLY—Continued.

## KINGS—Continued.

| Dist. | Names of Members.   | Politics. | P. O. Address. |
|-------|---------------------|-----------|----------------|
| 13    | George Siems*       | Dem.      | Brooklyn.      |
| 14    | Thomas P. Hawkins.  | Dem.      | Brooklyn.      |
| 15    | Charles Juengst*    | Dem.      | Brooklyn.      |
| 16    | Edward C. Brennan*  | Rep.      | Brooklyn.      |
| 17    | Harris Wilson*      | Rep.      | Brooklyn.      |
| 18    | Jacob D. Remsen.    | Rep.      | Brooklyn.      |
| 19    | Conrad Hasenflug.   | Dem.      | Brooklyn.      |
| 20    | William F. Delaney* | Dem.      | Brooklyn.      |
| 21    | Joseph H. Adams.    | Rep.      | Brooklyn.      |

## LEWIS.

John L. Smith. .... Rep. ... Constableville.

## LIVINGSTON.

Otto Kelsey\* .... Rep. ... Geneseo.

## MADISON.

Robert J. Fish\* .... Rep. ... Oneida.

## MONROE.

|   |                      |      |            |
|---|----------------------|------|------------|
| 1 | Merton E. Lewis*     | Rep. | Rochester. |
| 2 | Adolph J. Rodenbeck* | Rep. | Rochester. |
| 3 | Richard Gardiner*    | Rep. | Rochester. |
| 4 | Benjamin F. Gleason* | Rep. | Brockport. |

## MONTGOMERY.

Alphonso Walrath. .... Rep. ... Fort Plain.

## NEW YORK.

|    |                      |       |           |
|----|----------------------|-------|-----------|
| 1  | Michael Halpin.      | Dem.  | New York. |
| 2  | James A. Rierdon*    | Dem.  | New York. |
| 3  | Michael T. Sharkey*  | Dem.  | New York. |
| 4  | Patrick H. Roche*    | Dem.  | New York. |
| 5  | Nelson H. Henry*     | Rep.  | New York. |
| 6  | Timothy P. Sullivan* | Dem.  | New York. |
| 7  | John F. Maher*       | Dem.  | New York. |
| 8  | Isidor Cohn.         | Dem.  | New York. |
| 9  | N. Taylor Phillips*  | Dem.  | New York. |
| 10 | Julius Harburger*    | Dem.  | New York. |
| 11 | John J. O'Connor*    | Dem.  | New York. |
| 12 | Leon Sanders*        | Dem.  | New York. |
| 13 | Patrick F. Trainor*  | Dem.  | New York. |
| 14 | Louis Meister*       | Dem.  | New York. |
| 15 | James E. Smith*      | Dem.  | New York. |
| 16 | Samuel Prince.       | Dem.  | New York. |
| 17 | James J. Fitzgerald. | Dem.  | New York. |
| 18 | Charles P. Dillon*   | Dem.  | New York. |
| 19 | Perez M. Stewart.    | I. D. | New York. |
| 20 | Henry C. Honeck.     | Dem.  | New York. |
| 21 | Edward H. Fallows*   | Rep.  | New York. |
| 22 | Joseph Baum*         | Dem.  | New York. |
| 23 | Maurice M. Minton.   | Dem.  | New York. |
| 24 | John B. Fitzgerald*  | Dem.  | New York. |
| 25 | John A. Weekes, Jr.  | Rep.  | New York. |
| 26 | John J. O'Connell*   | Dem.  | New York. |
| 27 | Gherardi Davis*      | Rep.  | New York. |
| 28 | Joseph I. Green*     | Dem.  | New York. |
| 29 | Moses R. Ryttenberg. | Dem.  | New York. |
| 30 | Samuel F. Hyman.     | Dem.  | New York. |
| 31 | Vacant.†             |       |           |
| 32 | John Poth, Jr.*      | Dem.  | New York. |
| 33 | John J. Egan*        | Dem.  | New York. |
| 34 | John J. Scanlon.     | Dem.  | New York. |
| 35 | William E. Morris.   | Dem.  | New York. |

## NIAGARA.

|   |                   |      |                 |
|---|-------------------|------|-----------------|
| 1 | John T. Darrison* | Rep. | Lockport.       |
| 2 | Jay S. Rowe*      | Rep. | Johnson's Creek |

## ONEIDA.

|   |                      |      |             |
|---|----------------------|------|-------------|
| 1 | William J. Sullivan* | Dem. | Utica.      |
| 2 | Louis M. Martin*     | Rep. | Clinton.    |
| 3 | Edward M. Marson.    | Rep. | Whitesboro. |

## ONONDAGA.

|   |                   |      |            |
|---|-------------------|------|------------|
| 1 | Edward V. Baker.  | Rep. | Marcellus. |
| 2 | William Herrick.  | Dem. | Cicero.    |
| 3 | Abraham Z. Hyman. | Dem. | Syracuse.  |
| 4 | John T. Delaney*  | Rep. | Syracuse.  |

## ONTARIO.

Jean L. Burnett\* .... Rep. ... Canandaigua.

## ORANGE.

| Dist. | Names of Members. | Politics. | P. O. Address. |
|-------|-------------------|-----------|----------------|
| 1     | James G. Graham*  | Rep.      | Newburgh.      |
| 2     | Louis Bedell*     | Rep.      | Goshen.        |

## ORLEANS.

William H. Phipps\* .... Rep. ... Albion.

## OSWEGO.

|   |                     |      |         |
|---|---------------------|------|---------|
| 1 | Thomas D. Lewis*    | Rep. | Fulton. |
| 2 | Thomas M. Costello* | Rep. | Altmar. |

## OTSAGO.

Andrew R. Smith. .... Rep. ... Springfield Cen.

## PUTNAM.

William W. Everett. .... Rep. ... Croton Falls.

## QUEENS.

|   |                    |      |                  |
|---|--------------------|------|------------------|
| 1 | Charles C. Wissel* | Dem. | Evergreen, L. I. |
| 2 | Cyrus B. Gale*     | Dem. | Jamaica.         |

## QUEENS AND NASSAU.

George W. Doughty\* .... Rep. ... Inwood.

## RENSELAEER.

|   |                  |      |       |
|---|------------------|------|-------|
| 1 | Hugh Galbraith.  | Rep. | Troy. |
| 2 | John F. Ahern.   | Rep. | Troy. |
| 3 | Michael Russell* | Rep. | Troy. |

## RICHMOND.

George Metcalfe. .... Dem. ... Great Kills.

## ROCKLAND.

Frank P. Demarest. .... Dem. ... West Nyack.

## ST. LAWRENCE.

|   |                      |      |                |
|---|----------------------|------|----------------|
| 1 | Charles S. Plank.    | Rep. | Waddington.    |
| 2 | Benjamin A. Babcock* | Rep. | Brasher Falls. |

## SARATOGA.

George H. West\* .... Rep. ... Ballston Spa.

## SCHENECTADY.

Andrew J. McMillan\* .... Rep. ... S. Schenectady.

## SCHOHARIE.

Daniel D. Frisbie. .... Dem. ... Middleburg.

## SCHUYLER.

J. Franklin Barnes. .... Dem. ... Watkins.

## SENECA.

Israel Y. Larzelere. .... Rep. ... Seneca Falls.

## STEBEN.

|   |                 |      |               |
|---|-----------------|------|---------------|
| 1 | Frank C. Platt. | Rep. | Painted Post. |
| 2 | Hyatt C. Hatch* | Rep. | Atlanta.      |

## SUFFOLK.

|   |                    |      |           |
|---|--------------------|------|-----------|
| 1 | Joseph M. Hallock* | Rep. | Southold. |
| 2 | Regis H. Post*     | Rep. | Bayport.  |

## SULLIVAN.

Edwin R. Dusingery. .... Rep. ... Liberty.

## TIOGA.

Daniel P. Witter\* .... Rep. ... Richford.

## TOMPKINS.

Benn Conger. .... Rep. ... Groton.

## ULSTER.

|   |                   |      |             |
|---|-------------------|------|-------------|
| 1 | Robert A. Snyder* | Rep. | Saugerties. |
| 2 | Thomas Snyder.    | Rep. | High Falls. |

## WARREN.

Charles H. Hitchcock\* .... Rep. ... Glens Falls.

## WASHINGTON.

S. B. Irwin. .... Rep. ... West Hebron.

## WAYNE.

Frederick W. Griffith. .... Rep. ... Palmyra.

## WESTCHESTER.

|   |                   |      |              |
|---|-------------------|------|--------------|
| 1 | John J. Sloane.   | Dem. | Yonkers.     |
| 2 | Alfred W. Cooley. | Rep. | Westchester. |
| 3 | James K. Apgar*   | Rep. | Peekskill.   |

## WYOMING.

Charles J. Gardner. .... Rep. ... Warsaw.

## YATES.

Edward M. Sawyer\* .... Rep. ... Dundee.

\* Members of the last Assembly. Assemblymen are elected for one year. Salary, \$1,500 and mileage.

† Vacancy caused by the death of Edward C. Stone, Dem.

|                      |    |
|----------------------|----|
| Republicans          | 92 |
| Democrats            | 56 |
| Independent Democrat | 1  |
| Vacancy              | 1  |

# Popular and Electoral Vote for President in 1896. 439

| STATES AND TERRITORIES. | POPULAR VOTE.    |                  |                 |                |               |                  |              | Electoral Vote. |                |
|-------------------------|------------------|------------------|-----------------|----------------|---------------|------------------|--------------|-----------------|----------------|
|                         | Bryan, Dem.      | McKinley, Rep.   | Palmer, N. Dem. | Levering, Pro. | Bentley, Nat. | Matchett Soc. L. | Pluralities. | Bryan, Dem.     | McKinley, Rep. |
| Alabama.....            | 180,307          | 54,737           | 6,462           | 2,147          | .....         | .....            | 75,570 B     | 11              | .....          |
| Arkansas.....           | 110,103          | 37,512           | .....           | 839            | 893           | .....            | 72,591 B     | 8               | .....          |
| California.....         | 143,373          | 146,170          | 2,006           | 2,573          | 1,047         | 1,611            | 2,797 McK    | * 1             | 8              |
| Colorado.....           | 161,153          | 26,271           | 1               | 1,717          | 386           | 159              | 134,882 B    | 4               | .....          |
| Connecticut.....        | 56,740           | 110,285          | 4,334           | 1,508          | .....         | 1,223            | 53,545 McK   | .....           | 6              |
| Delaware.....           | 13,424           | 16,804           | 877             | 355            | .....         | .....            | 3,630 McK    | .....           | 3              |
| Florida.....            | 32,736           | 11,283           | 654             | 1,778          | .....         | .....            | 21,448 B     | 4               | .....          |
| Georgia.....            | 94,232           | 60,091           | 2,708           | 5,613          | .....         | .....            | 34,141 B     | 13              | .....          |
| Idaho.....              | 23,192           | 6,324            | .....           | 179            | .....         | .....            | 16,868 B     | 3               | .....          |
| Illinois.....           | 464,632          | 607,130          | 6,390           | 9,796          | 793           | 1,147            | 142,498 McK  | .....           | 24             |
| Indiana.....            | 305,573          | 323,754          | 2,145           | 3,056          | 2,267         | 324              | 18,181 McK   | .....           | 15             |
| Iowa.....               | 223,741          | 289,293          | 4,516           | 3,192          | 352           | 453              | 65,552 McK   | .....           | 13             |
| Kansas.....             | 171,810          | 159,541          | 1,209           | 1,921          | 630           | .....            | 12,269 B     | 10              | .....          |
| Kentucky.....           | 217,890          | 218,171          | 5,114           | 4,781          | .....         | .....            | 281 McK      | * 1             | 12             |
| Louisiana.....          | 77,175           | 22,037           | 1,834           | .....          | .....         | .....            | 55,138 B     | 8               | .....          |
| Maine.....              | 34,688           | 80,465           | 1,870           | 1,570          | .....         | .....            | 45,777 McK   | .....           | 6              |
| Maryland.....           | 104,735          | 136,959          | 2,507           | 5,918          | 136           | 587              | 32,224 McK   | .....           | 8              |
| Massachusetts.....      | 165,711          | 278,976          | 11,749          | 2,998          | .....         | 2,114            | 173,265 McK  | .....           | 15             |
| Michigan.....           | 236,714          | 293,582          | 6,879           | 5,025          | 1,995         | 297              | 56,868 McK   | .....           | 14             |
| Minnesota.....          | 139,626          | 193,501          | 3,202           | 4,343          | .....         | 867              | 53,875 McK   | .....           | 9              |
| Mississippi.....        | 63,859           | 5,130            | 1,071           | 485            | .....         | .....            | 58,729 B     | 9               | .....          |
| Missouri.....           | 363,667          | 304,940          | 2,355           | 2,169          | 293           | 596              | 58,727 B     | 17              | .....          |
| Montana.....            | 42,537           | 10,494           | .....           | 186            | .....         | .....            | 32,043 B     | 3               | .....          |
| Nebraska.....           | 115,880          | 102,304          | 2,885           | 1,193          | 797           | 186              | 13,576 B     | 8               | .....          |
| Nevada.....             | 8,377            | 1,938            | .....           | .....          | .....         | .....            | 6,439 B      | 3               | .....          |
| New Hampshire.....      | 21,650           | 57,444           | 3,520           | 779            | 49            | 228              | 35,794 McK   | .....           | 4              |
| New Jersey.....         | 133,675          | 221,367          | 6,373           | 5,614          | .....         | 3,985            | 87,692 McK   | .....           | 10             |
| New York.....           | 551,369          | 819,838          | 18,950          | 16,052         | .....         | 17,667           | 268,469 McK  | .....           | 36             |
| North Carolina.....     | 174,488          | 155,222          | 578             | 675            | 247           | .....            | 19,266 B     | 11              | .....          |
| North Dakota.....       | 20,686           | 26,335           | .....           | 358            | .....         | .....            | 5,649 McK    | .....           | 3              |
| Ohio.....               | 477,494          | 525,991          | 1,857           | 5,068          | 2,716         | 1,167            | 47,497 McK   | .....           | 23             |
| Oregon.....             | 46,662           | 48,779           | 977             | 919            | .....         | .....            | 2,117 McK    | .....           | 4              |
| Pennsylvania.....       | 433,228          | 728,300          | 11,000          | 19,274         | 870           | 1,683            | 295,072 McK  | .....           | 32             |
| Rhode Island.....       | 14,459           | 37,437           | 1,166           | 1,160          | 5             | 558              | 22,978 McK   | .....           | 4              |
| South Carolina.....     | 58,798           | 9,281            | 828             | .....          | .....         | .....            | 49,517 B     | 9               | .....          |
| South Dakota.....       | 41,225           | 41,042           | .....           | 685            | .....         | .....            | 183 B        | 4               | .....          |
| Tennessee.....          | 166,268          | 148,773          | 1,951           | 3,098          | .....         | .....            | 17,495 B     | 12              | .....          |
| Texas.....              | 370,434          | 167,520          | 5,046           | 1,786          | .....         | .....            | 202,914 B    | 15              | .....          |
| Utah.....               | 64,517           | 13,484           | 21              | .....          | .....         | .....            | 51,033 B     | 3               | .....          |
| Vermont.....            | 10,637           | 51,127           | 1,331           | 733            | .....         | .....            | 40,490 McK   | .....           | 4              |
| Virginia.....           | 154,709          | 135,368          | 2,129           | 2,350          | .....         | 108              | 19,341 B     | 12              | .....          |
| Washington.....         | 51,646           | 39,153           | 1,668           | 968            | 148           | .....            | 12,493 B     | 4               | .....          |
| West Virginia.....      | 92,927           | 104,414          | 677             | 1,203          | .....         | .....            | 11,487 McK   | .....           | 6              |
| Wisconsin.....          | 165,523          | 268,135          | 4,584           | 7,509          | 346           | 1,314            | 102,612 McK  | .....           | 12             |
| Wyoming.....            | 10,655           | 10,072           | .....           | 136            | .....         | .....            | 583 B        | 3               | .....          |
| <b>Total.....</b>       | <b>6,502,925</b> | <b>7,104,779</b> | <b>133,424</b>  | <b>132,007</b> | <b>13,969</b> | <b>36,274</b>    | .....        | <b>176</b>      | <b>271</b>     |

\* In both California and Kentucky one Bryan candidate for elector was elected.

|  |                   |
|--|-------------------|
| Popular Vote, McKinley over Bryan.....   | <b>603,514</b>    |
| Electoral Vote, McKinley over Bryan..... | <b>286,728</b>    |
| Straight Fusion Vote for Bryan.....      | <b>95</b>         |
| Straight Populist Vote for Bryan.....    | <b>6,257,198</b>  |
| <b>Total Popular Vote, 1896.....</b>     | <b>245,728</b>    |
|  | <b>13,923,378</b> |

### POPULIST VOTE FOR BRYAN AND WATSON.

The Populist vote in 1896 was divided between the Bryan and Sewall Democratic ticket and the Bryan and Watson Populist ticket. A majority of the Populists voted for the former, and their votes are merged in the aggregate. The following is a statement of the Populist popular vote for Bryan and Watson:

|                 |        |                    |        |                    |        |              |         |
|-----------------|--------|--------------------|--------|--------------------|--------|--------------|---------|
| Alabama.....    | 24,059 | Kansas.....        | 46,134 | New Hampshire..... | 379    | Vermont..... | 455     |
| California..... | 21,734 | Maine.....         | 2,487  | Ohio.....          | 26,015 | Wyoming..... | 286     |
| Colorado.....   | 2,339  | Massachusetts..... | 15,181 | Pennsylvania.....  | 11,174 | Total.....   | 245,728 |
| Florida.....    | 2,053  | Mississippi.....   | 7,511  | Tennessee.....     | 4,595  |              |         |
| Illinois.....   | 1,090  | Nevada.....        | 575    | Texas.....         | 79,572 |              |         |

For Electoral vote for Vice-President in 1896 see THE WORLD ALMANAC for 1899.

## The Electoral Vote in 1900.

The following is the electoral vote of the States as based upon the Apportionment act of Feb. 7, 1891:

| STATES.          | Electoral Votes. | STATES.            | Electoral Votes. | STATES.             | Electoral Votes. | STATES.            | Electoral Votes. |
|------------------|------------------|--------------------|------------------|---------------------|------------------|--------------------|------------------|
| Alabama.....     | 11               | Kansas.....        | 10               | Nevada.....         | 3                | Tennessee.....     | 12               |
| Arkansas.....    | 8                | Kentucky.....      | 13               | New Hampshire.....  | 4                | Texas.....         | 15               |
| California.....  | 9                | Louisiana.....     | 8                | New Jersey.....     | 10               | Utah.....          | 3                |
| Colorado.....    | 6                | Maine.....         | 6                | New York.....       | 36               | Vermont.....       | 4                |
| Connecticut..... | 4                | Maryland.....      | 8                | North Carolina..... | 11               | Virginia.....      | 19               |
| Delaware.....    | 3                | Massachusetts..... | 15               | North Dakota.....   | 3                | Washington.....    | 4                |
| Florida.....     | 4                | Michigan.....      | 14               | Ohio.....           | 23               | West Virginia..... | 6                |
| Georgia.....     | 13               | Minnesota.....     | 9                | Oregon.....         | 4                | Wisconsin.....     | 12               |
| Idaho.....       | 3                | Mississippi.....   | 9                | Rhode Island.....   | 3                | Wyoming.....       | 3                |
| Illinois.....    | 24               | Missouri.....      | 17               | South Carolina..... | 4                |                    |                  |
| Indiana.....     | 15               | Montana.....       | 3                | South Dakota.....   | 9                |                    |                  |
| Iowa.....        | 13               | Nebraska.....      | 8                | Utah.....           | 3                | Total.....         | 447              |

Electoral votes necessary to a choice.....294.



Election Returns.

BY STATES, COUNTIES, AND CONGRESSIONAL DISTRICTS.

ALABAMA.

| COUNTIES.<br>(66.) | GOVERNOR,<br>1898. |                | PRESIDENT, 1896.              |                       |                       |                        |  |
|--------------------|--------------------|----------------|-------------------------------|-----------------------|-----------------------|------------------------|--|
|                    | Johnston,<br>Dem.  | Deans,<br>Pop. | Bryan,<br>Dem.<br>and<br>Pop. | Mc-<br>Kinley<br>Rep. | Pal-<br>mer,<br>N. D. | Lev-<br>ering,<br>Pro. |  |
| Autauga.....       | 453                | 98             | 1,231                         | 289                   | 90                    | 11                     |  |
| Baldwin.....       | 1,166              | 63             | 726                           | 404                   | 34                    | 17                     |  |
| Barbour.....       | 2,246              | 399            | 2,657                         | 1,437                 | 315                   | 29                     |  |
| Bibb.....          | 1,377              | 1,021          | 1,516                         | 650                   | 39                    | 30                     |  |
| Blount.....        | 1,952              | 1,046          | 2,422                         | 2,619                 | 40                    | 30                     |  |
| Bullock.....       | 1,122              | 105            | 1,867                         | 749                   | 131                   | 16                     |  |
| Butler.....        | 1,536              | 1,923          | 1,809                         | 846                   | 88                    | 27                     |  |
| Calhoun.....       | 2,646              | 1,580          | 2,788                         | 1,222                 | 171                   | 115                    |  |
| Chambers.....      | 3,670              | 1,373          | 2,010                         | 1,057                 | 63                    | 27                     |  |
| Cherokee.....      | 1,134              | 1,190          | 1,776                         | 602                   | 89                    | 18                     |  |
| Chilton.....       | 917                | 1,028          | 1,181                         | 210                   | 52                    | 22                     |  |
| Choctaw.....       | 836                | 1,846          | 1,455                         | 357                   | 50                    | 11                     |  |
| Clarke.....        | 1,310              | 97             | 2,243                         | 502                   | 25                    | 22                     |  |
| Clay.....          | 1,428              | 1,310          | 1,410                         | 489                   | 37                    | 25                     |  |
| Cleburne.....      | 958                | 816            | 993                           | 472                   | 21                    | 33                     |  |
| Coffee.....        | 1,189              | 947            | 1,494                         | 114                   | 52                    | 24                     |  |
| Colbert.....       | 2,079              | 1,014          | 1,658                         | 1,754                 | 92                    | 14                     |  |
| Conecuh.....       | 838                | 1,072          | 931                           | 881                   | 155                   | 41                     |  |
| Coosa.....         | 1,282              | 1,371          | 1,293                         | 499                   | 49                    | 39                     |  |
| Covington.....     | 931                | 889            | 1,106                         | 89                    | 16                    | 16                     |  |
| Crenshaw.....      | 1,387              | 1,336          | 808                           | 530                   | 164                   | 28                     |  |
| Cullman.....       | 1,130              | 600            | 1,202                         | 447                   | 140                   | 27                     |  |
| Dale.....          | 1,036              | 1,446          | 2,155                         | 289                   | 94                    | 50                     |  |
| Dallas.....        | 2,983              | 73             | 4,061                         | 519                   | 52                    | 10                     |  |
| De Kalb.....       | 1,902              | 1,224          | 1,566                         | 1,446                 | 46                    | 28                     |  |
| Elmore.....        | 1,865              | 1,786          | 1,923                         | 1,379                 | 119                   | 46                     |  |
| Escambia.....      | 981                | 373            | 914                           | 482                   | 82                    | 20                     |  |
| Etowah.....        | 1,685              | 1,336          | 1,782                         | 873                   | 109                   | 36                     |  |
| Fayette.....       | 930                | 837            | 1,222                         | 441                   | 39                    | 14                     |  |
| Franklin.....      | 991                | 848            | 1,108                         | 483                   | 33                    | 17                     |  |
| Geneva.....        | 776                | 1,040          | 1,246                         | 46                    | 39                    | 21                     |  |
| Greene.....        | 1,324              | 32             | 1,864                         | 508                   | 24                    | 15                     |  |
| Hale.....          | 1,515              | 120            | 2,906                         | 933                   | 77                    | 43                     |  |
| Henry.....         | 2,311              | 2,118          | 3,060                         | 675                   | 246                   | 46                     |  |
| Jackson.....       | 2,117              | 804            | 3,556                         | 675                   | 117                   | 31                     |  |
| Jefferson.....     | 5,020              | 982            | 8,819                         | 3,394                 | 450                   | 399                    |  |
| Lamar.....         | 1,650              | 422            | 1,263                         | 569                   | 69                    | 22                     |  |
| Lauderdale.....    | 2,045              | 552            | 2,300                         | 1,024                 | 45                    | 15                     |  |
| Lawrence.....      | 1,370              | 1,200          | 1,248                         | 1,685                 | 31                    | 45                     |  |
| Lee.....           | 2,692              | 960            | 1,737                         | 1,491                 | 133                   | 41                     |  |
| Limestone.....     | 1,633              | 242            | 1,812                         | 1,320                 | 27                    | 23                     |  |
| Lowndes.....       | 3,965              | 48             | 3,001                         | 642                   | 40                    | 6                      |  |
| Macon.....         | 803                | 15             | 1,043                         | 259                   | 56                    | 5                      |  |
| Madison.....       | 3,408              | 162            | 4,052                         | 2,543                 | 103                   | 46                     |  |
| Marengo.....       | 1,735              | 90             | 3,168                         | 764                   | 62                    | 13                     |  |
| Marion.....        | 1,219              | 484            | 1,301                         | 502                   | 23                    | 3                      |  |
| Marshall.....      | 1,447              | 1,637          | 1,944                         | 520                   | 37                    | 33                     |  |
| Mobile.....        | 1,678              | 230            | 3,948                         | 2,778                 | 482                   | 149                    |  |
| Monroe.....        | 1,191              | 69             |                               |                       |                       |                        |  |
| Montgomery.....    | 2,616              | 45             | 2,653                         | 977                   | 526                   | 44                     |  |
| Morgan.....        | 2,124              | 1,113          | 3,128                         | 1,462                 | 195                   | 52                     |  |
| Perry.....         | 1,453              | 45             | 2,882                         | 463                   | 34                    | 10                     |  |
| Pickens.....       | 2,019              | 1,131          | 2,210                         | 211                   | 66                    | 17                     |  |
| Pike.....          | 1,436              | 1,131          | 2,077                         | 862                   | 292                   | 43                     |  |
| Randolph.....      | 1,594              | 685            | 1,442                         | 802                   | 55                    | 22                     |  |
| Russell.....       | 904                | 21             | 1,645                         | 773                   | 35                    | 3                      |  |
| Shelby.....        | 1,284              | 1,597          | 1,582                         | 1,051                 | 65                    | 19                     |  |
| St. Clair.....     | 701                | 1,467          | 1,664                         | 603                   | 47                    | 25                     |  |
| Sumter.....        | 869                | 21             | 1,834                         | 1,459                 | 186                   | 18                     |  |
| Talladega.....     | 2,098              | 765            | 1,854                         | 922                   | 49                    | 40                     |  |
| Tallapoosa.....    | 3,059              | 1,575          | 2,681                         | 625                   | 106                   | 81                     |  |
| Tuscaloosa.....    | 2,486              | 1,636          | 2,151                         | 905                   | 79                    | 51                     |  |
| Walker.....        | 1,944              | 811            | 1,244                         | 1,101                 | 22                    | 22                     |  |
| Washington.....    | 1,017              | 163            | 646                           | 224                   | 46                    | 10                     |  |
| Wilcox.....        | 2,139              | 34             | 2,956                         | 45                    | 45                    | 3                      |  |
| Winston.....       | 686                | 97             | 549                           | 589                   | 6                     | 5                      |  |
| Total.....         | 110,557            | 50,052         | 130,807                       | 54,787                | 6,462                 | 2,147                  |  |
| Plurality.....     | 60,508             |                | 75,570                        |                       |                       |                        |  |
| Per cent.....      | 66.93              | 93.07          | 67.44                         | 28.18                 | 3.321                 | 1.103                  |  |
| Scattering.....    | 4,411              |                |                               |                       |                       |                        |  |
| Whole vote.....    | 165,020            |                |                               | 194,572               |                       |                        |  |

ALABAMA—Continued.

The scattering vote for Governor in 1898 was : A. J. Warner, Negro Rep., 3,084 ; W. B. Witherspoon, Pro., 1,327.

Bryan's Democratic vote in 1896 was 105,390, and the Populist vote, 24,917.

Vote for State officers, August, 1896: For Governor, Joseph F. Johnston, Dem., 128,541; Goodwyn, Rep. and Pop., 89,290. Johnston's majority, 39,251.

NOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

- I. Counties of Choctaw, Clarke, Marengo, Mobile, Monroe, and Washington. Geo. W. Taylor, Dem., 5,996; A. N. Johnson, Rep., 1,061. Taylor's majority, 4,925.
- II. Counties of Baldwin, Butler, Conecuh, Covington, Crenshaw, Escambia, Montgomery, Pike, and Wilcox. J. F. Stallings, Dem., 9,145; F. Simmons, Rep., 1,620; J. H. Giddens, Ind., 209. Stallings' plurality, 7,525.
- III. Counties of Barbour, Bullock, Coffee, Dale, Geneva, Henry, Lee, and Russell. H. D. Clayton, Dem., 8,287; J. N. Fitzpatrick, Ind., 262. Clayton's majority, 8,025.
- IV. Counties of Calhoun, Chilton, Cleburne, Dallas, Shelby, and Talladega. F. A. Robbins, Dem., 6,915; W. F. Aldrich, Rep., 5,885. Robbins' majority, 1,230.
- V. Counties of Autauga, Chambers, Clay, Coosa, Elmore, Lowndes, Macon, Randolph, and Tallapoosa. Willis Brewer, Dem., 8,842; D. Smith, Rep., 2,504. Brewer's majority, 6,338.
- VI. Counties of Fayette, Greene, Lamar, Marion, Pickens, Sumter, Tuscaloosa, and Walker. John H. Bankhead, Dem., 7,009; D. Cooper, Rep., 2,942. Bankhead's majority, 4,067.
- VII. Counties of Cherokee, Cullman, De Kalb, Etowah, Franklin, Marshall, St. Clair, and Winston. J. L. Burnett, Dem., 6,949; O. B. Street, Rep., 5,032; F. H. Lathrop, Pop., 3,992. Burnett's plurality, 1,917.
- VIII. Counties of Colbert, Jackson, Lauderdale, Lawrence, Limestone, Madison, and Morgan. Joseph Wheeler, Dem., 6,363. No opposition.
- IX. Counties of Bibb, Blount, Hale, Perry, and Jefferson. Oscar W. Underwood, Dem., 7,155; J. G. McEnery, Rep., 1,392; L. L. Schwarz, Ind., 160. Underwood's plurality, 5,853.

PRESENT STATE GOVERNMENT.

Governor, Joseph F. Johnston; Secretary of State, R. P. McDavid; Treasurer, Geo. W. Ellis; Auditor and Comptroller, Walter S. White; Adjutant-General, W. W. Brandon; Attorney-General, C. G. Brown; Superintendent of Education, J. W. Abercrombie; Commissioner of Agriculture, Isaac F. Culver—all Democrats.

JUDICIARY.

Supreme Court: Chief Justice, Thomas N. McClellan; Associate Justices, Jonathan Haralson, John R. Tyson, Henry A. Sharpe, and James R. Dowdell; Clerk, R. F. Ligon, Jr.—all Democrats.

STATE LEGISLATURE, 1899.

The Legislature is overwhelmingly Democratic.

ALABAMA—Continued.

| VOTE OF THE STATE SINCE 1872. |         |        |         |       |           |
|-------------------------------|---------|--------|---------|-------|-----------|
|                               | Dem.    | Rep.   | Gr.     | Pro.  | Plu.      |
| 1872. President..             | 79,229  | 90,272 | .....   | ..... | *10,974 R |
| 1876. President..             | 102,002 | 68,330 | .....   | ..... | *33,772 D |
| 1880. President..             | 90,667  | 56,178 | 4,642   | ..... | 54,509 D  |
| 1882. Governor..              | 100,391 | 46,386 | .....   | ..... | *54,199 D |
| 1884. President..             | 92,973  | 59,144 | 762     | ..... | 33,829 D  |
| 1886. Governor..              | 144,821 | 37,116 | .....   | 576   | 107,621 D |
| 1888. Governor..              | 155,973 | 44,770 | .....   | 343   | 111,203 D |
| 1888. President..             | 117,320 | 56,197 | .....   | 685   | 61,123 D  |
| 1890. Governor..              | 139,910 | 42,440 | .....   | 1,380 | 97,470 D  |
| Pop.                          |         |        |         |       |           |
| 1892. Governor..              | 126,959 | .....  | 115,522 | ..... | *11,437 D |
| 1892. President..             | 138,135 | 9,197  | 85,181  | 239   | 52,937 D  |
| 1894. Governor..              | 110,865 | .....  | 83,283  | ..... | *27,582 D |
| R. & Pop.                     |         |        |         |       |           |
| 1896. Governor..              | 128,541 | 89,390 | .....   | ..... | *39,251 D |
| Rep. N. D.                    |         |        |         |       |           |
| 1896. President..             | 130,307 | 54,737 | 6,462   | 2,147 | 75,570 D  |
| 1898. Governor..              | 111,936 | 52,164 | .....   | ..... | 59,772 D  |

\* Majority.

ARIZONA.

| COUNTIES.<br>(11.) | CONGRESS,<br>1896. |                |                 | CONGRESS,<br>1894.    |                      |                 |
|--------------------|--------------------|----------------|-----------------|-----------------------|----------------------|-----------------|
|                    | Smith,<br>Dem.     | Doran,<br>Rep. | O'Neill<br>Pop. | Herd-<br>don,<br>Dem. | Mur-<br>phy,<br>Rep. | O'Neill<br>Pop. |
| Apache.....        | 227                | 220            | 18              | 432                   | 471                  | 70              |
| Cochise.....       | 521                | 262            | 357             | 340                   | 481                  | 329             |
| Cocouino.....      | 353                | 415            | 225             | 354                   | 441                  | 166             |
| Gila.....          | 302                | 140            | 380             | 161                   | 118                  | 266             |
| Graham.....        | 791                | 264            | 241             | 563                   | 450                  | 188             |
| Maricopa.....      | 1,414              | 1,063          | 788             | 1,124                 | 1,331                | 727             |
| Mohave.....        | 187                | 43             | 315             | 111                   | 110                  | 278             |
| Navajo.....        | 274                | 246            | 41              | .....                 | .....                | .....           |
| Pima.....          | 618                | 413            | 275             | 556                   | 667                  | 213             |
| Pinal.....         | 271                | 148            | 104             | 186                   | 304                  | 113             |
| Yavapai.....       | 921                | 767            | 1,068           | 313                   | 1,103                | 523             |
| Yuma.....          | 221                | 99             | 193             | 128                   | 166                  | 133             |
| Total.....         | 6,065              | 4,090          | 3,895           | 4,773                 | 5,648                | 3,006           |
| Plurality.....     | 1,975              | .....          | .....           | .....                 | 875                  | .....           |
| Per cent.....      | 43.16              | 29.11          | 27.73           | 35.81                 | 42.40                | 21.78           |
| Whole vote.        | 14,050             | .....          | .....           | 13,427                | .....                | .....           |

Delegate to Congress, elected 1898: J. F. Wilson, Dem., received 8,212 votes to 7,384 votes cast for A. O. Brodie, Rep.

JUDICIARY.

Supreme Court: Chief Justice, Webster Street; Associate Justices, Richard E. Sloan, Fletcher M. Doan, George R. Davis; Clerk, Lloyd Johnston—all Republicans.

PRESENT TERRITORIAL GOVERNMENT.

Governor, N. O. Murphy; Secretary, Charles H. Akers; Treasurer, T. W. Pemberton; Auditor, G. W. Vickers; Adjutant-General, H. P. Robinson; Attorney-General, C. A. Ainsworth; Superintendent of Education, R. L. Long—all Republicans.

TERRITORIAL LEGISLATURE, 1899.

|                          | Council. | House. |
|--------------------------|----------|--------|
| Democrats.....           | 8        | 13     |
| Republicans.....         | 4        | 11     |
| Democratic majority..... | 4        | 2      |

VOTE OF THE TERRITORY SINCE 1878.

|           | Dem.  | Rep.  | Gr.   | Ind.  | Maj.     |
|-----------|-------|-------|-------|-------|----------|
| 1878..... | 2,542 | ..... | 1,097 | 822   | *1,445 D |
| 1880..... | 4,095 | 3,606 | ..... | ..... | 489 D    |
| 1882..... | 6,121 | 5,141 | ..... | ..... | 980 D    |
| 1884..... | 5,595 | 6,747 | ..... | ..... | 1,152 R  |
| 1886..... | 6,355 | 4,472 | ..... | ..... | 1,883 D  |
| 1888..... | 7,636 | 3,852 | ..... | ..... | 3,234 D  |
| 1890..... | 6,137 | 4,941 | ..... | ..... | 1,196 D  |
| 1892..... | 7,153 | 5,171 | ..... | ..... | 1,981 D  |
| Pop.      |       |       |       |       |          |
| 1894..... | 4,773 | 5,648 | 3,006 | ..... | *875 R   |
| 1896..... | 6,065 | 4,090 | 3,895 | ..... | *1,975 D |

\* Plurality.

ARKANSAS.

| COUNTIES.<br>(75.) | GOVERNOR,<br>1888. |                     |                      | PRESIDENT,<br>1896.      |             |                        |
|--------------------|--------------------|---------------------|----------------------|--------------------------|-------------|------------------------|
|                    | Jones,<br>Dem.     | Au-<br>ten,<br>Rep. | Mor-<br>gan,<br>Pop. | Bryan,<br>Dem.<br>& Pop. | Kin-<br>ley | Lev-<br>ering,<br>Pro. |
| Arkansas.....      | 974                | 539                 | 41                   | 1,175                    | 650         | 11                     |
| Ashley.....        | 532                | 214                 | 12                   | 1,760                    | 405         | 72                     |
| Baxter.....        | 539                | 182                 | 18                   | 980                      | 262         | 2                      |
| Benton.....        | 1,654              | 646                 | 141                  | 3,548                    | 683         | 9                      |
| Boone.....         | 865                | 360                 | 36                   | 1,730                    | 573         | 13                     |
| Bradley.....       | 525                | 13                  | 17                   | 976                      | 185         | 2                      |
| Calhoun.....       | 410                | 33                  | 6                    | 910                      | 216         | 2                      |
| Carroll.....       | 1,056              | 617                 | 75                   | 1,790                    | 875         | 21                     |
| Chicot.....        | 656                | 48                  | .....                | 418                      | 258         | 67                     |
| Clark.....         | 1,123              | 566                 | 730                  | 1,910                    | 833         | 25                     |
| Clay.....          | 1,119              | 382                 | 116                  | 1,537                    | 475         | 12                     |
| Cleburne.....      | 803                | 103                 | 238                  | 1,047                    | 109         | 4                      |
| Cleveland.....     | 554                | 82                  | 35                   | 1,269                    | 231         | 8                      |
| Columbia.....      | 859                | 165                 | 34                   | 2,159                    | 537         | 7                      |
| Conway.....        | 1,290              | 506                 | 27                   | 2,255                    | 656         | 11                     |
| Craighead.....     | 1,513              | 288                 | 154                  | 1,890                    | 329         | 3                      |
| Crawford.....      | 1,782              | 1,367               | 103                  | 1,870                    | 1,311       | 10                     |
| Crittenden.....    | 693                | 46                  | 7                    | 625                      | 258         | 5                      |
| Cross.....         | 427                | 92                  | 9                    | 908                      | 224         | 1                      |
| Dallas.....        | 555                | 248                 | 56                   | 1,032                    | 479         | 2                      |
| Desha.....         | 269                | 28                  | 3                    | 396                      | 290         | 9                      |
| Drew.....          | 891                | 398                 | 117                  | 1,754                    | 603         | 6                      |
| Faulkner.....      | 1,421              | 331                 | 379                  | 2,044                    | 556         | 8                      |
| Franklin.....      | 1,152              | 248                 | 115                  | 1,746                    | 424         | 38                     |
| Fulton.....        | 874                | 286                 | 63                   | 1,259                    | 333         | 1                      |
| Garland.....       | 1,197              | 491                 | 48                   | 1,465                    | 703         | 36                     |
| Grant.....         | 649                | 66                  | 18                   | 801                      | 125         | 3                      |
| Greene.....        | 1,108              | 243                 | 84                   | 1,627                    | 262         | 4                      |
| Hempstead.....     | 1,560              | 902                 | 50                   | 1,832                    | 1,203       | 19                     |
| Hot Spring.....    | 707                | 131                 | 130                  | 1,331                    | 992         | 12                     |
| Howard.....        | 777                | 165                 | 117                  | 1,392                    | 994         | 2                      |
| Independence.....  | 1,502              | 513                 | 421                  | 2,089                    | 567         | 11                     |
| Izard.....         | 1,003              | 264                 | 60                   | 1,507                    | 285         | 13                     |
| Jackson.....       | 1,191              | 511                 | 33                   | 1,585                    | 558         | 9                      |
| Jefferson.....     | 1,766              | 874                 | 65                   | 1,653                    | 1,050       | 20                     |
| Johnson.....       | 1,223              | 394                 | 172                  | 1,831                    | 491         | 6                      |
| Lafayette.....     | 578                | 341                 | 34                   | 608                      | 423         | 3                      |
| Lawrence.....      | 1,241              | 299                 | 162                  | 1,679                    | 337         | 14                     |
| Lee.....           | 1,610              | 679                 | .....                | 1,946                    | 213         | 19                     |
| Lincoln.....       | 1,037              | 143                 | 42                   | 1,026                    | 236         | 1                      |
| Little River.....  | 820                | 260                 | 52                   | 852                      | 273         | 7                      |
| Logan.....         | 1,339              | 895                 | 62                   | 1,786                    | 946         | 3                      |
| Lonoke.....        | 1,686              | 550                 | 162                  | 2,300                    | 437         | 13                     |
| Madison.....       | 1,557              | 1,189               | 27                   | 1,689                    | 1,260       | 17                     |
| Marion.....        | 724                | 221                 | 16                   | 1,212                    | 336         | 3                      |
| Miller.....        | 703                | 258                 | 98                   | 1,073                    | 565         | 5                      |
| Mississippi.....   | 1,019              | 173                 | 25                   | 815                      | 168         | .....                  |
| Monroe.....        | 615                | 152                 | 12                   | 1,019                    | 436         | 60                     |
| Montgomery.....    | 561                | 136                 | 87                   | 1,008                    | 220         | .....                  |
| Nevada.....        | 985                | 371                 | 438                  | 1,669                    | 469         | 7                      |
| Newton.....        | 488                | 661                 | 29                   | 659                      | 733         | 8                      |
| Ouachita.....      | 1,019              | 702                 | 36                   | 1,366                    | 1,029       | 9                      |
| Perry.....         | 498                | 153                 | 44                   | 678                      | 217         | 2                      |
| Phillips.....      | 960                | 62                  | .....                | 1,085                    | 815         | 35                     |
| Pike.....          | 712                | 164                 | 218                  | 864                      | 231         | 1                      |
| Poinsett.....      | 558                | 111                 | 15                   | 672                      | 130         | 7                      |
| Polk.....          | 786                | 287                 | 400                  | 1,004                    | 51          | 8                      |
| Pope.....          | 1,430              | 524                 | 77                   | 2,315                    | 762         | 8                      |
| Prairie.....       | 851                | 430                 | 34                   | 1,145                    | 633         | 2                      |
| Pulaski.....       | 1,973              | 769                 | 56                   | 3,021                    | 1,754       | 45                     |
| Randolph.....      | 1,730              | 343                 | 66                   | 1,915                    | 307         | .....                  |
| Saline.....        | 1,069              | 133                 | 71                   | 1,417                    | 268         | .....                  |
| Scott.....         | 767                | 187                 | 119                  | 1,260                    | 264         | 6                      |
| Searcy.....        | 620                | 715                 | 13                   | 615                      | 737         | 2                      |
| Sebastian.....     | 1,784              | 675                 | 113                  | 2,622                    | 1,009       | 17                     |
| Sevier.....        | 814                | 191                 | 267                  | 1,166                    | 170         | 3                      |
| Sharp.....         | 769                | 198                 | 104                  | 1,383                    | 230         | 2                      |
| St. Francis.....   | 512                | 140                 | 20                   | 1,087                    | 455         | 5                      |
| Stone.....         | 478                | 143                 | 111                  | 728                      | 172         | 2                      |
| Union.....         | 984                | 68                  | 51                   | 1,749                    | 148         | 31                     |
| Van Buren.....     | 805                | 406                 | 145                  | 846                      | 374         | 6                      |
| Washington.....    | 1,840              | 962                 | 297                  | 3,208                    | 1,197       | 23                     |
| White.....         | 1,901              | 496                 | 1,081                | 2,876                    | 559         | 8                      |
| Woodruff.....      | 1,011              | 306                 | 15                   | 1,478                    | 620         | 4                      |
| Yell.....          | 1,553              | 659                 | 31                   | 2,261                    | 812         | 8                      |
| Total.....         | 75,362             | 27,524              | 8,332                | 110,103                  | 37,512      | 889                    |
| Plurality.....     | 47,838             | .....               | .....                | 72,591                   | .....       | .....                  |
| Per cent.....      | 67.76              | 24.75               | 7.49                 | 73.75                    | 25.13       | 0.55                   |
| Whole vote.        | 111,218            | .....               | .....                | 149,347                  | .....       | .....                  |

Bentley, Nat. Pro., received 893 votes in 1896.



ARKANSAS—Continued.

VOTE FOR STATE OFFICERS, 1896.

The vote for Governor in 1896 was: D. W. Jones, Dem., 91,114. H. L. Remmel, Rep., 35,836; A. W. Files, Pop., 13,990; J. W. Miller, Pro., 851. Jones' plurality 55,278. The vote for Secretary of State was: A. C. Hull, Dem., 96,999; H. A. Reynolds, Rep. 40,319. Hull's majority 56,680.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1896. Districts.

I. Counties of Clay, Craighead, Crittenden, Cross, Greene, Jackson, Lawrence, Lee, Mississippi, Phillips, Poinsett, Randolph, Sharp, St. Francis, and Woodruff. P. D. McCulloch, Jr., Dem., 4,103; scattering, 38. McCulloch's majority, 4,065.

II. Counties of Bradley, Cleveland, Dallas, Drew, Garland, Grant, Hot Spring, Jefferson, Lincoln, Montgomery, Polk, Saline, Scott, and Sebastian. John S. Little, Dem., 3,415; scattering, 8. Little's majority, 3,407.

III. Counties of Ashley, Calhoun, Chicot, Clark, Columbia, Desha, Hempstead, Howard, Lafayette, Little River, Miller, Nevada, Ouachita, Pike, Sevier, and Union. Thomas C. McRae, Dem., 3,866; scattering, 1. McRae's majority, 3,865.

IV. Counties of Conway, Franklin, Johnson, Logan, Perry, Pope, Pulaski, and Yell. W. L. Terry, Dem., 3,665; scattering, 37. Terry's majority, 3,628.

V. Counties of Benton, Boone, Carroll, Crawford, Faulkner, Madison, Newton, Searcy, Van Buren, and Washington. Hugh A. Dinsmore, Dem., 6,423; J. T. Hopper, Rep., 2,706. Dinsmore's majority, 3,717.

VI. Counties of Arkansas, Baxter, Cleburne, Fulton, Independence, Izard, Lonoke, Marion, Monroe, Prairie, Stone, and White. S. Brundidge, Jr., Dem., 2,732; scattering, 4. Brundidge's majority 2,728.

PRESENT STATE GOVERNMENT.

Governor, Daniel W. Jones; Secretary of State, Alex. C. Hull; Treasurer, Thomas E. Little; Auditor, Clay Sloan; Attorney-General, Jefferson Davis; Superintendent of Education, J. J. Doyno; Commissioner of Agriculture, Frank Hill; Land Commissioner, J. W. Colquitt—all Democrats.

JUDICIARY.

Supreme Court: Chief Justice, Henry G. Bunn; Justices, Simon P. Hughes, C. D. Wood, Burrill B. Battle, and James E. Riddick; Clerk of the Court, P. D. English—all Democrats.

STATE LEGISLATURE, 1899.

Senate House, Joint Battol.

|                      |    |    |     |
|----------------------|----|----|-----|
| Democrats.....       | 32 | 98 | 130 |
| Republicans.....     | 2  | 2  | 4   |
| Democratic majority. | 32 | 96 | 128 |

VOTE OF THE STATE SINCE 1872.

|               | Dem.   | Rep.   | Gr.    | Wheel. | Pro. | Mj.    |   |
|---------------|--------|--------|--------|--------|------|--------|---|
| 1872, Pres... | 37,927 | 41,073 |        |        |      | 3,146  | R |
| 1874, Cong..  | 40,928 | 23,787 |        |        |      | 18,151 | D |
| 1876 Pres...  | 58,083 | 38,669 |        |        |      | 19,414 | D |
| 1878 Cong..   | 32,652 |        | 18,967 |        |      | 13,685 | D |
| 1880, Pres... | 60,865 | 42,549 | 4,079  |        |      | 18,316 | D |
| 1882 Gov....  | 87,675 | 49,352 | 10,142 |        |      | 38,323 | D |
| 1884 Pres...  | 72,927 | 50,895 | 1,847  |        |      | 22,032 | D |
| 1886 Gov....  | 90,650 | 54,070 |        | 19,169 |      | 36,580 | D |

|               | U. Lab. | Pro.   |        |     |        |   |
|---------------|---------|--------|--------|-----|--------|---|
| 1888, Gov.... | 90,229  | 84,323 | 15,006 | D   |        |   |
| 1888, Pres... | 85,962  | 58,752 | 10,613 | 641 | 27,210 | D |
| 1889, Snp.Ct. | 52,825  | 41,615 |        |     | 11,210 | D |
| 1890, Gov.... | 106,267 | 85,181 |        |     | 21,086 | D |

|               |         |        |        |       |         |   |
|---------------|---------|--------|--------|-------|---------|---|
| 1892, Pres... | 87,834  | 46,884 | 11,221 | 113   | *40,950 | D |
| 1894 Gov....  | 74,809  | 26,055 | 24,541 | 1,551 | *48,724 | D |
| 1896 Gov....  | 91,114  | 35,836 | 13,990 | 851   | *55,278 | D |
| 1896, Pres... | 110,103 | 37,612 |        | 839   | *72,591 | D |
| 1896, Gov.... | 75,362  | 27,524 | 8,332  | 679   | *47,838 | D |

\* Plurality.

CALIFORNIA.

| COUNTIES.<br>(57.) | GOVERNOR,<br>1896.     |               |                        |                           | PRESIDENT,<br>1896. |                       |
|--------------------|------------------------|---------------|------------------------|---------------------------|---------------------|-----------------------|
|                    | Ma-<br>jority.<br>Fus. | Rep.<br>Gage. | Mc.Co-<br>mas.<br>Pro. | Harris-<br>man,<br>Soe L. | Bryan,<br>F. Pop.   | Mc-<br>Kinley<br>Rep. |
| Alameda.....       | 8,308                  | 12,080        | 220                    | 496                       | 8,316               | 13,378                |
| Alpine.....        | 28                     | 64            |                        |                           | 39                  | 336                   |
| Amador.....        | 1,304                  | 1,351         | 27                     | 24                        | 1,330               | 1,142                 |
| Butte.....         | 2,012                  | 2,245         | 69                     | 43                        | 2,114               | 2,084                 |
| Calaveras.....     | 1,432                  | 1,609         | 19                     | 23                        | 1,511               | 1,532                 |
| Colusa.....        | 1,076                  | 964           | 18                     | 30                        | 1,243               | 969                   |
| Contra Costa..     | 1,472                  | 1,893         | 29                     | 22                        | 1,370               | 1,825                 |
| Del Norte.....     | 305                    | 354           | 9                      | 13                        | 328                 | 343                   |
| El Dorado.....     | 1,415                  | 1,332         | 26                     | 34                        | 1,367               | 1,124                 |
| Fresno.....        | 3,390                  | 2,783         | 162                    | 117                       | 3,429               | 2,777                 |
| Glenn.....         | 828                    | 561           | 14                     | 7                         | 825                 | 473                   |
| Humboldt.....      | 2,207                  | 3,171         | 84                     | 123                       | 2,462               | 3,167                 |
| Inyo.....          | 508                    | 478           | 17                     | 13                        | 532                 | 286                   |
| Kern.....          | 1,836                  | 1,723         | 21                     | 67                        | 1,755               | 1,405                 |
| Kings.....         | 898                    | 918           | 27                     | 11                        | 897                 | 714                   |
| Lake.....          | 757                    | 627           | 50                     | 30                        | 850                 | 650                   |
| Lassen.....        | 438                    | 558           | 14                     | 16                        | 524                 | 417                   |
| Los Angeles...     | 12,652                 | 14,983        | 1,133                  | 479                       | 16,151              | 16,839                |
| Madera.....        | 765                    | 558           | 16                     | 17                        | 744                 | 456                   |
| Mariposa.....      | 945                    | 1,345         | 8                      | 47                        | 877                 | 1,450                 |
| Mariposa.....      | 747                    | 521           | 19                     | 13                        | 801                 | 563                   |
| Mendocino.....     | 2,188                  | 2,004         | 56                     | 25                        | 2,410               | 2,087                 |
| Merced.....        | 1,074                  | 801           | 32                     | 18                        | 1,119               | 659                   |
| Modoc.....         | 549                    | 375           | 8                      | 12                        | 575                 | 300                   |
| Mono.....          | 241                    | 335           | 3                      | 2                         | 314                 | 255                   |
| Monterey.....      | 2,050                  | 1,995         | 77                     | 54                        | 2,137               | 1,830                 |
| Napa.....          | 1,578                  | 1,947         | 47                     | 41                        | 1,473               | 2,025                 |
| Nevada.....        | 1,971                  | 2,577         | 50                     | 19                        | 2,137               | 1,981                 |
| Orange.....        | 1,781                  | 1,992         | 177                    | 32                        | 1,709               | 1,900                 |
| Placer.....        | 1,808                  | 2,216         | 34                     | 28                        | 1,463               | 1,855                 |
| Plumas.....        | 544                    | 690           | 8                      | 8                         | 585                 | 674                   |
| Riverside.....     | 1,518                  | 2,118         | 179                    | 69                        | 1,679               | 2,054                 |
| Sacramento...      | 3,414                  | 5,689         | 57                     | 102                       | 4,337               | 4,610                 |
| San Benito.....    | 984                    | 738           | 19                     | 14                        | 963                 | 732                   |
| S. Bernardino.     | 2,506                  | 2,688         | 223                    | 98                        | 2,740               | 2,811                 |
| San Diego.....     | 3,259                  | 5,516         | 144                    | 208                       | 3,800               | 3,507                 |
| San Francisco.     | 24,632                 | 28,218        | 134                    | 1,368                     | 30,512              | 30,820                |
| San Joaquin...     | 3,013                  | 3,894         | 80                     | 121                       | 3,480               | 3,461                 |
| S. Luis Obispo     | 1,828                  | 1,657         | 65                     | 31                        | 2,063               | 1,561                 |
| San Mateo.....     | 1,098                  | 1,587         | 14                     | 36                        | 982                 | 1,396                 |
| Santa Barbara      | 1,736                  | 2,072         | 95                     | 95                        | 1,916               | 1,940                 |
| Santa Clara...     | 4,883                  | 6,821         | 179                    | 292                       | 5,218               | 6,434                 |
| Santa Cruz.....    | 2,081                  | 2,149         | 78                     | 93                        | 1,948               | 1,954                 |
| Shasta.....        | 2,023                  | 1,598         | 52                     | 71                        | 1,908               | 1,193                 |
| Sierra.....        | 480                    | 757           | 4                      | 5                         | 627                 | 704                   |
| Siskiyou.....      | 1,722                  | 1,737         | 21                     | 83                        | 1,711               | 1,405                 |
| Solano.....        | 2,262                  | 3,005         | 62                     | 95                        | 2,284               | 2,702                 |
| Sonoma.....        | 3,587                  | 4,063         | 83                     | 100                       | 3,560               | 4,005                 |
| Stanislaus.....    | 1,336                  | 1,127         | 58                     | 21                        | 1,365               | 907                   |
| Sutter.....        | 704                    | 880           | 20                     | 13                        | 710                 | 794                   |
| Tehama.....        | 1,170                  | 1,088         | 15                     | 25                        | 1,131               | 963                   |
| Trinity.....       | 684                    | 687           | 7                      | 14                        | 488                 | 493                   |
| Tulare.....        | 2,245                  | 1,725         | 74                     | 204                       | 2,675               | 1,418                 |
| Tuolumne.....      | 1,598                  | 1,219         | 49                     | 42                        | 1,360               | 835                   |
| Ventura.....       | 1,369                  | 1,643         | 81                     | 57                        | 1,466               | 1,556                 |
| Yolo.....          | 1,651                  | 1,695         | 48                     | 33                        | 1,761               | 1,476                 |
| Yuba.....          | 1,011                  | 1,273         | 20                     | 16                        | 1,007               | 1,204                 |
| Total.....         | 129,261                | 148,854       | 4,297                  | 5,143                     | 143,373             | 146,170               |
| Plurality.....     |                        | 19,093        |                        |                           |                     | 2,797                 |
| Per cent.....      | 45.08                  | 51.68         | 1.49                   | 1.79                      | 48.36               | 49.29                 |
| Scattering.....    |                        | 9             |                        |                           | 7,237               |                       |
| Whole vote...      |                        | 287,064       |                        |                           | 296,503             |                       |

In 1898 the Republicans and United Labor combined on Gage, and the Democrats, People's Party, and Silver Republicans supported Maguire.

Bryan's Populist vote was 21,744. One Bryan elector, J. W. Martin, was elected by a plurality of 148 votes. The scattering vote for President in 1896 was: Palmer, Nat. Dem., 2,006; Levering, Pro., 2,573; Bentley, Nat. Pro., 1,047; Matchett, Soc. L., 1,611.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1896. Districts.

I. Counties of Del Norte, Humboldt, Lassen, Marin, Mendocino, Modoc, Napa, Plumas, Shasta, Sierra, Siskiyou, Sonoma, Tehama, and Trinity. Emmett Seawell, Fus., 18,244; John A. Barham, Rep., 19,598. Barham's majority, 1,354.

CALIFORNIA—Continued.

II. Counties of Alpine, Amador, Butte, Calaveras, Eldorado, Inyo, Mariposa, Mono, Nevada, Placer, Sacramento, San Joaquin, Sutter, Tuolumne, and Yuba. Marion De Vries, Fus., 25,196; Frank D. Ryan, Rep., 20,400. De Vries' majority, 4,796.

III. Counties of Alameda, Colusa, Contra Costa, Glenn, Lake, Solano, and Yolo. John A. Jones, Fus., 14,051; Victor H. Metcalf, Rep., 20,592; T. F. Burns, Soc. L., 1,309. Metcalf's plurality, 6,541.

IV. County of San Francisco (part). James H. Barry, Fus., 12,084; Julius Kahn, Rep., 13,695; J. P. Kelly, Ind. D., 594; W. J. Martin, Soc. L., 1,006. Kahn's plurality, 1,611.

V. Counties of San Francisco (part), San Mateo, and Santa Clara. William Craig, Fus., 17,352; Eugene F. Loud, Rep., 20,254; E. T. Kingsley, Soc. L., 1,532. Loud's plurality, 2,902.

VI. Counties of Los Angeles, Monterey, San Luis Obispo, Santa Barbara, Santa Cruz, and Ventura. C. A. Barlow, Fus., 20,499; Russell J. Waters, Rep., 24,050; J. T. Van Ransselaer, Soc. L., 1,132. Waters' plurality, 3,551.

VII. Counties of Fresno, Kern, Kings, Madera, Merced, Orange, Riverside, San Benito, San Bernardino, San Diego, Stanislaus, and Tulare. Curtis H. Castle, Fus., 20,680; James C. Needham, Rep., 20,793. Needham's majority, 113.

PRESENT STATE GOVERNMENT.

Governor, H. T. Gage; Lieutenant-Governor, J. H. Neff; Secretary of State, C. F. Curry; Treasurer, T. Reeves; Comptroller, E. P. Colgan; Adjutant-General, W. H. Seamans; Attorney-General, T. L. Ford; Superintendent Education, T. J. Kirk; Surveyor-General, M. J. Wright—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, W. H. Beatty; Associate Justices, T. B. McFarland, C. H. Garoutte, R. C. Harrison, W. Van Dyke, F. W. Henshaw, Jackson Temple—all Republicans except Temple and Van Dyke; Clerk, G. W. Root, Republican.

STATE LEGISLATURE, 1899.

|                     | Senate. | House. | Joint Ballot. |
|---------------------|---------|--------|---------------|
| Republicans.....    | 26      | 59     | 85            |
| Democrats.....      | 14      | 2      | 2             |
| Populists.....      | ..      | 1      | 1             |
| Independent.....    | ..      | 1      | 1             |
| Republican majority | 12      | 37     | 49            |

VOTE OF THE STATE SINCE 1872.

|             | Dem.    | Rep.     | Amer.  | Pro.   | Gr.    | Maj.      |
|-------------|---------|----------|--------|--------|--------|-----------|
| 1872. Pres. | 40,749  | 54,044   | .....  | .....  | .....  | 13,295 R  |
| 1876. Pres. | 76,464  | 79,264   | .....  | .....  | .....  | 2,800 R   |
| 1880. Pres. | 80,472  | 80,370   | .....  | .....  | 3,404  | *102 D    |
| 1884. Pres. | 89,238  | 102,416  | .....  | 2,920  | 2,017  | *13,128 R |
| 1886. Gov.  | 84,970  | 84,318   | 7,347  | 6,432  | 12,227 | *652 D    |
| 1888. Pres. | 117,729 | 124,816  | 1,561  | 5,761  | .....  | *7,087 R  |
| 1890. Gov.  | 117,164 | 125,129  | 10,073 | .....  | .....  | *7,945 R  |
|             |         | Pop.     | Ind.   |        |        |           |
| 1892. †Pres | 118,293 | 118,149  | 25,352 | 8,129  | .....  | *144 D    |
| 1894. Gov.  | 111,944 | 110,738  | 51,304 | 10,561 | .....  | 1,206 D   |
| 1894. Sec.  | 86,443  | 126,541  | 49,734 | 8,262  | 2,405  | 40,098 R  |
|             |         | N. D.    |        |        |        |           |
| 1896. Pres. | 143,373 | 146,170  | 2,006  | 2,573  | .....  | *2,797 R  |
|             |         | S. C. L. |        |        |        |           |
| 898. Gov.   | 129,261 | 148,354  | 5,143  | 4,297  | .....  | 19,093 R  |

\*Plurality. †8 Dem. and 1 Rep. electors were chosen.

COLORADO.

| COUNTIES.<br>(56.)   | GOVERNOR,<br>1898.   |                       | PRESIDENT,<br>1896. |                        |                        |
|----------------------|----------------------|-----------------------|---------------------|------------------------|------------------------|
|                      | Thom-<br>as,<br>Fus. | Wol-<br>cott,<br>Rep. | Bryan,<br>Fus.      | Mc-<br>Kinley,<br>Rep. | Lev-<br>ering,<br>Pro. |
| Arapahoe.....        | 23,858               | 13,038                | 43,000              | 6,048                  | 374                    |
| Archuleta.....       | 223                  | 276                   | 392                 | 141                    | 3                      |
| Baca.....            | 90                   | 127                   | 135                 | 125                    | 2                      |
| Bent.....            | 387                  | 325                   | 599                 | 196                    | 11                     |
| Boulder.....         | 4,069                | 1,866                 | 6,165               | 1,030                  | 117                    |
| Chaffee.....         | 1,614                | 474                   | 2,620               | 1,400                  | 7                      |
| Cheyenne.....        | 79                   | 99                    | 105                 | 87                     | ..                     |
| Clear Creek.....     | 1,851                | 941                   | 3,356               | 101                    | 8                      |
| Conejos.....         | 653                  | 1,390                 | 2,394               | 96                     | 1                      |
| Costilla.....        | 468                  | 1,127                 | 1,057               | 368                    | 6                      |
| Custer.....          | 711                  | 250                   | 998                 | 167                    | 4                      |
| Delta.....           | 952                  | 345                   | 1,631               | 139                    | 38                     |
| Dolores.....         | 436                  | 39                    | 678                 | 11                     | 1                      |
| Douglas.....         | 684                  | 406                   | 1,059               | 172                    | 8                      |
| Eagle.....           | 705                  | 198                   | 1,164               | 53                     | 5                      |
| Elbert.....          | 537                  | 543                   | 761                 | 273                    | 6                      |
| El Paso.....         | 10,596               | 5,745                 | 18,065              | 6,245                  | 296                    |
| Fremont.....         | 2,413                | 1,646                 | 4,382               | 637                    | 101                    |
| Garfield.....        | 1,447                | 412                   | 2,078               | 172                    | 26                     |
| Gilpin.....          | 1,776                | 952                   | 2,579               | 269                    | 18                     |
| Grand.....           | 163                  | 40                    | 250                 | 12                     | 1                      |
| Gunnison.....        | 1,287                | 631                   | 2,343               | 152                    | 6                      |
| Hinsdale.....        | 483                  | 95                    | 707                 | 19                     | 4                      |
| Huerfano.....        | 800                  | 1,930                 | 1,936               | 928                    | 2                      |
| Jefferson.....       | 2,130                | 1,252                 | 3,244               | 300                    | 64                     |
| Kiowa.....           | 145                  | 100                   | 155                 | 133                    | 2                      |
| Kit Carson.....      | 176                  | 263                   | 243                 | 252                    | 8                      |
| Lake.....            | 3,763                | 1,837                 | 6,634               | 263                    | 11                     |
| La Plata.....        | 1,567                | 894                   | 2,790               | 88                     | 5                      |
| Larimer.....         | 1,917                | 1,357                 | 3,244               | 744                    | 113                    |
| Las Animas.....      | 3,759                | 1,860                 | 5,530               | 1,124                  | 35                     |
| Lincoln.....         | 121                  | 127                   | 210                 | 122                    | 1                      |
| Logan.....           | 412                  | 372                   | 627                 | 231                    | 32                     |
| Mesa.....            | 1,423                | 715                   | 618                 | 212                    | 8                      |
| Mineral.....         | 635                  | 130                   | 827                 | 11                     | 2                      |
| Montezuma.....       | 497                  | 84                    | 846                 | 23                     | 1                      |
| Montrose.....        | 759                  | 325                   | 1,371               | 182                    | 15                     |
| Morgan.....          | 450                  | 404                   | 2,411               | 469                    | 93                     |
| Otero.....           | 1,326                | 760                   | 2,183               | 424                    | 40                     |
| Ouray.....           | 1,939                | 135                   | 2,204               | 38                     | 3                      |
| Park.....            | 933                  | 360                   | 1,569               | 149                    | 6                      |
| Phillips.....        | 180                  | 128                   | 337                 | 196                    | 2                      |
| Pitkin.....          | 1,567                | 456                   | 3,805               | 28                     | 2                      |
| Prowers.....         | 423                  | 483                   | 562                 | 304                    | 15                     |
| Pueblo.....          | 4,275                | 3,447                 | 8,419               | 1,319                  | 54                     |
| Rio Blanco.....      | 335                  | 92                    | 465                 | 52                     | 1                      |
| Rio Grande.....      | 1,040                | 395                   | 1,431               | 176                    | 21                     |
| Routt.....           | 1,005                | 209                   | 1,124               | 122                    | 2                      |
| Saguache.....        | 857                  | 550                   | 1,190               | 175                    | 1                      |
| San Juan.....        | 1,012                | 211                   | 1,574               | 17                     | 2                      |
| San Miguel.....      | 1,232                | 517                   | 2,195               | 87                     | 4                      |
| Sedgwick.....        | 74                   | 139                   | 217                 | 130                    | 7                      |
| Summit.....          | 730                  | 127                   | 1,343               | 30                     | 2                      |
| Washington.....      | 159                  | 218                   | 184                 | 220                    | 14                     |
| Weld.....            | 2,595                | 1,319                 | 4,695               | 879                    | 95                     |
| Yuma.....            | 248                  | 153                   | 454                 | 180                    | 11                     |
| Total.....           | 93,972               | 51,051                | 161,152             | 26,271                 | 1,717                  |
| Plurality.....       | 42,921               | .....                 | 134,882             | .....                  | .....                  |
| Per cent.....        | 60.76                | 32.79                 | 84.96               | 13.84                  | 0.90                   |
| Scattering vote..... | .....                | .....                 | .....               | 546                    | .....                  |
| White vote.....      | 145,023              | .....                 | .....               | 189,687                | .....                  |

In 1897 the Democrats and Populists united on a Fusion ticket for Supreme Judge and in 1898 for Governor.

Bryan's Democratic vote was 153,880; his Populist vote, 2,273.

The scattering vote for President in 1896 was: Bentley, Nat. Pro., 386; Matchett, Soc. L., 159; Palmer, Nat. Dem., 1.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.  
I. Counties of Arapahoe, Boulder, Jefferson, Lake, Larimer, Logan, Morgan, Park, Phillips, Sedgwick, Washington, Weld, and Yuma. John F. Shafroth, Fus., 43,111; Charles Hartzell, Rep., 18,580. Shafroth's majority, 24,531.

COLORADO—Continued.

II. Counties of Archuleta, Baca, Bent, Chaffee, Cheyenne, Clear Creek, Conejos, Costilla, Custer, Delta, Dolores, Douglas, Eagle, Elbert, El Paso, Fremont, Garfield, Gilpin, Grand, Gunnison, Hinsdale, Huerfano, Kiowa, Kit Carson, La Plata, Las Animas, Lincoln, Mesa, Montezuma, Mineral, Montrose, Otero, Ouray, Pitkin, Prowers, Pueblo, Rio Blanco, Rio Grande, Routt, Saguache, San Juan, San Miguel, and Summit. John C. Bell, Fus. 52,372; B. Clark Wheeler, Rep. 27,583. Bell's majority, 24,789.

PRESENT STATE GOVERNMENT.

Governor, Chas. S. Thomas, Dem.; Lieutenant-Governor, Francis Carney, Pop.; Secretary of State, E. F. Beckwith, Pop.; Treasurer, John F. Fessler, Rep.; Auditor, Geo. W. Temple, Rep.; Adjutant-General, J. C. Overmyer, Dem.; Attorney-General, D. M. Campbell, Rep.; Superintendent of Education, Helen Grenfell, Rep.

JUDICIARY

Supreme Court: Chief Justice, John Campbell, Rep.; Justices, Luther M. Goddard, Dem.; William H. Gabbert, Dem.; Clerk, H. G. Clark, Rep.

STATE LEGISLATURE, 1899.

| Senate. House. Joint Ballot. |    |    |    |  |
|------------------------------|----|----|----|--|
| Democrats                    | 9  | 21 | 30 |  |
| Republicans                  | 9  | 6  | 8  |  |
| Populists                    | 9  | 20 | 29 |  |
| Silver                       | 15 | 13 | 33 |  |

VOTE OF THE STATE SINCE ITS ADMISSION.

| Year                | Governor | Dem. Rep. Gr. Pro |        |       |         | Maj. | R |
|---------------------|----------|-------------------|--------|-------|---------|------|---|
|                     |          | Dem.              | Rep.   | Gr.   | Pro     |      |   |
| 1876                | 13,316   | 14,154            | .....  | ..... | 838     | R    |   |
| 1880                | 24,647   | 27,450            | 1,435  | ..... | *2,803  | R    |   |
| 1882                | 39,897   | 37,552            | .....  | ..... | 2,345   | D    |   |
| 1884                | 27,723   | 36,290            | 1,958  | ..... | *6,567  | R    |   |
| 1886                | 38,129   | 26,533            | .....  | 2,710 | *1,596  | D    |   |
| U. Lab.             |          |                   |        |       |         |      |   |
| 1888                | 37,567   | 50,774            | 2,191  | 1,266 | *13,207 | R    |   |
| Fusion.             |          |                   |        |       |         |      |   |
| 1892                | 53,535   | 38,520            | .....  | 1,638 | *14,964 | F    |   |
| Dem. Rep. Pop. Pro. |          |                   |        |       |         |      |   |
| 1894                | 9,634    | 90,843            | 76,487 | ..... | 24,356  | R    |   |
| Fusion.             |          |                   |        |       |         |      |   |
| 1896                | 161,153  | 26,271            | .....  | 1,717 | 134,882 | F    |   |
| 1897                | 63,888   | 64,947            | .....  | ..... | 3,941   | F    |   |
| 1898                | 93,973   | 51,051            | .....  | ..... | 42,921  | F    |   |

\* Plurality. † Fusion of Pops. and Silver Dems.

CONNECTICUT.

| COUNTIES.<br>(3.) | GOVERNOR,<br>1898. |                  |              |                 | PRESIDENT,<br>1896. |                |
|-------------------|--------------------|------------------|--------------|-----------------|---------------------|----------------|
|                   | Morgan, Dem.       | Louns-bury, Rep. | Steele, Pro. | Stodel, Soc. L. | Bryan, Dem.         | McKinley, Rep. |
| Hartford          | 11,705             | 16,537           | 342          | 841             | 9,726               | 24,489         |
| New Haven         | 21,070             | 22,050           | 278          | 1,175           | 20,212              | 30,261         |
| New London        | 6,637              | 7,895            | 250          | 42              | 5,711               | 10,081         |
| Fairfield         | 13,373             | 16,934           | 132          | 477             | 12,463              | 22,396         |
| Windham           | 2,115              | 4,093            | 82           | 3               | 1,927               | 5,423          |
| Litchfield        | 4,505              | 6,508            | 173          | 6               | 3,352               | 8,395          |
| Middlesex         | 3,010              | 4,398            | 127          | 24              | 2,245               | 5,664          |
| Tolland           | 1,612              | 2,600            | 76           | 298             | 1,044               | 3,576          |
| Total             | 64,277             | 81,015           | 1,460        | 2,856           | 56,740              | 110,285        |
| Plurality         | .....              | 16,738           | .....        | .....           | .....               | 53,545         |
| Per cent.         | 42.93              | 54.16            | 0.98         | 1.91            | 32.54               | 63.24          |
| Scattering        | .....              | 13               | .....        | .....           | 7,865               | .....          |
| Whole vote.       | 149,581            |                  |              | 174,390         |                     |                |

The scattering vote for President in 1896 was: Palmer, Nat. Dem., 4,324; Levering, Pro., 1,808; Matchett, Soc. L., 1,323.

In 1897 a constitutional provision that all voters must be able to read in the English language was adopted by an overwhelming majority of the popular vote.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

I. Counties of Hartford and Tolland. Robert J. Vance, Dem., 13,520; E. Stevens Henry, Rep., 18,818; J. Powell, Soc. L., 1,118; E. L. G. Hohenthal, Pro., 413. Henry's plurality, 5,298.

CONNECTICUT—Continued.

II Counties of Middlesex and New Haven. James H. Webb, Dem., 23,556; Nehemiah D. Sperry, Rep., 27,004; G Mansfield, Soc. L., 1,128; M. R. Kerr, Pro., 390. Sperry's plurality, 3,448.

III. Counties of New London and Windham. Charles F. Thayer, Dem., 8,507; Charles A. Russell, Rep., 12,213; Stephen Crane, Pro., 815. Russell's plurality, 3,711.

IV. Counties of Fairfield and Litchfield. Charles P. Lyman, Dem., 17,54; Ebenezer J. Hill, Rep., 23,707; S. Murgatroyd, Soc. L., 491; C. L. Beach, Pro., 301. Hill's plurality, 5,953.

PRESENT STATE GOVERNMENT.

Governor, George E. Lohsbury; Lieutenant-Governor, Lyman A. Mills; Secretary of State, Huber Clark; Treasurer, Charles S. Mersick; Comptroller, Thompson S. Grant; Attorney-General, Charles Phelps; Adjutant-General, Louis N. Van Keuren; Insurance Commissioner, Edwin L. Scofield—all Republicans.

JUDICIARY.

Supreme Court of Errors: Chief Justice, Chas. B. Andrews, Rep.; Associate Justices, David Torrance, Rep.; Frederic B. Hall, Rep.; Simeon E. Baldwin, Dem., and William Hamersley, Dem.; Clerk, George A. Conant

STATE LEGISLATURE, 1899.

| Senate. House. Joint Ballot. |    |     |     |  |
|------------------------------|----|-----|-----|--|
| Republicans                  | 20 | 136 | 200 |  |
| Democrats                    | 4  | 72  | 76  |  |

Republican majority. 16 108 134

VOTE OF THE STATE SINCE 1872.

| Year      | Pres.  | Dem. Rep. Gr - Lab Pro |       |              | Plu.     |
|-----------|--------|------------------------|-------|--------------|----------|
|           |        | Dem.                   | Rep.  | Gr - Lab Pro |          |
| 1872      | 45,866 | 50,626                 | ..... | .....        | 4,760 R  |
| 1876      | 61,934 | 59,084                 | 774   | 378          | 2,850 D  |
| 1880      | 64,415 | 67,071                 | 868   | 409          | 2,656 R  |
| 1884      | 67,167 | 65,893                 | 1,684 | 2,489        | 1,284 D  |
| 1886      | 58,817 | 56,920                 | 2,792 | 4,687        | 1,897 D  |
| 1888      | 74,920 | 74,584                 | 240   | 4,234        | 336 D    |
| 1890      | 67,653 | 63,975                 | 209   | 3,413        | 3,683 D  |
| Pop.      |        |                        |       |              |          |
| 1892      | 82,395 | 77,300                 | 806   | 4,026        | 5,365 D  |
| 1894      | 66,287 | 83,975                 | 1,546 | 2,310        | 17,688 R |
| Nat. Dem. |        |                        |       |              |          |
| 1896      | 56,740 | 110,285                | 4,324 | 1,808        | 53,545 R |
| Soc. L.   |        |                        |       |              |          |
| 1898      | 64,277 | 81,015                 | 2,866 | 1,460        | 16,738 R |

DELAWARE.

| COUNTIES.<br>(3.) | TREASURER,<br>1898. |            |             | PRESIDENT,<br>1896. |               |                 |       |
|-------------------|---------------------|------------|-------------|---------------------|---------------|-----------------|-------|
|                   | Ross, Dem.          | Ball, Rep. | Bryan, Dem. | McKinley, Rep.      | Palmer, N. D. | Lev-ering, Pro. | ..... |
| Kent              | 3,209               | 3,552      | .....       | .....               | .....         | .....           | ..... |
| New Castle        | 8,296               | 9,749      | 9,632       | 12,263              | 778           | 293             | ..... |
| Sussex            | 3,320               | 4,243      | 3,792       | 4,541               | 99            | 122             | ..... |
| Total             | 14,805              | 17,544     | 13,424      | 16,804              | 877           | 355             | ..... |
| Plurality         | .....               | 2,739      | .....       | 3,360               | .....         | .....           | ..... |
| Per cent.         | 43.93               | 52.06      | 42.67       | 53.41               | 2.79          | 1.13            | ..... |
| Scattering        | .....               | 1,345      | .....       | .....               | .....         | .....           | ..... |
| Whole vote.       | 13,697              |            |             | 31,460              |               |                 |       |

In the presidential election of 1896, the Governor, in certifying to the choice of electors, refused to include the vote of Kent County in the returns on the ground that no certificate from that county had been filed in compliance with the statute. Two certificates were returned, one signed by ten canvassers giving Bryan 2,047, McKinley 1,824, and one signed by six canvassers giving Bryan 3,157; McKinley, 3,557; Palmer, 89; Levering, 115.

In 1896 for Governor (omitting Kent County): Tunnell, Dem., 13,496; Higgins, Rep., 6,845; Hoeffcker, Union Rep., 9,255.

VOTE FOR REPRESENTATIVE IN CONGRESS, 1898.

The vote for Congressman in 1898 was: L. Irving Handy, Dem., 15,053; J. H. Hoeffcker, Rep., 17,566; L. W. Brosius, Pro., 454. Hoeffcker's plurality, 2,513.

DELAWARE—Continued.

PRESENT STATE GOVERNMENT.

Governor, Ebe W. Tunnell; Secretary of State, James H. Hughes; Treasurer, L. H. Ball; Commissioner of Insurance, Edward Fowler; Attorney-General, Robert C. White; Auditor, J. H. Lingo; Adjutant-General, Garrett J. Hart—all Democrats except Ball and Lingo, Rep.

JUDICIARY.

Supreme Court; Chancellor, John R. Nicholson, Dem.; Chief Justice, Chas. B. Lore, Dem.; Associate Justices, Ignatius C. Grubb, Dem.; W. C. Spruance, Rep.; James Pennewill, Rep.; William H. Boyce, Dem.; Clerk, William Virdin, Dem.

STATE LEGISLATURE, 1899.

Senate. House. Joint Ballot.

|                  |   |    |    |
|------------------|---|----|----|
| Democrats.....   | 9 | 23 | 21 |
| Republicans..... | 8 | 12 | 31 |

Majorities..... 1 Dem. 11 Rep. 10 Rep.

VOTE OF THE STATE SINCE 1872.

|                      | Dem.   | Rep.   | N. D. | Pro.  | Maj.        |
|----------------------|--------|--------|-------|-------|-------------|
| 1872. President..... | 10,206 | 11,115 | ....  | ....  | 909 R       |
| 1876. President..... | 13,381 | 10,740 | ....  | ....  | 2,641 D     |
| 1880. President..... | 15,183 | 14,150 | ....  | ....  | 1,033 D     |
| 1884. President..... | 16,976 | 13,053 | ....  | ....  | 3,923 D     |
|                      |        |        |       |       | <i>Plu.</i> |
| 1886. Governor.....  | 13,942 | 141    | ....  | 7,835 | 6,107 D     |
| 1888. President..... | 16,414 | 12,973 | ....  | 400   | 3,441 D     |
| 1890. Governor.....  | 17,801 | 17,258 | ....  | 138   | 543 D       |
| 1892. President..... | 18,581 | 18,083 | ....  | 565   | 498 D       |
| 1894. Governor.....  | 18,659 | 19,880 | ....  | 189   | 1,221 R     |
| 1896. President..... | 13,424 | 16,804 | 877   | 355   | 3,650 R     |
| 1898. Treasurer..... | 14,511 | 17,549 | ....  | 454   | 2,738 R     |

FLORIDA.

| COUNTIES.<br>(45.) | TREASURER,<br>1898.     |              | PRESIDENT,<br>1896.      |                       |                       |                        |  |
|--------------------|-------------------------|--------------|--------------------------|-----------------------|-----------------------|------------------------|--|
|                    | Whit-<br>field,<br>Dem. | Gay,<br>Rep. | Bryan,<br>Dem.<br>& Pop. | Mc-<br>Kinley<br>Rep. | Pal-<br>mer,<br>N. D. | Lev-<br>ering,<br>Pro. |  |
| Alachua.....       | 1,020                   | 273          | 1,546                    | 645                   | 11                    | 44                     |  |
| Baker.....         | 149                     | 61           | 247                      | 33                    | 14                    | 2                      |  |
| Bradford.....      | 405                     | 102          | 836                      | 176                   | 16                    | 53                     |  |
| Brevard.....       | 436                     | 132          | 505                      | 337                   | 17                    | 43                     |  |
| Calhoun.....       | 121                     | 37           | 205                      | 52                    | 3                     | 26                     |  |
| Citrus.....        | 214                     | 7            | 347                      | 35                    | 16                    | 12                     |  |
| Clay.....          | 221                     | 101          | 355                      | 230                   | 6                     | 20                     |  |
| Columbia.....      | 545                     | 61           | 765                      | 228                   | 16                    | 30                     |  |
| Dade.....          | 408                     | 186          | 372                      | 368                   | 14                    | 38                     |  |
| De Soto.....       | 378                     | 174          | 700                      | 198                   | 19                    | 24                     |  |
| Duval.....         | 1,067                   | 164          | 1,993                    | 1,462                 | 16                    | 313                    |  |
| Escambia.....      | 964                     | 76           | 1,285                    | 238                   | 12                    | 138                    |  |
| Franklin.....      | 211                     | 61           | 294                      | 146                   | 3                     | 13                     |  |
| Gadsden.....       | 663                     | 4            | 597                      | 66                    | 9                     | 24                     |  |
| Hamilton.....      | 315                     | 26           | 533                      | 74                    | 21                    | 18                     |  |
| Hernando.....      | 139                     | 2            | 231                      | 37                    | 4                     | 6                      |  |
| Hillsborough.....  | 1,932                   | 150          | 2,180                    | 584                   | 48                    | 87                     |  |
| Holmes.....        | 277                     | 35           | 396                      | 51                    | 8                     | 19                     |  |
| Jackson.....       | 749                     | 99           | 1,285                    | 285                   | 11                    | 33                     |  |
| Jefferson.....     | 683                     | 65           | 1,909                    | 242                   | 18                    | 18                     |  |
| Lafayette.....     | 202                     | 19           | 257                      | 13                    | 12                    | 4                      |  |
| Lake.....          | 466                     | 149          | 870                      | 302                   | 14                    | 54                     |  |
| Lee.....           | 227                     | 36           | 220                      | 74                    | 1                     | 15                     |  |
| Leon.....          | 1,239                   | 23           | 1,298                    | 247                   | 21                    | 26                     |  |
| Levy.....          | 274                     | 23           | 483                      | 113                   | 10                    | 20                     |  |
| Liberty.....       | 142                     | 13           | 115                      | 42                    | 3                     | 27                     |  |
| Madison.....       | 325                     | 39           | 885                      | 144                   | 12                    | 25                     |  |
| Manatee.....       | 226                     | 24           | 480                      | 135                   | 9                     | 11                     |  |
| Marion.....        | 770                     | 287          | 1,130                    | 480                   | 82                    | 129                    |  |
| Monroe.....        | 285                     | 70           | 452                      | 369                   | 26                    | 59                     |  |
| Nassau.....        | 347                     | 35           | 672                      | 310                   | 14                    | 60                     |  |
| Orange.....        | 479                     | 170          | 1,086                    | 555                   | 15                    | 74                     |  |
| Osceola.....       | 202                     | 21           | 274                      | 118                   | 14                    | 4                      |  |
| Pasco.....         | 311                     | 27           | 482                      | 70                    | 4                     | 6                      |  |
| Polk.....          | 704                     | 108          | 1,156                    | 279                   | 17                    | 64                     |  |
| Putnam.....        | 681                     | 507          | 990                      | 816                   | 36                    | 52                     |  |
| St. John's.....    | 456                     | 141          | 694                      | 451                   | 25                    | 25                     |  |
| Santa Rosa.....    | 367                     | 45           | 651                      | 60                    | 25                    | 13                     |  |
| Sumter.....        | 216                     | 40           | 524                      | 89                    | 8                     | 28                     |  |
| suwanee.....       | 371                     | 47           | 905                      | 190                   | 10                    | 29                     |  |
| Taylor.....        | 115                     | 15           | 255                      | 31                    | 2                     | 6                      |  |
| Volusia.....       | 674                     | 210          | 763                      | 635                   | 36                    | 42                     |  |

FLORIDA—Continued.

| COUNTIES.      | TREASURER,<br>1898.     |              | PRESIDENT,<br>1896.      |                       |                       |                        |  |
|----------------|-------------------------|--------------|--------------------------|-----------------------|-----------------------|------------------------|--|
|                | Whit-<br>field,<br>Dem. | Gay,<br>Rep. | Bryan,<br>Dem.<br>& Pop. | Mc-<br>Kinley<br>Rep. | Pal-<br>mer,<br>N. D. | Lev-<br>ering,<br>Pro. |  |
| Wakulla.....   | 273                     | 4            | 670                      | 35                    | 2                     | ..                     |  |
| Walton.....    | 338                     | 53           | 594                      | 129                   | 7                     | 11                     |  |
| Washington..   | 201                     | 82           | 356                      | 143                   | 9                     | 33                     |  |
| Total.....     | 20,788                  | 3,999        | 32,736                   | 11,288                | 654                   | 1,778                  |  |
| Plurality..... | 16,789                  | 21,444       |                          |                       |                       |                        |  |
| Percent.....   | 83.87                   | 16.13        | 70.67                    | 24.21                 | 1.34                  | 3.78                   |  |
| Whole vote..   | 24,787                  |              |                          | 46,461                |                       |                        |  |

Bryan received 30,683 votes on the Democratic electoral ticket and 2,053 votes on the Populist electoral ticket.

William D. Bloxham, Dem., was elected Governor in 1896 by a vote of 27,173 out of a total vote of 40,732.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.  
I. S. M. Sparkman, Dem., 13,506; E. R. Gunby, Rep., 2,513. Sparkman's majority, 10,993.  
II. R. W. Davis, Dem., 12,150; H. J. Anderson, Rep., 4,775. Davis's majority, 7,375.

PRESENT STATE GOVERNMENT.

Governor, William D. Bloxham; Secretary of State, J. L. Crawford; Treasurer, James B. Whitfield; Comptroller, W. H. Reynolds; Attorney-General, W. B. Lamar; Adjutant-General, Patrick Houstoun; Superintendent of Public Instruction, W. N. Sheats; Commissioner of Agriculture, L. B. Wombwell—all Democrats.

JUDICIARY.

Supreme Court: Chief Justice, R. F. Taylor; Associate Justices, M. H. Mabry and F. B. Carter; Clerk, B. B. Wilson—all Democrats.

STATE LEGISLATURE, 1899.

The Legislature is unanimously Democratic consisting of 32 Senators and 68 Representatives.

VOTE OF THE STATE SINCE 1872.

|                      | Dem.   | Rep.   | N. D. | Pro.  | Maj.                      |
|----------------------|--------|--------|-------|-------|---------------------------|
| 1872. President..... | 15,428 | 17,765 | ....  | ....  | 2,337 R                   |
| 1876. President..... | 24,440 | 24,250 | ....  | ....  | 90 D                      |
| 1880. President..... | 37,954 | 23,654 | ....  | ....  | 4,310 D                   |
| 1884. President..... | 31,769 | 23,031 | ....  | ....  | 3,738 D                   |
| 1888. President..... | 39,561 | 26,657 | ....  | 423   | 12,904 D                  |
| 1890. Comp.....      | 29,176 | 4,637  | ....  | ....  | 24,539 D                  |
|                      |        |        |       |       | <i>Plu.</i>               |
| 1892. President..... | 30,143 | 4,843  | ....  | 475   | 25,300 D                  |
|                      |        |        |       |       | <i>D. &amp; Pop. Rep.</i> |
| 1896. President..... | 32,735 | 11,288 | 654   | 1,778 | 21,444 D                  |
|                      |        |        |       |       | <i>Dem.</i>               |
| 1898. Treasurer..... | 20,788 | 3,999  | ....  | ....  | 16,789 D                  |

\*Plurality.

GEORGIA.

| COUNTIES.<br>(137.) | GOVERNOR,<br>1898.    |                | PRESIDENT,<br>1896. |                       |                       |     |
|---------------------|-----------------------|----------------|---------------------|-----------------------|-----------------------|-----|
|                     | Cand-<br>ler,<br>Dem. | Hogan,<br>Pop. | Bryan,<br>Dem.      | Mc-<br>Kinley<br>Rep. | Pal-<br>mer,<br>N. D. |     |
| Appling.....        | 606                   | 652            | 995                 | 488                   | 5                     | 5   |
| Baker.....          | 418                   | 21             | 527                 | 62                    | 1                     | 1   |
| Baldwin.....        | 1,041                 | 601            | 516                 | 410                   | 11                    | 11  |
| Banks.....          | 746                   | 754            | 579                 | 589                   | 11                    | 11  |
| Bartow.....         | 1,283                 | 433            | 1,026               | 802                   | 21                    | 21  |
| Berrien.....        | 502                   | 131            | 600                 | 250                   | 29                    | 29  |
| Bibb.....           | 418                   | 12             | 1,524               | 670                   | 901                   | 901 |
| Brooks.....         | 450                   | 4              | 528                 | 433                   | 18                    | 18  |
| Bryan.....          | 533                   | 15             | 259                 | 171                   | 6                     | 6   |
| Bulloch.....        | 1,004                 | 1,144          | 1,042               | 511                   | 9                     | 9   |
| Burke.....          | 758                   | 24             | 1,414               | 193                   | 10                    | 10  |

GEORGIA—Continued.

GEORGIA—Continued.

| COUNTIES.          | GOV'NOR, 1898. |             | PRESIDENT, 1896. |               |               |
|--------------------|----------------|-------------|------------------|---------------|---------------|
|                    | Candler, Dem.  | Hogan, Pop. | Bryan, Dem.      | McKinley Rep. | Palmer, N. D. |
| Butts.....         | 361            | 72          | 586              | 317           |               |
| Calhoun.....       | 218            | 87          | 406              | 5             | 7             |
| Camden.....        | 250            | 94          | 190              | 209           | 27            |
| Campbell.....      | 774            | 426         | 434              | 377           | 5             |
| Carroll.....       | 1,625          | 893         | 1,490            | 733           | 5             |
| Catoosa.....       | 681            | 124         | 557              | 161           | 8             |
| Charlton.....      | 330            | 21          |                  |               |               |
| Chatham.....       | 2,082          | 17          | 2,506            | 1,697         | 616           |
| Chattahoochee..... | 438            | 330         | 157              | 349           |               |
| Chattonga.....     | 1,520          | 236         | 911              | 500           | 11            |
| Cherokee.....      | 1,318          | 909         | 717              | 702           |               |
| Clarke.....        | 760            | 233         | 707              | 419           | 30            |
| Clay.....          | 647            | 337         | 240              | 534           | 9             |
| Clayton.....       | 949            | 548         | 516              | 472           | 5             |
| Clinch.....        | 481            | 310         | 257              | 212           | 10            |
| Cobb.....          | 1,538          | 565         | 1,387            | 758           | 14            |
| Coffee.....        | 312            | 211         | 438              | 873           |               |
| Columbia.....      | 502            | 662         | 192              | 401           | 3             |
| Colquitt.....      | 312            | 211         | 361              | 135           | 39            |
| Coweta.....        | 1,052          | 120         | 1,196            | 511           | 2             |
| Crawford.....      | 265            | 23          | 367              | 62            |               |
| Dade.....          | 449            | 80          | 325              | 110           | 72            |
| Dawson.....        | 461            | 213         | 324              | 290           |               |
| Decatur.....       | 1,425          | 584         | 972              | 700           | 20            |
| De Kalb.....       | 1,265          | 433         | 814              | 439           | 37            |
| Dodge.....         | 396            | 49          | 568              | 315           | 12            |
| Dooly.....         | 431            | 53          | 956              | 365           | 2             |
| Dougherty.....     | 236            | 3           | 404              | 120           | 5             |
| Douglas.....       | 763            | 594         | 463              | 641           |               |
| Early.....         | 935            | 550         | 591              | 336           | 48            |
| Echols.....        | 310            | 23          | 174              | 52            |               |
| Effingham.....     | 371            | 134         | 372              | 209           | 14            |
| Elbert.....        | 1,968          | 303         | 134              | 155           | 15            |
| Emmanuel.....      | 1,655          | 1,177       | 690              | 507           | 26            |
| Fannin.....        | 953            | 63          | 507              | 920           |               |
| Fayette.....       | 844            | 255         | 562              | 345           | 2             |
| Floyd.....         | 1,434          | 172         | 3,150            | 1,117         | 34            |
| Forsyth.....       | 772            | 884         | 482              | 269           |               |
| Franklin.....      | 1,005          | 1,104       | 509              | 392           | 6             |
| Fulton.....        | 4,002          | 236         | 4,504            | 3,005         | 241           |
| Gilmer.....        | 1,198          | 15          | 706              | 568           |               |
| Glascok.....       | 318            | 395         | 154              | 122           | 2             |
| Glynn.....         | 1,468          | 475         | 592              | 353           | 22            |
| Gordon.....        | 1,091          | 483         | 875              | 523           | 1             |
| Greene.....        | 1,245          | 1,047       | 575              | 910           | 9             |
| Guwinnett.....     | 1,721          | 1,280       | 1,250            | 773           | 23            |
| Habersham.....     | 631            | 243         | 732              | 242           | 8             |
| Hall.....          | 1,692          | 768         | 1,134            | 582           | 25            |
| Hancock.....       | 332            | 62          | 952              | 122           |               |
| Haralson.....      | 758            | 748         | 469              | 656           | 1             |
| Harris.....        | 951            | 453         | 919              | 402           |               |
| Hart.....          | 1,062          | 856         | 738              | 339           | 5             |
| Head.....          | 620            | 113         | 630              | 138           | 2             |
| Henry.....         | 1,285          | 913         | 569              | 568           | 15            |
| Houston.....       | 370            | 6           | 875              | 192           | 22            |
| Irwin.....         | 2,509          | 62          | 626              | 498           | 8             |
| Jackson.....       | 2,222          | 1,960       | 1,205            | 700           | 27            |
| Jasper.....        | 1,041          | 610         | 628              | 110           | 8             |
| Jefferson.....     | 820            | 849         | 541              | 223           | 18            |
| Johnson.....       | 814            | 903         | 213              | 233           |               |
| Jones.....         | 308            | 29          | 521              | 377           | 5             |
| Laurens.....       | 1,660          | 1,141       | 570              | 514           |               |
| Lee.....           | 155            | 6           | 285              | 163           |               |
| Liberty.....       | 253            | 335         | 237              | 646           | 8             |
| Lincoln.....       | 246            | 631         | 239              | 73            |               |
| Lowndes.....       | 778            | 535         | 586              | 536           | 52            |
| Lumpkin.....       | 691            | 170         | 436              | 456           | 4             |
| Macon.....         | 355            | 64          | 511              | 293           | 19            |
| Madison.....       | 1,061          | 295         | 672              | 141           | 17            |
| Marion.....        | 761            | 554         | 223              | 406           | 6             |
| McDuffie.....      | 294            | 491         | 138              | 401           | 21            |
| McIntosh.....      | 236            | 61          | 234              | 558           | 19            |
| Merrillwether..... | 1,454          | 789         | 991              | 946           | 11            |
| Miller.....        | 530            | 218         | 315              | 55            | 1             |
| Milton.....        | 735            | 474         | 428              | 227           | 4             |
| Mitchell.....      | 1,063          | 218         | 437              | 268           | 31            |
| Monroe.....        | 813            | 287         | 729              | 419           | 14            |
| Montgomery.....    | 1,139          | 475         | 503              | 441           | 4             |
| Morgan.....        | 1,096          | 295         | 629              | 819           | 10            |
| Murray.....        | 750            | 423         | 557              | 323           |               |
| Muscogee.....      | 866            | 15          | 1,365            | 501           | 108           |
| Newton.....        | 903            | 182         | 973              | 580           | 27            |

| COUNTIES.       | GOV'NOR, 1898. |             | PRESIDENT, 1896. |               |               |
|-----------------|----------------|-------------|------------------|---------------|---------------|
|                 | Candler, Dem.  | Hogan, Pop. | Bryan, Dem.      | McKinley Rep. | Palmer, N. D. |
| Oconee.....     | 448            | 513         | 330              | 368           |               |
| Oglethorpe..... | 2,227          | 141         | 1,242            | 106           | 7             |
| Paulding.....   | 1,080          | 971         | 627              | 552           | 3             |
| Pickens.....    | 449            | 108         | 458              | 693           |               |
| Pierce.....     | 385            | 253         | 329              | 215           | 42            |
| Pike.....       | 1,029          | 628         | 890              | 724           | 27            |
| Polk.....       | 1,284          | 628         | 567              | 810           | 35            |
| Pulaski.....    | 948            | 79          | 755              | 132           | 11            |
| Quitman.....    | 280            | 5           | 438              |               | 15            |
| Rabun.....      | 669            | 59          | 404              | 101           | 7             |
| Randolph.....   | 710            | 151         | 627              | 394           | 21            |
| Richmond.....   | 1,117          | 173         | 3,716            | 1,689         | 139           |
| Rockdale.....   | 641            | 377         | 473              | 483           | 10            |
| Schley.....     | 409            | 255         | 266              | 327           |               |
| Scriven.....    | 1,341          | 1,245       | 555              | 542           |               |
| Spalding.....   | 459            | 15          | 612              | 239           | 25            |
| Sumter.....     | 578            | 90          | 655              | 213           | 11            |
| Talbot.....     | 672            | 116         | 1,094            | 371           | 25            |
| Taliaferro..... | 387            | 55          | 472              | 156           | 6             |
| Tattnall.....   | 464            | 418         | 221              | 261           | 2             |
| Taylor.....     | 1,459          | 1,248       | 517              | 600           | 68            |
| Telfair.....    | 308            | 278         | 237              | 309           | 2             |
| Terrell.....    | 1,271          | 43          | 580              | 357           | 9             |
| Thomas.....     | 555            | 99          | 309              | 487           | 1             |
| Towns.....      | 919            | 423         | 600              | 620           | 139           |
| Troup.....      | 297            | 27          | 240              | 299           |               |
| Twiggs.....     | 514            | 91          | 878              | 199           | 3             |
| Union.....      | 1,556          | 80          | 397              | 621           |               |
| Upson.....      | 592            | 185         | 550              | 419           |               |
| Walker.....     | 600            | 282         | 591              | 498           | 1             |
| Walton.....     | 887            | 168         | 1,045            | 569           | 19            |
| Ware.....       | 1,610          | 843         | 1,001            | 725           | 19            |
| Warren.....     | 684            | 110         | 545              | 330           | 24            |
| Washington..... | 334            | 415         | 279              | 458           |               |
| Wayne.....      | 1,785          | 1,296       | 925              | 1,023         | 11            |
| Webster.....    | 471            | 338         | 477              | 256           |               |
| White.....      | 447            | 75          | 246              | 191           | 3             |
| Whitfield.....  | 490            | 358         | 274              | 159           | 5             |
| Wilcox.....     | 930            | 484         | 857              | 494           | 35            |
| Wilkes.....     | 1,265          | 90          | 623              | 145           | 7             |
| Wilkinson.....  | 934            | 378         | 1,063            | 104           | 25            |
| Worth.....      | 735            | 475         | 610              | 476           | 2             |
| Total.....      | 990            | 244         | 528              | 447           | 13            |
| Total.....      | 118557         | 51,530      | 94,332           | 60,091        | 2,708         |
| Plurality.....  | 66,977         |             | 34,141           |               |               |
| Per cent.....   | 69.63          | 30.32       | 57.78            | 36.85         | 1.66          |
| Scattering..... |                |             |                  | 6,030         |               |
| Whole vote..... |                | 170,137     |                  | 163,061       |               |

\*The certificate of the vote of Charlton County for President was lost, and the vote was not included in the official canvass.

Of the scattering vote for President in 1896, Levering, Pro., had 5,613. The Bryan and Watson ticket had 417 votes cast for it in the back districts after it had been withdrawn.

For Governor in 1896, W. Y. Atkinson, Dem., received 120,827; Seaborne Wright, Pop., 85,832; Atkinson's majority, 34,995. For Secretary of State, A. D. Candler, Dem., received 132,184; J. A. Parsons, Pop., 76,453; Candler's majority, 55,731.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

- Districts.*
- I. Counties of Bryan, Bullock, Burke, Chatham, Effingham, Emmanuel, Liberty, McIntosh, Scriven, and Tattnall. Rufus E. Lester, Dem., 5,344; J. E. Myrick, Rep., 873. Lester's majority, 4,471.
- II. Counties of Baker, Berrien, Calhoun, Clay, Colquitt, Decatur, Dougherty, Early, Miller, Mitchell, Quitman, Randolph, Terrell, Thomas, and Worth. James M. Griggs, Dem., 3,298; J. H. Smith, Rep., 2,071; scattering, 5. Griggs' plurality, 6,227.
- III. Counties of Crawford, Dooly, Houston, Lee, Macon, Pulaski, Schley, Stewart, Sumter, Taylor, Twiggs, Webster, and Wilcox. E. B. Lewis, Dem., 3,539; F. W. Gano, Rep., 141. Lewis' majority, 3,398.

GEORGIA—Continued.

- IV. Counties of Carroll, Chattahoochee, Coweta, Harris, Heard, Marion, Meriweather, Muscogee, Talbot, and Troup. W. C. Adamson, Dem., 3,218; M. L. Covington, Rep., 19; scattering, 9. Adamson's plurality, 3,190.
- V. Counties of Campbell, Clayton, De Kalb, Douglas, Fulton, Newton, Rockdale, and Walton. Leonidas F. Livingston, Dem., 3,027; A. R. Bryan, Rep., 64; scattering, 12. Livingston's plurality, 2,963.
- VI. Counties of Baldwin, Bibb, Butts, Fayette, Henry, Jones, Monroe, Pike, Spalding, and Upson. C. L. Bartlett, Dem., 3,003; scattering, 3. Bartlett's majority, 3,005.
- VII. Counties of Bartow, Catoosa, Chattooga, Cobb, Dade, Floyd, Gordon, Haralson, Murray, Paulding, Polk, Walker, and Whitfield. John W. Maddox, Dem., 5,296; A. B. Austin, Pop., 1,252; scattering, 17. Maddox's plurality, 4,044.
- VIII. Counties of Clark, Elbert, Franklin, Greene, Hart, Jasper, Madison, Morgan, Oconee, Oglethorpe, Putnam, and Wilkes. W. M. Howard, Dem., 4,399; John A. Neese, Pop., 861; scattering, 2. Howard's plurality, 3,538.
- IX. Counties of Banks, Cherokee, Dawson, Fannin, Forsyth, Gilmer, Gwinnett, Habersham, Hall, Jackson, Lumpkin, Milton, Pickens, Rabun, Towns, Union, and White. F. C. Tate, Dem., 9,275; J. P. Brooke, Pop., 3,456. Tate's majority, 5,819.
- X. Counties of Columbia, Glascock, Hancock, Jefferson, Lincoln, McDuffie, Richmond, Taliaferro, Warren, Washington, and Wilkinson. W. H. Fleming, Dem., 2,390; Thomas E. Watson, Pop., 34; scattering, 22. Fleming's plurality, 2,356.
- XI. Counties of Appling, Brooks, Camden, Charlton, Clinch, Coffee, Dodge, Echols, Glynn, Irwin, Johnson, Laurens, Lowndes, Montgomery, Pierce, Telfair, Wayne, and Ware. W. J. Brantley, Dem., 9,256; J. M. Wilkinson, Rep., 4,112. Brantley's majority, 5,144.

PRESENT STATE GOVERNMENT.

Governor, Allen D. Candler; Secretary of State, Philip Cook; Treasurer, W. J. Speer; Comptroller, W. A. Wright; Adjutant-General, J. M. Kell; Attorney-General, J. M. Terrell; Superintendent of Education, G. R. Glenn; Commissioner of Agriculture, O. B. Stevens—all Democrats.

JUDICIARY.

Supreme Court: Chief Justice, Thomas J. Simmons; Associate Justices, Samuel Lumpkin, Henry T. Lewis, Andrew J. Cobb, Wm. A. Little, and Wm. H. Fish; Clerk, Z. D. Harrison—all Democrats.

STATE LEGISLATURE, 1899.

Senate. House. Joint Ballot.

|                     |    |     |     |
|---------------------|----|-----|-----|
| Democrats.....      | 43 | 170 | 213 |
| Republicans.....    | 1  | 0   | 1   |
| Populists.....      | 0  | 5   | 5   |
| Democratic majority | 42 | 165 | 207 |

VOTE OF THE STATE SINCE 1872.

|                      | Dem.    | Rep.   | Pro.   | Maj.      |                |
|----------------------|---------|--------|--------|-----------|----------------|
| 1872. President..... | 76,378  | 62,715 | ....   | 13,563 D  |                |
| 1876. President..... | 130,083 | 50,446 | ....   | 79,642 D  |                |
| 1880. President..... | 102,470 | 54,056 | ....   | 48,384 D  |                |
| 1884. President..... | 94,567  | 7,603  | 103    | 46,964 D  |                |
| 1886. Governor.....  | 101,159 | ....   | ....   | 101,159 D |                |
| 1888. President..... | 100,499 | 40,496 | 1,803  | 60,203 D  |                |
| 1890. Governor.....  | 105,361 | ....   | ....   | 105,365 D |                |
|                      | Dem.    | Rep.   | Pro.   | Plu.      |                |
| 1892. President..... | 129,361 | 48,505 | 42,557 | 968       | 81,056 D       |
| 1894. Governor.....  | 121,045 | 96,883 | ....   | 24,161 D  |                |
|                      | Dem.    | Rep.   | Nat.D. | Pop. Pro. | Plu.           |
| 1896. Gov'nor.....   | 120,827 | ....   | 85,832 | ....      | 34,995 D       |
| 1896. Presid't.....  | 94,232  | 60,091 | 2,708  | ....      | 5,613 34,141 D |
| 1898. Gov'nor.....   | 118,557 | 51,580 | ....   | ....      | 66,977 D       |

IDAHO.

| COUNTIES.<br>(21.) | GOVERNOR,<br>1898.       |               | PRESIDENT,<br>1896.     |                        |                        |
|--------------------|--------------------------|---------------|-------------------------|------------------------|------------------------|
|                    | Steu-<br>enberg,<br>Fus. | Moss,<br>Rep. | Bryan,<br>Dem.,<br>Pop. | Mc-<br>Kinley,<br>Rep. | Lev-<br>ering,<br>Pro. |
| Ada.....           | 1,508                    | 1,682         | 1,531                   | 851                    | 27                     |
| Bannock.....       | 1,288                    | 729           | 1,363                   | 238                    | 7                      |
| Bear Lake.....     | 1,341                    | 675           | 851                     | 249                    | 1                      |
| Bingham.....       | 1,366                    | 676           | 1,232                   | 191                    | 12                     |
| Blaine.....        | 794                      | 187           | 1,228                   | 59                     | 3                      |
| Boise.....         | 704                      | 359           | 862                     | 226                    | 5                      |
| Canyon.....        | 959                      | 607           | 1,178                   | 303                    | 22                     |
| Cassia.....        | 525                      | 427           | 579                     | 129                    | 3                      |
| Custer.....        | 393                      | 54            | 599                     | 29                     | 2                      |
| Elmore.....        | 406                      | 275           | 535                     | 124                    | 1                      |
| Fremont.....       | 1,731                    | 556           | 1,526                   | 121                    | 8                      |
| Idaho.....         | 1,025                    | 615           | 1,121                   | 377                    | 7                      |
| Kootenai.....      | 972                      | 710           | 1,432                   | 634                    | 17                     |
| Latah.....         | 569                      | 1,696         | 1,870                   | 1,036                  | 16                     |
| Lemhi.....         | 685                      | 323           | 1,065                   | 202                    | 2                      |
| Lincoln.....       | 236                      | 280           | 305                     | 74                     | 1                      |
| Nez Perce.....     | 942                      | 1,324         | 1,089                   | 675                    | 22                     |
| Oneida.....        | 1,084                    | 1,213         | 1,092                   | 315                    | 7                      |
| Owyhee.....        | 976                      | 166           | 1,140                   | 97                     | 4                      |
| Shoshone.....      | 978                      | 733           | 1,760                   | 497                    | 4                      |
| Washington.....    | 630                      | 507           | 823                     | 204                    | 8                      |
| Total.....         | 19,407                   | 13,794        | 23,192                  | 6,324                  | 179                    |
| Plurality.....     | 5,613                    | ....          | 16,868                  | ....                   | ....                   |
| Per cent.....      | 48.82                    | 34.75         | 78.10                   | 21.29                  | 0.60                   |
| Scattering.....    | 6,546                    | ....          | ....                    | ....                   | ....                   |
| Whole vote.....    | 39,747                   | ....          | 26,695                  | ....                   | ....                   |

The scattering vote for Governor in 1898 was: Anderson, Pop., 5,371; and Johnson, Pop., 1,175.

VOTE FOR STATE OFFICERS, 1896.

For Governor, Frank Steunenberg, Pop., Dem., and Sil. Rep., 22,026; David Budlong, Rep., 6,441; M. F. Fowler, Pop., 239. Steunenberg's plurality, 15,655. The other State officers were elected by pluralities of about 7,000. All were elected on the Dem.-Pop. fusion ticket.

VOTE FOR REPRESENTATIVE IN CONGRESS, 1898.

Edgar Wilson, Fus., 17,693; W. B. Hayburn, Rep., 13,056; James Gunn, Pop., 7,423; W. J. Boone, Pop., 914.

PRESENT STATE GOVERNMENT.

Governor, Frank Steunenberg; Lieutenant-Governor, J. H. Hutchinson; Secretary of State, M. Patrie; Treasurer, L. C. Rice; Auditor, B. Sinclair; Attorney-General, S. H. Hays; Superintendent of Public Instruction, P. French; Adjutant-General, J. L. Weaver, Dem.; State Engineer, D. W. Ross, Dem.

JUDICIARY.

Supreme Court: Chief Justice, J. W. Huston, Rep.; Associate Justices, I. N. Sullivan, Rep., and Ralph P. Quarles, Dem.; Clerk of the Court, Solomon Hasbrouck, Rep.

STATE LEGISLATURE, 1899.

Senate. House. Joint Ballot.

|                         |    |    |      |
|-------------------------|----|----|------|
| Democrat and Pop.....   | 7  | 30 | 37   |
| Republicans.....        | 9  | 12 | 21   |
| Silver Republicans..... | 5  | 7  | 12   |
| Dem.-Pop. majority..... | 11 | 4  | .... |

VOTE OF THE TERRITORY AND STATE SINCE 1890.

|                      | Dem.   | Rep.   | Pro.   | Maj.          |
|----------------------|--------|--------|--------|---------------|
| 1890. Congress.....  | 3,604  | 2,080  | ....   | 1,514 D       |
| 1894. Congress.....  | 1,547  | 741    | ....   | 786 D         |
| 1896. Congress.....  | 7,416  | 7,842  | ....   | 426 R         |
| 1898. Congress.....  | 6,404  | 9,609  | ....   | 3,205 R       |
| 1890. Governor.....  | 7,943  | 10,262 | ....   | 2,319 R       |
|                      | Dem.   | Rep.   | Pro.   | Plu.          |
| 1892. President..... | 8,539  | 288    | 10,520 | 1,211 P       |
| 1892. Governor.....  | 6,769  | 3,173  | 264    | 4,865 1,409 R |
| 1894. Governor.....  | 7,057  | 10,203 | ....   | 7,121 3,067 R |
|                      | D. P.  | Rep.   | Pro.   | Plu.          |
| 1896. President..... | 23,192 | 6,324  | 179    | 16,868 D-P    |
| 1898. Governor.....  | 19,407 | 13,794 | 1,175  | 5,613 R       |

ILLINOIS.

| COUNTIES.<br>(102.) | TREASURER,<br>1898. |                     |               |                | PRESIDENT,<br>1896.    |                       |
|---------------------|---------------------|---------------------|---------------|----------------|------------------------|-----------------------|
|                     | Dunlap,<br>Dem.     | Whittemore,<br>Rep. | Hess,<br>Pop. | Boles,<br>Pro. | Bryan,<br>Fus-<br>ton. | Mc-<br>Kinley<br>Rep. |
| Adams.....          | 6,870               | 5,969               | 139           | 121            | 8,025                  | 8,447                 |
| Alexander.....      | 1,674               | 1,937               | 13            | 9              | 1,813                  | 2,502                 |
| Bond.....           | 1,434               | 1,900               | 14            | 97             | 1,654                  | 1,967                 |
| Boone.....          | 323                 | 2,336               | 17            | 44             | 667                    | 3,111                 |
| Brown.....          | 1,606               | 898                 | 67            | 30             | 2,063                  | 1,024                 |
| Bureau.....         | 3,084               | 3,998               | 99            | 202            | 3,961                  | 5,474                 |
| Calhoun.....        | 1,019               | 707                 | 12            | 6              | 1,176                  | 795                   |
| Carroll.....        | 584                 | 2,450               | 22            | 35             | 1,490                  | 3,314                 |
| Cass.....           | 2,276               | 1,694               | 19            | 52             | 2,470                  | 1,946                 |
| Champaign.....      | 3,722               | 5,036               | 130           | 241            | 4,643                  | 5,780                 |
| Christian.....      | 4,110               | 3,463               | 88            | 193            | 4,639                  | 3,857                 |
| Clark.....          | 2,635               | 2,679               | 182           | 51             | 3,103                  | 2,888                 |
| Clay.....           | 1,933               | 1,961               | 68            | 52             | 2,272                  | 2,155                 |
| Clinton.....        | 2,233               | 1,644               | 58            | 12             | 2,572                  | 1,863                 |
| Coles.....          | 3,596               | 3,936               | 37            | 79             | 3,362                  | 4,534                 |
| Cook.....           | 147,956             | 148,558             | 2,545         | 1,632          | 152,146                | 221,823               |
| Crawford.....       | 2,019               | 2,094               | 71            | 29             | 2,342                  | 2,172                 |
| Cumberland.....     | 1,873               | 1,715               | 30            | 55             | 2,098                  | 1,855                 |
| De Kalb.....        | 979                 | 3,406               | 10            | 233            | 1,851                  | 5,598                 |
| De Witt.....        | 1,986               | 2,452               | 25            | 56             | 2,370                  | 2,587                 |
| Douglas.....        | 1,776               | 2,283               | 10            | 45             | 2,140                  | 2,666                 |
| Du Page.....        | 1,218               | 3,405               | 14            | 140            | 1,588                  | 4,115                 |
| Edgar.....          | 3,536               | 3,473               | 60            | 107            | 3,729                  | 3,822                 |
| Edwards.....        | 592                 | 1,381               | 28            | 44             | 853                    | 1,672                 |
| Effingham.....      | 2,101               | 1,321               | 11            | 52             | 2,953                  | 1,895                 |
| Fayette.....        | 2,717               | 2,821               | 269           | 72             | 3,627                  | 2,769                 |
| Ford.....           | 1,151               | 2,209               | 8             | 68             | 1,507                  | 2,832                 |
| Franklin.....       | 1,975               | 1,864               | 39            | 27             | 2,233                  | 2,038                 |
| Fulton.....         | 5,000               | 5,255               | 150           | 106            | 5,979                  | 6,195                 |
| Gallatin.....       | 1,617               | 961                 | 25            | 6              | 2,067                  | 1,468                 |
| Greene.....         | 2,869               | 1,581               | 29            | 45             | 3,983                  | 2,365                 |
| Grundy.....         | 1,504               | 2,955               | 26            | 202            | 2,074                  | 3,246                 |
| Hamilton.....       | 1,963               | 1,421               | 39            | 19             | 2,408                  | 1,767                 |
| Hancock.....        | 4,202               | 3,695               | 78            | 108            | 4,581                  | 4,250                 |
| Hardin.....         | 729                 | 677                 | 35            | 8              | 900                    | 780                   |
| Henderson.....      | 847                 | 1,547               | 12            | 42             | 902                    | 1,756                 |
| Henry.....          | 2,261               | 4,416               | 49            | 144            | 2,971                  | 6,177                 |
| Iroquois.....       | 2,993               | 4,258               | 33            | 196            | 3,698                  | 5,325                 |
| Jackson.....        | 3,133               | 3,459               | 27            | 69             | 3,631                  | 3,879                 |
| Jasper.....         | 2,265               | 1,602               | 66            | 83             | 2,724                  | 1,867                 |
| Jefferson.....      | 2,764               | 2,264               | 124           | 81             | 3,588                  | 2,005                 |
| Jersey.....         | 2,027               | 1,478               | 24            | 60             | 2,377                  | 1,641                 |
| Jo Daviess.....     | 2,282               | 2,690               | 28            | 66             | 2,391                  | 3,594                 |
| Johnson.....        | 1,011               | 1,617               | 62            | 15             | 1,429                  | 2,027                 |
| Kane.....           | 2,855               | 6,360               | 25            | 326            | 4,852                  | 12,133                |
| Kankakee.....       | 795                 | 3,347               | 31            | 88             | 2,370                  | 5,471                 |
| Kendall.....        | 506                 | 1,377               | 7             | 87             | 774                    | 2,128                 |
| Knox.....           | 2,141               | 5,602               | 42            | 189            | 3,490                  | 7,631                 |
| Lake.....           | 1,350               | 2,879               | 45            | 138            | 1,777                  | 5,027                 |
| La Salle.....       | 7,290               | 9,214               | 137           | 185            | 8,108                  | 11,845                |
| Lawrence.....       | 1,775               | 1,739               | 21            | 45             | 1,948                  | 1,872                 |
| Lee.....            | 1,675               | 3,227               | 15            | 114            | 2,469                  | 1,797                 |
| Livingston.....     | 3,850               | 4,768               | 41            | 191            | 4,088                  | 5,436                 |
| Logan.....          | 3,528               | 3,230               | 17            | 86             | 3,369                  | 3,430                 |
| Macon.....          | 4,510               | 5,115               | 45            | 155            | 4,756                  | 6,216                 |
| Macoupin.....       | 4,680               | 4,305               | 62            | 146            | 5,574                  | 4,970                 |
| Madison.....        | 5,033               | 6,115               | 46            | 102            | 6,344                  | 7,431                 |
| Marion.....         | 3,157               | 2,660               | 196           | 79             | 3,835                  | 2,870                 |
| Marshall.....       | 1,904               | 1,929               | 14            | 40             | 1,888                  | 2,216                 |
| Mason.....          | 3,270               | 1,787               | 13            | 59             | 2,407                  | 2,100                 |
| Massac.....         | 607                 | 1,405               | 19            | 19             | 869                    | 2,043                 |
| McDonough.....      | 3,315               | 3,759               | 51            | 160            | 3,694                  | 4,736                 |
| McHenry.....        | 1,642               | 2,932               | 19            | 102            | 1,913                  | 5,037                 |
| McLean.....         | 4,672               | 6,388               | 45            | 413            | 6,328                  | 9,864                 |
| Menard.....         | 1,882               | 1,565               | 33            | 38             | 2,018                  | 1,642                 |
| Mercer.....         | 1,482               | 2,618               | 75            | 73             | 2,329                  | 3,120                 |
| Monroe.....         | 1,503               | 1,506               | 30            | 3              | 1,652                  | 1,446                 |
| Montgomery.....     | 3,504               | 3,172               | 50            | 136            | 4,117                  | 3,622                 |
| Morgan.....         | 4,641               | 3,432               | 45            | 106            | 4,323                  | 4,217                 |
| Moultrie.....       | 1,823               | 1,431               | 39            | 33             | 2,077                  | 1,711                 |
| Ogle.....           | 1,083               | 3,003               | 20            | 177            | 2,142                  | 5,210                 |
| Peoria.....         | 6,772               | 7,989               | 47            | 287            | 9,068                  | 10,486                |
| Perry.....          | 2,065               | 2,121               | 35            | 77             | 2,370                  | 2,242                 |
| Piatt.....          | 1,721               | 2,322               | 30            | 32             | 1,958                  | 2,579                 |
| Pike.....           | 3,519               | 2,253               | 303           | 98             | 5,329                  | 3,111                 |
| Pope.....           | 341                 | 1,187               | 33            | 10             | 1,774                  | 1,853                 |
| Putnam.....         | 745                 | 1,410               | 7             | 10             | 1,152                  | 2,031                 |
| Randolph.....       | 392                 | 599                 | 46            | 26             | 479                    | 706                   |
| Richland.....       | 2,861               | 1,730               | 45            | 105            | 3,021                  | 3,024                 |
| Rock Island.....    | 1,755               | 1,510               | 172           | 50             | 2,062                  | 1,693                 |

ILLINOIS—Continued.

| COUNTIES.        | TREASURER,<br>1898. |                     |               |                | PRESIDENT,<br>1896.    |                       |
|------------------|---------------------|---------------------|---------------|----------------|------------------------|-----------------------|
|                  | Dunlap,<br>Dem.     | Whittemore,<br>Rep. | Hess,<br>Pop. | Boles,<br>Pro. | Bryan,<br>Fus-<br>ton. | Mc-<br>Kinley<br>Rep. |
| Rock Island..... | 3,991               | 5,932               | 63            | 104            | 4,692                  | 7,823                 |
| Saline.....      | 1,970               | 2,203               | 36            | 28             | 2,295                  | 2,605                 |
| Sangamon.....    | 8,474               | 8,278               | 43            | 322            | 8,582                  | 8,998                 |
| Schnayler.....   | 2,059               | 1,567               | 37            | 67             | 2,334                  | 1,848                 |
| Scott.....       | 1,497               | 1,066               | 40            | 17             | 1,598                  | 1,211                 |
| Shelby.....      | 3,877               | 2,866               | 119           | 177            | 4,709                  | 3,071                 |
| Stark.....       | 793                 | 1,890               | 63            | 82             | 1,030                  | 1,636                 |
| St. Clair.....   | 6,497               | 7,002               | 85            | 153            | 8,245                  | 8,960                 |
| Stephenson.....  | 3,762               | 3,735               | 17            | 143            | 3,776                  | 4,728                 |
| Tazewell.....    | 2,539               | 3,250               | 27            | 123            | 3,743                  | 3,703                 |
| Union.....       | 2,292               | 1,331               | 19            | 26             | 2,998                  | 1,842                 |
| Vermilion.....   | 3,834               | 5,896               | 98            | 313            | 5,749                  | 8,767                 |
| Wabash.....      | 1,485               | 1,117               | 16            | 65             | 1,739                  | 1,321                 |
| Warren.....      | 2,455               | 3,090               | 26            | 122            | 2,604                  | 3,394                 |
| Washington.....  | 1,836               | 2,134               | 22            | 50             | 1,979                  | 2,351                 |
| Wayne.....       | 2,469               | 2,677               | 98            | 145            | 3,102                  | 2,906                 |
| White.....       | 2,664               | 2,075               | 61            | 44             | 4,242                  | 2,771                 |
| Whiteside.....   | 1,901               | 3,679               | 39            | 136            | 2,788                  | 5,577                 |
| Will.....        | 4,685               | 7,224               | 62            | 94             | 6,873                  | 9,249                 |
| Williamson.....  | 2,200               | 2,674               | 25            | 20             | 2,582                  | 3,027                 |
| Winnebago.....   | 1,100               | 3,837               | 59            | 418            | 2,447                  | 8,242                 |
| Woodford.....    | 2,444               | 1,905               | 26            | 132            | 2,353                  | 2,447                 |
| Total.....       | 405,990             | 448,940             | 7,886         | 11,753         | 464,632                | 607,120               |
| Plurality.....   | 43,450              |                     |               |                | 14,298                 |                       |
| Per cent.....    | 46.15               | 51.09               | 0.87          | 1.35           | 42.68                  | 55.66                 |
| Scattering.....  |                     | 4,518               |               |                | 18,125                 |                       |
| Whole vote.....  |                     | 878,537             |               |                | 1,000,269              |                       |

The scattering vote for Treasurer in 1898 was for Litchson, Soc. L.

The scattering vote for President in 1896 was for Palmer, N. D., 6,390; Levering, Pro., 9,796; Matchett, Soc. L., 1,147; Bentley, Nat. Pro., 793. The Middle-of-Road Populist vote for Bryan was 1,090.

The vote for Governor in 1896 was: Altgeld, Dem.-Pop., 474,256; Tanner, Rep., 557,637; Gere, Pro., 14,582; Forman, N. D., 8,100. Tanner's plurality, 113,351.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898. Districts.

- I. County of Cook. Rollin B. Organ, Dem., 20,424; James R. Mann, Rep., 37,500; James Hogan, Pop., 404; Theodore Neff, Pro., 414; B. Berlin, Soc. L., 568.
- II. County of Cook. C. Porter Johnson, Dem., 25,354; William Lorimer, Rep., 27,151; Charles O. Sherman, Pop., 700; Thomas H. Conpropt, Pro., 407; Herman Glaser, Soc. L., 421.
- III. County of Cook. George P. Foster, Dem., 18,463; Hugh R. Belknap, Rep., 15,659; James E. McGrath, Pop., 206; William Kellett, Pro., 65; Henry D. Dreisvogel, Soc. L., 242.
- IV. County of Cook. Thomas Cusack, Dem., 18,876; Daniel W. Mills, Rep., 16,655; John T. Buchanan, Pop., 210; Thomas H. Gault, Pro., 130.
- V. County of Cook. Edward T. Noonan, Dem., 19,186; George E. White, Rep., 16,018; William League, Pop., 334; Thomas L. Haines, Pro., 176; J. Collins, Soc. L., 301.
- VI. County of Cook. Emil Hoehster, Dem., 17,167; Henry S. Boutell, Rep., 18,283; Roy M. Goodwin, Pop., 225; John G. Batten-shill, Pro., 86; Geo. Henderson, Soc. L., 284.
- VII. County of Cook (part) and county of Lake. Frank C. Rogers, Dem., 18,572; George E. Boss, Rep., 30,903; Henry H. Hardine, Pro., 403; Vasscher B. Barnes, Pop., 304; Charles Schmitt, Soc. L., 566.
- VIII. Counties of McHenry, De Kalb, Kane, Du Page, Kendall, and Grundy. John W. Conrad, Dem., 8,000; Albert J. Hopkins, Rep., 19,592; S. W. Johnson, Pro., 1,142.
- IX. Counties of Boone, Winnebago, Stephenson, Jo Daviess, Carroll, Ogle, and Lee. Wm. H. Wagner, Dem., 11,206; Robert R. ... Rep., 22,165; J. F. Countryman, Pro., ...

ILLINOIS—Continued.

- X. Counties of Whiteside, Rock Island, Mercer, Henry, Knox, and Stark. Francis E. Andrews, Dem., 12,042; Geo. W. Prince, Rep., 24,469; Eugenio K. Hays, Pro., 509.
- XI. Counties of Bureau, La Salle, Livingston, and Woodford. Maurice T. Molony, Dem., 16,664; Walter Reeves, Rep., 20,060; Archibald Storrie, Pop., 277; John W. Hosier, Pro., 629.
- XII. Counties of Will, Kankakee, Iroquois, and Vermilion. John M. Thompson, Dem., 14,178; Joseph G. Cannon, Rep., 21,484; Samuel S. Jones, Pro., 682.
- XIII. Counties of Ford, McLean, De Witt, Platt, Champaign, and Douglas. Jerome G. Quisenberry, Dem., 14,977; Vespasian Warner, Rep., 20,635; James M. Shaw, Pro., 863.
- XIV. Counties of Putnam, Marshall, Peoria, Fulton, Tazewell, and Mason. Charles M. Barnes, Dem., 19,431; Joseph V. Graff, Rep., 21,417; Stephen Martin, Pro., 696.
- XV. Counties of Henderson, Warren, Hancock, McDonough, Adams, Brown, and Schuyler. Joseph A. Roy, Dem., 20,901; Benjamin K. Marsh, Rep., 21,143; M. W. Greer, Pop., 491; James M. Underhill, Pro., 571.
- XVI. Counties of Cass, Morgan, Scott, Pike, Green, Macoupin, Calhoun, and Jersey. William E. Williams, Dem., 21,632; James H. Danskin, Rep., 17,021; A. C. Wood, Pop., 514; Howard C. Bliss, Pro., 491.
- XVII. Counties of Menard, Logan, Sangamon, Macon, and Christian. Benj. F. Caldwell, Dem., 23,293; Isaac R. Mills, Rep., 21,053; David L. Bunn, Pro., 573.
- XVIII. Counties of Madison, Montgomery, Bond, Fayette, Shelby, and Moultrie. Thomas M. Jett, Dem., 13,834; Benj. F. Johnson, Rep., 18,109; Ferdinand Morse, Pop., 477; John W. Killam, Pro., 501; William W. Cox, Soc. L., 138.
- XIX. Counties of Coles, Edgar, Clark, Cumberland, Effingham, Jasper, Crawford, Richard, and Lawrence. Joseph B. Crowley, Dem., 21,520; William W. Jacobs, Rep., 20,006; Dixon T. Harbison, Pop., 597; William Smith, Pro., 483.
- XX. Counties of Clay, Jefferson, Wayne, Hamilton, Edwards, Wabash, Franklin, White, Gallatin, and Hardin. James R. Williams, Dem., 18,321; Theodore G. Risley, Rep., 16,307; Wiley N. Green, Pop., 552; William Bedall, Pro., 357.
- XXI. Counties of Marion, Clinton, Washington, St. Clair, Monroe, Randolph, and Perry. Frederick J. Kern Dem., 19,956; William A. Rodenberg, Rep., 20,451; John T. Nixon, Pro., 433; William F. Quellmalz, Pop., 466; Gustav Surber, Soc. L., 240.
- XXII. Counties of Jackson, Union, Alexander, Pulaski, Johnson, Williamson, Saline, Pope, and Massac. A. B. Garrett, Dem., 14,131; G. W. Smith, Rep., 17,200; Andrew J. Dougherty, Jr., Pro., 219.

PRESENT STATE GOVERNMENT.

Governor, John R. Tanner; Lieutenant-Governor, W. A. Northcott; Secretary of State, James A. Rose; Treasurer, F. K. Whittemore; Auditor, J. S. McCullough; Attorney-General, E. C. Akin; Adjutant-General, J. N. Reece; Superintendent of Insurance, J. R. Van Cleave; Superintendent of Education, Alfred Bayliss—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, James H. Cartwright, Rep.; Associate Justices, J. W. Wilkin, Rep.; J. N. Carter, Rep.; A. M. Craig, Dem.; Jesse J. Phillips, Dem.; B. D. Magruder, Rep.; C. C. Boggs, Dem.; Clerks of the Court, A. D. Cadwallader, Rep.; C. Mamer, Rep.; Jacob O. Chance, Dem.

ILLINOIS—Continued.

STATE LEGISLATURE, 1899.

|                      | Senate. | House. | Joint Ballot. |
|----------------------|---------|--------|---------------|
| Democrats.....       | 16      | 81     | 87            |
| Republicans.....     | 34      | 81     | 115           |
| Populists.....       | 1       | 0      | 1             |
| Prohibitionists..... | 0       | 1      | 1             |
| Republican majority. | 17      | 9      | 26            |

VOTE OF THE STATES SINCE 1872.

|                  | Dem.                | Rep.    | Gr.    | Pro.   | Plu.      |
|------------------|---------------------|---------|--------|--------|-----------|
| 1872. President. | 184,772             | 241,237 | ....   | ....   | *66,445 R |
| 1876. President. | 255,601             | 278,232 | 17,307 | ....   | 19,631 R  |
| 1880. President. | 277,321             | 318,037 | 26,353 | 440    | 40,716 R  |
| 1884. President. | 312,351             | 331,463 | 10,776 | 12,074 | 25,118 R  |
|                  | <i>Labor.</i>       |         |        |        |           |
| 1886. Treasurer. | 240,864             | 276,680 | 34,821 | 19,766 | 35,816 R  |
| 1888. Governor.  | 355,313             | 367,860 | 6,394  | 18,874 | 12,547 R  |
| 1888. President. | 348,371             | 370,473 | 7,090  | 21,695 | 22,102 R  |
| 1890. Treasurer. | 331,929             | 321,990 | ....   | 22,306 | 9,929 D   |
|                  | <i>Pop.</i>         |         |        |        |           |
| 1892. President. | 426,291             | 399,288 | 22,207 | 25,870 | 26,993 D  |
| 1894. Treasurer. | 321,551             | 455,788 | 60,067 | 19,460 | 134,237 R |
|                  | <i>D &amp; Pop.</i> |         |        |        |           |
| 1896. Governor.  | 474,256             | 587,637 | 8,100  | 14,582 | 113,381 R |
| 1896. President. | 464,632             | 607,130 | 6,390  | 9,796  | 142,458 R |
|                  | <i>Dem.</i>         |         |        |        |           |
| 1898. Treasurer. | 405,430             | 418,940 | 7,833  | 11,753 | 43,450 R  |

\* Majority.

INDIANA.

| COUNTIES.<br>(92). | SECRETARY OF STATE,<br>1898. |               |               |                   | PRESIDENT,<br>1896. |                  |
|--------------------|------------------------------|---------------|---------------|-------------------|---------------------|------------------|
|                    | Ralston,<br>Dem.             | Hunt,<br>Rep. | Worth<br>Pro. | Morrison,<br>Pop. | Bryan,<br>Dem.      | McKinley<br>Rep. |
| Adams.....         | 2,654                        | 1,241         | 71            | 29                | 3,340               | 1,613            |
| Allen.....         | 8,479                        | 6,285         | 117           | 47                | 9,909               | 8,467            |
| Bartholomew.       | 3,043                        | 3,125         | 48            | 42                | 3,198               | 3,264            |
| Benton.....        | 1,286                        | 1,774         | 47            | 16                | 1,552               | 1,998            |
| Blackford...       | 1,898                        | 1,719         | 117           | 44                | 2,272               | 2,154            |
| Boone.....         | 3,630                        | 3,106         | 74            | 84                | 3,800               | 3,449            |
| Brown.....         | 1,207                        | 615           | 24            | 24                | 1,480               | 726              |
| Carroll.....       | 2,592                        | 2,501         | 93            | 25                | 2,764               | 2,546            |
| Cass.....          | 4,044                        | 3,813         | 149           | 182               | 4,851               | 4,392            |
| Clark.....         | 3,618                        | 3,147         | 37            | 18                | 3,785               | 3,297            |
| Clay.....          | 3,550                        | 3,194         | 148           | 149               | 4,482               | 3,823            |
| Clinton.....       | 3,265                        | 3,474         | 184           | 90                | 3,747               | 3,607            |
| Crawford....       | 1,622                        | 1,324         | 45            | 47                | 1,655               | 1,490            |
| Daviess.....       | 2,718                        | 2,864         | 69            | 519               | 3,785               | 3,120            |
| Dearborn....       | 3,875                        | 2,139         | 65            | 6                 | 3,313               | 2,714            |
| Decatur.....       | 2,368                        | 2,711         | 73            | 32                | 2,520               | 2,548            |
| De Kalb.....       | 2,445                        | 2,674         | 193           | 142               | 3,678               | 3,137            |
| Delaware....       | 3,545                        | 5,993         | 278           | 49                | 4,253               | 7,340            |
| Dubois.....        | 2,214                        | 986           | 25            | 38                | 3,005               | 1,215            |
| Elkhart.....       | 4,340                        | 5,393         | 407           | 32                | 4,946               | 6,150            |
| Fayette.....       | 1,430                        | 1,943         | 38            | 5                 | 1,609               | 2,145            |
| Floyd.....         | 3,413                        | 2,981         | 52            | 24                | 3,544               | 3,874            |
| Fountain....       | 2,858                        | 2,755         | 75            | 55                | 2,997               | 2,809            |
| Franklin....       | 2,428                        | 1,488         | 33            | 9                 | 2,844               | 1,760            |
| Fulton.....        | 2,284                        | 2,158         | 54            | 25                | 2,409               | 2,349            |
| Gibson.....        | 3,043                        | 3,289         | 188           | 135               | 3,622               | 3,471            |
| Grant.....         | 3,754                        | 6,727         | 458           | 82                | 5,072               | 7,723            |
| Greene.....        | 2,891                        | 3,282         | 54            | 264               | 3,344               | 3,434            |
| Hamilton....       | 2,437                        | 4,249         | 281           | 36                | 2,947               | 4,643            |
| Hancock....        | 2,639                        | 2,686         | 80            | 24                | 2,886               | 2,326            |
| Harrison....       | 2,434                        | 2,236         | 81            | 101               | 2,813               | 2,486            |
| Hendricks...       | 2,228                        | 3,032         | 119           | 14                | 3,365               | 3,409            |
| Henry.....         | 2,228                        | 3,596         | 225           | 37                | 2,980               | 4,001            |
| Howard.....        | 2,449                        | 3,543         | 273           | 140               | 3,199               | 4,195            |
| Huntington.        | 3,486                        | 3,631         | 187           | 30                | 3,760               | 4,117            |
| Jackson....        | 3,293                        | 3,226         | 100           | 85                | 3,574               | 2,670            |
| Jasper.....        | 1,257                        | 1,732         | 75            | 68                | 1,608               | 2,022            |
| Jay.....           | 3,111                        | 3,266         | 222           | 112               | 3,680               | 3,473            |
| Jefferson...       | 2,362                        | 3,041         | 48            | 20                | 2,645               | 2,636            |
| Jennings...        | 1,693                        | 1,892         | 45            | 60                | 1,850               | 2,040            |
| Johnson....        | 2,794                        | 2,158         | 123           | 103               | 3,083               | 2,283            |
| Knox.....          | 3,521                        | 2,940         | 130           | 138               | 4,349               | 3,480            |
| Kosciusko...       | 2,796                        | 5,911         | 148           | 17                | 3,372               | 4,342            |
| La Grange...       | 1,165                        | 1,973         | 65            | 22                | 1,665               | 2,442            |
| Lake.....          | 3,095                        | 3,807         | 67            | 24                | 3,418               | 4,893            |
| Laporte....        | 4,424                        | 4,016         | 59            | 16                | 4,511               | 4,661            |
| Lawrence...        | 2,026                        | 2,672         | 61            | 75                | 2,421               | 3,103            |
| Madison....        | 7,209                        | 7,642         | 244           | 141               | 7,590               | 8,388            |
| Marion.....        | 20,812                       | 23,191        | 563           | 86                | 20,654              | 27,351           |



INDIANA—Continued.

| COUNTIES.        | SECRETARY OF STATE,<br>1898. |               |                | PRESIDENT,<br>1898.    |                |                       |
|------------------|------------------------------|---------------|----------------|------------------------|----------------|-----------------------|
|                  | Rals-<br>ton,<br>Dem.        | Hunt,<br>Rep. | Worth,<br>Pro. | Morri-<br>son,<br>Pop. | Bryan,<br>Dem. | Mc-<br>Kinley<br>Rep. |
| Marshall.....    | 2,956                        | 2,678         | 103            | 32                     | 3,598          | 2,938                 |
| Martin.....      | 1,380                        | 1,453         | 29             | 152                    | 1,719          | 1,294                 |
| Miami.....       | 3,443                        | 3,145         | 151            | 54                     | 3,603          | 3,586                 |
| Monroe.....      | 2,119                        | 2,353         | 45             | 77                     | 2,423          | 2,486                 |
| Montgomery.....  | 3,959                        | 4,203         | 100            | 54                     | 4,183          | 4,353                 |
| Morgan.....      | 2,340                        | 2,620         | 74             | 32                     | 2,414          | 2,688                 |
| Newton.....      | 668                          | 1,448         | 44             | 421                    | 1,304          | 1,545                 |
| Noble.....       | 2,749                        | 3,084         | 102            | 16                     | 3,104          | 3,372                 |
| Ohio.....        | 697                          | 705           | 9              | 3                      | 694            | 705                   |
| Orange.....      | 1,625                        | 1,953         | 35             | 92                     | 1,797          | 2,044                 |
| Owen.....        | 1,939                        | 1,639         | 89             | ..                     | 2,010          | 1,751                 |
| Parke.....       | 2,362                        | 2,772         | 154            | 63                     | 2,777          | 2,847                 |
| Perry.....       | 2,169                        | 1,944         | 25             | 22                     | 2,109          | 2,139                 |
| Pike.....        | 2,171                        | 2,276         | 59             | 51                     | 2,557          | 2,532                 |
| Porter.....      | 1,721                        | 2,457         | 40             | 17                     | 3,103          | 2,853                 |
| Posey.....       | 2,705                        | 2,518         | 76             | 105                    | 3,026          | 2,826                 |
| Pulaski.....     | 1,567                        | 1,311         | 79             | 109                    | 1,904          | 1,545                 |
| Putnam.....      | 3,037                        | 2,389         | 96             | 76                     | 3,218          | 2,622                 |
| Randolph.....    | 1,925                        | 4,353         | 134            | 85                     | 2,677          | 4,674                 |
| Ripley.....      | 2,402                        | 2,512         | 81             | 105                    | 2,714          | 2,690                 |
| Rush.....        | 2,502                        | 2,770         | 120            | 6                      | 2,602          | 2,891                 |
| Scott.....       | 1,119                        | 720           | 15             | 5                      | 1,237          | 837                   |
| Shelby.....      | 3,658                        | 2,798         | 182            | 30                     | 3,828          | 3,219                 |
| Spencer.....     | 2,643                        | 2,744         | 50             | 22                     | 2,745          | 3,047                 |
| Starke.....      | 1,237                        | 1,165         | 19             | 15                     | 1,214          | 1,289                 |
| St. Joseph.....  | 5,635                        | 6,881         | 145            | 35                     | 6,247          | 7,138                 |
| Steuben.....     | 1,315                        | 2,359         | 79             | 43                     | 1,674          | 2,655                 |
| Sullivan.....    | 3,019                        | 1,877         | 188            | ..                     | 4,019          | 2,317                 |
| Switzerland..... | 1,677                        | 1,535         | 7              | 4                      | 1,742          | 1,637                 |
| Tippecanoe.....  | 4,170                        | 5,555         | 216            | 17                     | 4,839          | 6,239                 |
| Tipton.....      | 2,346                        | 2,202         | 68             | 175                    | 2,816          | 2,263                 |
| Union.....       | 781                          | 1,023         | 41             | 7                      | 915            | 1,118                 |
| Vanderburgh..... | 6,140                        | 7,508         | 91             | 45                     | 7,132          | 8,068                 |
| Vermillion.....  | 1,675                        | 1,933         | 71             | 22                     | 1,814          | 2,141                 |
| Vigo.....        | 6,909                        | 7,099         | 123            | 91                     | 7,558          | 6,020                 |
| Wabash.....      | 2,652                        | 3,748         | 145            | 25                     | 2,891          | 4,319                 |
| Warren.....      | 838                          | 1,798         | 54             | 13                     | 1,100          | 2,045                 |
| Warrick.....     | 2,547                        | 2,447         | 54             | 111                    | 2,902          | 2,432                 |
| Washington.....  | 2,327                        | 1,953         | 27             | 68                     | 2,613          | 2,214                 |
| Wayne.....       | 3,090                        | 5,389         | 194            | 27                     | 4,053          | 6,841                 |
| Wells.....       | 3,020                        | 1,580         | 91             | 77                     | 3,728          | 2,212                 |
| White.....       | 2,284                        | 2,292         | 95             | 44                     | 2,537          | 2,333                 |
| Whitley.....     | 2,341                        | 2,008         | 86             | 14                     | 2,494          | 2,242                 |
| Total.....       | 269125                       | 298645        | 9,961          | 5,897                  | 305573         | 323754                |
| Plurality.....   | 17,518                       | ..            | ..             | ..                     | ..             | 18,181                |
| Per cent.....    | 45.95                        | 49.96         | 1.74           | 1.03                   | 47.64          | 50.81                 |
| Scattering.....  | ..                           | 1,715         | ..             | ..                     | 8,408          | ..                    |
| Whole vote.....  | ..                           | 573,311       | ..             | ..                     | 637,135        | ..                    |

The scattering vote for Secretary of State in 1898 was for Yochum, Soc. L.

Of the scattering vote for President in 1895 Levering, Pro., had 3,056; Palmer, Nat. Dem., 2,145; Bentley, Nat. Pro., 2,268, and Matchett, Soc. L., 929.

The vote for Governor in 1896 was: Benjamin F. Shively, Dem., 294,855; James A. Mount, Rep., 320,932; L. M. Christ, Pro., 2,996; Thomas Wadsworth Pop., 8,525; J. G. Kingsbury, Nat. Pro. 2,500; P. H. Moore, Soc. L., 283. Mount's plurality, 26,077.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

I. Counties of Gibson, Posey, Pike, Spencer, Vanderburgh, and Warrick. Thomas Duncan, Dem., 19,337; James A. Hemenway, Rep., 20,383; Josephus Lee, Pro., 475. Hemenway's plurality, 1,046.

II. Counties of Daviess, Greene, Monroe, Owen, Sullivan, Knox, Lawrence, and Martin. Robert W. Miers, Dem., 20,245; W. R. Gardner, Rep., 18,656; W. J. Trout, Pro., 1,333. Miers' plurality, 1,539.

III. Counties of Clark, Floyd, Harrison, Dubois, Orange, Crawford, Perry, Scott, and Washington. William T. Zenor, Dem., 21,111; J. P. Whitesides, Rep., 16,791; G. T. Mayfield, Pro., 356. Zenor's plurality, 4,320.

INDIANA—Continued.

IV. Counties of Dearborn, Decatur, Jackson, Brown, Bartholomew, Jennings, Jefferson, Ohio, Ripley, and Switzerland. F. M. Griffith, Dem., 21,751; C. W. Lee, Rep., 19,733; J. N. Hughes, Pro., 213. Griffith's plurality, 2,018.

V. Counties of Clay, Parke, Vermillion, Vigo, Hendricks, Morgan, and Putnam. Sainuel Hammit, Dem., 22,305; Geo. W. Faris, Rep., 22,557; W. E. Carpenter, Pro., 647; A. J. Farrow, Pop., 195. Faris' plurality, 252.

VI. Counties of Fayette, Henry, Hancock, Franklin, Shelby, Union, Rush, and Wayne. Charles A. Robinson, Dem., 19,844; J. E. Watson, Rep., 21,943; Samuel Walker, Pro., 121. Watson's plurality, 2,204.

VII. Counties of Marion and Johnson. Leon O. Bailey, Dem., 22,269; Jesse Overstreet, Rep., 25,868; W. B. Campbell, Pro., 597; H. Kuerst, Soc. L., 235. Overstreet's plurality, 2,599.

VIII. Counties of Adams, Blackford, Delaware, Jay, Madison, Randolph, and Wells. O. B. Lotz, Dem., 24,021; George W. Cromer, Rep., 25,388; G. M. Martin, Pro., 905; J. A. Thompson, Pop., 397. Cromer's plurality, 1,367.

IX. Counties of Boone, Clinton, Fountain, Carroll, Miami, Montgomery, and Tipton. Joseph M. Chead, Dem., 21,357; Charles B. Landis, Rep., 22,447; F. H. King, Pro., 621; Geo. M. Thompson, Pop., 327. Landis' plurality, 1,090.

X. Counties of Benton, Laporte, Jasper, Tippecanoe, Warren, Lake, Newton, Porter, and White. John Ross, Dem., 20,296; Edward D. Crumpacker, Rep., 24,656. Crumpacker's majority, 4,450.

XI. Counties of Howard, Cass, Grant, Huntington, Miami, Wabash, G. W. Melkels, Dem., 20,231; George W. Steele, Rep., 24,397; D. A. McDowell, Pro., 1,171; E. L. Wilson, Pop., 433. Steele's plurality, 4,086.

XII. Counties of Allen, DeKalb, LaGrange, Noble, Steuben, and Whitley. James M. Robinson, Dem., 19,434; C. D. Stemen, Rep., 18,044; H. C. Schrader, Pro., 448. Robinson's plurality, 1,440.

XIII. Counties of Elkhart, Kosciusko, Fulton, Pulaski, Marshall, St. Joseph, and Starke. M. M. Hathaway, Dem., 20,836; Abraham L. Brick, Rep., 23,388; T. E. Webb, Pro., 970; J. L. Korner, Pop., 217. Brick's plurality, 2,452.

PRESENT STATE GOVERNMENT.

Governor, James A. Mount; Lieutenant-Governor, W. S. Haggard; Secretary of State, U. B. Hunt; Treasurer, L. Levy; Auditor, W. H. Hart; Adjutant-General, J. K. Gore; Attorney-General, W. J. Taylor; Superintendent of Instruction, F. L. Jones; Commissioner of Insurance, C. W. Neal; Commissioner of Public Lands, L. G. Rothschild; Chief of Bureau of Statistics, J. B. Conner; Geologist, W. S. Blatchley—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, John V. Hadley; Justices, James H. Jordan, A. Dowling, L. J. Monks, F. E. Baker; Clerk of the Court, R. A. Brown—all Republicans.

STATE LEGISLATURE, 1899.

|                      | Senate. | House. | Joint Ballot. |
|----------------------|---------|--------|---------------|
| Republicans.....     | 29      | 60     | 89            |
| Democrats.....       | 21      | 40     | 61            |
| Republican majority. | 8       | 20     | 28            |

INDIANA—Continued.

| VOTE OF THE STATE SINCE 1872. |         |         |        |        |        |   |
|-------------------------------|---------|---------|--------|--------|--------|---|
|                               | Dem.    | Rep.    | Gr.    | Pro.   | Phu.   |   |
| 1872 President                | 163,632 | 183,147 | ...    | 22,515 | R      |   |
| 1874 Sec. State               | 182,154 | 164,962 | ...    | 17,252 | D      |   |
| 1876 President                | 13,526  | 263,011 | 9,533  | ...    | 5,515  | D |
| 1878 Sec. State               | 191,491 | 186,755 | 39,448 | ...    | 13,736 | D |
| 1880 President                | 225,528 | 232,164 | 12,966 | ...    | 6,641  | R |
| 1882 Sec. State               | 220,924 | 210,000 | 13,615 | ...    | 10,912 | D |
| 1884 President                | 244,922 | 225,480 | 8,293  | 3,028  | 6,524  | D |
| 1886 Lt.-Gov.                 | 228,598 | 231,922 | 4,646  | 9,185  | 3,324  | R |
| 1888 President                | 261,013 | 263,261 | 2,594  | 9,831  | 2,348  | R |
| 1890 Sec. State               | 233,891 | 214,302 | 17,354 | 12,106 | 19,579 | D |
| 1892 President                | 262,740 | 265,615 | 22,208 | 13,050 | 7,125  | D |
| 1894 Sec. State               | 278,732 | 263,405 | 29,388 | 11,557 | 44,673 | R |
| 1896 President                | 305,673 | 323,754 | ...    | 3,056  | 15,181 | R |
| 1898 Sec. State               | 269,125 | 286,643 | 5,867  | 9,961  | 17,518 | R |

IOWA.

| COUNTIES.<br>(99.) | GOVERNOR,<br>1899. |               |                      |                | PRESIDENT,<br>1896. |                        |  |
|--------------------|--------------------|---------------|----------------------|----------------|---------------------|------------------------|--|
|                    | White,<br>D-m.     | Shaw,<br>Rep. | At-<br>wood,<br>Pro. | Lloyd,<br>Pop. | Bryan,<br>Dem.      | Mc-<br>Kinley,<br>Rep. |  |
| Adair.....         | 1,685              | 2,047         | 35                   | 18             | 1,946               | 3,127                  |  |
| Adams.....         | 1,380              | 1,585         | 69                   | 14             | 1,701               | 1,736                  |  |
| Allamakee....      | 1,799              | 2,251         | 23                   | 2              | 1,897               | 2,471                  |  |
| Appanoose....      | 2,376              | 2,935         | 51                   | 36             | 2,940               | 3,046                  |  |
| Audubon.....       | 1,282              | 1,657         | 21                   | 5              | 1,417               | 1,705                  |  |
| Benton.....        | 2,653              | 2,973         | 64                   | 15             | 2,560               | 3,604                  |  |
| Blackhawk....      | 1,686              | 3,070         | 106                  | 11             | 2,167               | 4,643                  |  |
| Boone.....         | 1,967              | 2,971         | 186                  | 8              | 2,801               | 3,741                  |  |
| Bremer.....        | 1,941              | 1,788         | 38                   | 7              | 1,704               | 2,116                  |  |
| Buchanan....       | 1,792              | 2,437         | 178                  | 5              | 2,233               | 2,865                  |  |
| Buena Vista..      | 786                | 1,818         | 82                   | 24             | 1,178               | 2,268                  |  |
| Butler.....        | 965                | 1,992         | 40                   | 2              | 1,372               | 2,670                  |  |
| Calhoun.....       | 806                | 2,027         | 36                   | 6              | 1,280               | 2,698                  |  |
| Carroll.....       | 2,244              | 1,933         | 10                   | 6              | 2,417               | 2,066                  |  |
| Cass.....          | 1,759              | 2,590         | 24                   | 35             | 2,240               | 2,959                  |  |
| Cedar.....         | 2,151              | 2,520         | 102                  | 6              | 2,128               | 2,717                  |  |
| Cerro Gordo..      | 951                | 2,235         | 127                  | 8              | 1,408               | 3,048                  |  |
| Cherokee....       | 1,160              | 1,738         | 165                  | 11             | 1,464               | 2,343                  |  |
| Chickasaw....      | 2,091              | 1,813         | 31                   | 5              | 2,084               | 1,967                  |  |
| Clarke.....        | 1,317              | 1,647         | 42                   | 9              | 1,517               | 1,646                  |  |
| Clay.....          | 647                | 1,624         | 49                   | 16             | 983                 | 1,880                  |  |
| Clayton.....       | 2,753              | 2,606         | 65                   | 8              | 2,910               | 3,302                  |  |
| Clinton.....       | 4,284              | 4,024         | 35                   | 13             | 4,690               | 5,584                  |  |
| Crawford....       | 2,252              | 1,958         | 95                   | 9              | 2,296               | 2,189                  |  |
| Dallas.....        | 1,497              | 2,687         | 136                  | 21             | 2,316               | 3,326                  |  |
| Davis.....         | 1,958              | 1,546         | 40                   | 51             | 2,367               | 1,652                  |  |
| Decatur.....       | 1,991              | 1,187         | 31                   | 30             | 2,362               | 2,268                  |  |
| Delaware....       | 1,277              | 2,110         | 46                   | 10             | 1,778               | 2,799                  |  |
| Des Moines...      | 3,469              | 3,244         | 46                   | 9              | 3,741               | 4,549                  |  |
| Dickinson....      | 386                | 1,063         | 67                   | 12             | 517                 | 1,131                  |  |
| Dubuque....        | 5,931              | 3,563         | 47                   | 8              | 6,570               | 5,203                  |  |
| Emmett.....        | 328                | 931           | 96                   | 6              | 559                 | 1,429                  |  |
| Fayette.....       | 2,547              | 3,426         | 108                  | 22             | 2,822               | 3,522                  |  |
| Floyd.....         | 1,689              | 2,117         | 61                   | 15             | 1,461               | 2,749                  |  |
| Franklin....       | 461                | 1,743         | 23                   | 1              | 1,894               | 2,439                  |  |
| Fremont....        | 2,030              | 1,878         | 40                   | 15             | 2,857               | 1,948                  |  |
| Greene.....        | 1,163              | 2,115         | 40                   | 6              | 1,629               | 2,605                  |  |
| Grundy.....        | 1,169              | 1,661         | 46                   | 3              | 1,206               | 1,894                  |  |
| Guthrie....        | 1,652              | 2,294         | 72                   | 8              | 2,220               | 2,541                  |  |
| Hamilton....       | 869                | 2,094         | 19                   | 6              | 1,300               | 3,074                  |  |
| Hancock....        | 800                | 1,876         | 32                   | 9              | 1,007               | 1,975                  |  |
| Hardin.....        | 816                | 3,329         | 101                  | 6              | 1,568               | 3,575                  |  |
| Harrison....       | 2,641              | 2,775         | 117                  | 46             | 3,214               | 2,839                  |  |
| Henry.....         | 1,707              | 2,356         | 67                   | 15             | 2,092               | 2,774                  |  |
| Howard.....        | 1,318              | 1,557         | 78                   | 2              | 1,507               | 1,929                  |  |
| Humboldt...        | 559                | 1,504         | 13                   | 5              | 783                 | 2,010                  |  |
| Ida.....           | 1,928              | 1,322         | 29                   | 6              | 1,421               | 1,475                  |  |
| Iowa.....          | 1,934              | 2,067         | 46                   | 24             | 1,956               | 2,391                  |  |
| Jackson....        | 2,584              | 2,623         | 33                   | 29             | 3,019               | 2,768                  |  |
| Jasper.....        | 3,009              | 3,330         | 84                   | 24             | 3,279               | 3,713                  |  |
| Jefferson...       | 1,297              | 2,072         | 75                   | 11             | 1,772               | 2,478                  |  |
| Johnson....        | 3,075              | 2,735         | 26                   | 14             | 3,170               | 2,910                  |  |
| Jones.....         | 2,140              | 2,546         | 66                   | ...            | 2,143               | 2,067                  |  |
| Keokuk....         | 2,620              | 2,927         | 127                  | 10             | 2,891               | 3,166                  |  |
| Kossuth....        | 1,748              | 2,501         | 23                   | 6              | 1,861               | 2,980                  |  |

IOWA—Continued.

| COUNTIES.   | GOVERNOR,<br>1899.           |                                  |                       | Lloyd,<br>Pop.    | PRESIDENT,<br>1896.              |                                  |
|---|------------------------------|----------------------------------|-----------------------|-------------------|----------------------------------|----------------------------------|
|   | White,<br>Dem.               | Shaw,<br>Rep.                    | At-<br>wood,<br>Pro.  |                   | Bryan,<br>Dem.                   | Mc-<br>Kinley,<br>Rep.           |
| Lee.....  | 4,437                        | 3,288                            | 44                    | 22                | 5,253                            | 4,847                            |
| Linn.....   | 3,966                        | 5,735                            | 203                   | 16                | 5,183                            | 7,335                            |
| Louisia....   | 993                          | 1,814                            | 60                    | 12                | 1,834                            | 2,035                            |
| Lucas.....  | 1,153                        | 1,691                            | 107                   | 9                 | 1,621                            | 1,859                            |
| Lyon.....   | 1,308                        | 1,257                            | 37                    | 7                 | 1,464                            | 1,568                            |
| Madison....   | 1,828                        | 2,392                            | 64                    | 152               | 2,224                            | 2,313                            |
| Mahaska....   | 3,120                        | 3,595                            | 198                   | 17                | 3,974                            | 4,256                            |
| Marion....  | 2,506                        | 2,526                            | 157                   | 29                | 3,119                            | 2,741                            |
| Marshall...<br>Mills.....                               | 1,991<br>1,685               | 3,751<br>1,995                   | 205<br>74             | 6<br>23           | 2,626<br>1,958                   | 4,541<br>2,153                   |
| Mitchell...<br>Monona....                               | 567<br>1,665                 | 1,752<br>1,638                   | 46<br>52              | 2                 | 1,931<br>2,526                   | 2,498<br>1,526                   |
| Monroe....<br>Montgomery.                               | 1,707<br>1,132               | 1,860<br>2,391                   | 120<br>50             | 31                | 2,094<br>1,927                   | 1,836<br>2,926                   |
| Muscatine...<br>O'Brien....                             | 2,872<br>1,380               | 3,114<br>1,843                   | 65<br>21              | 43                | 2,863<br>1,562                   | 3,627<br>2,421                   |
| Osceola....   | 822                          | 905                              | 26                    | 26                | 767                              | 1,094                            |
| Page.....   | 1,265                        | 2,533                            | 212                   | 26                | 2,390                            | 3,213                            |
| Palo Alto...<br>Plymouth...<br>Pocahontas..             | 1,357<br>2,142<br>1,212      | 1,619<br>2,219<br>1,683          | 41<br>69<br>49        | 9<br>46<br>10     | 1,547<br>2,392<br>1,377          | 1,595<br>2,623<br>1,866          |
| Polk.....   | 4,313                        | 7,189                            | 393                   | 48                | 7,087                            | 11,127                           |
| Pottawat'mie.<br>Poweshiek...<br>Ringgold....           | 4,378<br>1,587<br>1,218      | 5,247<br>2,534<br>1,997          | 100<br>71<br>60       | 32                | 5,586<br>2,413<br>1,361          | 5,810<br>2,969<br>2,209          |
| Sac.....  | 1,155                        | 2,151                            | 130                   | 6                 | 1,646                            | 2,513                            |
| Scott.....  | 4,197                        | 4,448                            | 48                    | 9                 | 4,032                            | 6,449                            |
| Shelby....  | 1,962                        | 1,849                            | 17                    | 12                | 2,175                            | 2,019                            |
| Sioux.....  | 1,532                        | 2,332                            | 40                    | 7                 | 1,899                            | 2,841                            |
| Story.....  | 887                          | 2,917                            | 115                   | 6                 | 1,589                            | 3,630                            |
| Tama.....   | 2,448                        | 2,710                            | 96                    | 5                 | 2,293                            | 3,054                            |
| Taylor....  | 1,702                        | 2,232                            | 123                   | 9                 | 2,596                            | 2,468                            |
| Union.....  | 1,771                        | 2,021                            | 123                   | 38                | 2,425                            | 2,196                            |
| Van Buren..   | 1,702                        | 2,323                            | 45                    | 9                 | 2,076                            | 2,478                            |
| Wapello....   | 3,297                        | 3,865                            | 87                    | 83                | 4,041                            | 4,319                            |
| Warren....  | 1,905                        | 2,497                            | 139                   | 21                | 2,214                            | 2,826                            |
| Washington.<br>Wayne.....                               | 1,920<br>1,861               | 2,366<br>2,074                   | 128<br>128            | 11                | 2,292<br>2,182                   | 2,882<br>2,101                   |
| Webster....   | 1,999                        | 3,084                            | 144                   | 45                | 2,557                            | 3,691                            |
| Winnebago..   | 831                          | 1,321                            | 34                    | 13                | 714                              | 1,912                            |
| Winnesheik.<br>Woodbury...<br>Worth.....<br>Wright..... | 1,624<br>3,298<br>429<br>612 | 2,695<br>4,838<br>1,247<br>2,137 | 38<br>172<br>15<br>70 | 6<br>51<br>6<br>1 | 2,033<br>4,876<br>1,584<br>1,992 | 3,324<br>6,402<br>1,696<br>2,992 |
| Total.....  | 183326                       | 239543                           | 7,650                 | 1,694             | 223741                           | 230993                           |
| Plurality....   | 56,217                       | ...                              | ...                   | ...               | ...                              | 65,552                           |
| Per cent....  | 42.29                        | 55.25                            | 1.76                  | 0.39              | 42.82                            | 55.46                            |
| Scattering...<br>Whole vote..                           | 1,246<br>433,459             | ...                              | ...                   | ...               | 8,513<br>521,547                 | ...                              |

The scattering vote in 1899 was: Kremer, Soc. L., 763; Heacock, United Christian, 483.

The scattering vote in 1896 was: Palmer, Nat Dem., 4,516; Levering Pro., 3,192; Bentley, Nat. Pro., 352; Matchett, Soc. L., 453.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898. Districts.

I. Counties of Des Moines, Henry, Jefferson, Lee, Louisa, Van Buren, and Washington. D. J. O'Connell, Fus., 14,568; Thomas Hedge, Rep., 17,817; J. W. Glasgow, Pro., 456. Hedge's plurality, 3,249.

II. Counties of Clinton, Iowa, Jackson, Johnson, Muscatine, and Scott. John J. Ney, Fus., 17,508; Joseph R. Lane, Rep., 18,790; J. B. Welzenback, Soc. L., 396; E. Elliott, Pro., 260; A. W. Ricker, Pop., 193. Lane's plurality, 1,282.

III. Counties of Blackhawk, Bremer, Buchanan, Butler, Delaware, Dubuque, Franklin, Hardin, and Wright. J. H. Howell, Fus., 15,493; David B. Henderson, Rep., 22,512; E. J. Dean, Ind., 78. Henderson's plurality, 7,019.

IV. Counties of Allamakee, Cerro Gordo, Chickasaw, Clayton, Fayette, Floyd, Howard, Mitchell, Winnesheik, and Worth. T. T. Blaise, Fus., 13,849; G. N. Haugen, Rep., 21,468; P. Wooding, Pro., 462; T. Tracy, Pop., 117; P. Woodman, Ind., 4. Haugen's plurality, 7,619.

IOWA—Continued.

- V. Counties of Benton, Cedar, Grundy, Jones, Linn, Marshall, and Tama. L. J. Rowell, Fus., 15,970; R. G. Cousins, Rep., 21,335; J. G. Van Ness, Pro., 719; J. W. Whimer, Pop., 76; L. G. Wood, Ind., 42. Cousins' plurality, 5,365.
- VI. Counties of Davis, Jasper, Keokuk, Mahaska, Monroe, Poweshiek, and Wapello. J. B. Weaver, Fus., 18,267; John F. Lacey, Rep., 19,738; L. L. Turner, Pro., 518; I. M. Morris, Pop., 294. Lacey's plurality, 1,471.
- VII. Counties of Dallas, Madison, Marion, Polk, Story, and Warren. C. O. Holly, Fus., 12,247; John A. T. Hull, Rep., 19,131; T. G. Orwig, Pro., 892; C. M. Iauis, Pop., 501. Hull's plurality, 7,652.
- VIII. Counties of Adams, Appanoose, Clarke, Decatur, Fremont, Lucas, Page, Ringgold, Taylor, Union, and Wayne. G. L. Finn, Fus., 18,503; W. P. Hepburn, Rep., 22,237; C. L. Parsons, Pro., 817; D. C. Cowles, Pop., 402. Hepburn's plurality, 3,824.
- IX. Counties of Adair, Audubon, Cass, Guthrie, Harrison, Mills, Montgomery, Pottawattomie, and Shelby. J. A. Lyons, Fus., 17,484; Smith McPherson, Rep., 21,976; S. M. Blackman, Pro., 373; L. McDowell, Pop., 296. McPherson's plurality, 4,493.
- X. Counties of Boone, Calhoun, Carroll, Crawford, Emmet, Greene, Hamilton, Hancock, Humboldt, Kossuth, Palo Alto, Pocahontas, Webster, and Winnebago. E. Aderson, Fus., 17,777; J. P. Dolliver, Rep., 25,180; P. J. Shaw, Pro., 613; A. Norelius, Pop., 155. Dolliver's plurality, 7,403.
- XI. Counties of Buena Vista, Cherokee, Clay, Dickinson, Ida, Lyon, Monona, O'Brien, Osceola, Plymouth, Sac, Sioux, and Woodbury. A. S. Garrettson, Fus., 16,117; Lot Thomas, Rep., 22,400; J. M. Hoffman, Pro., 723; J. O. McElroy, Pop., 353. Thomas' plurality, 6,283.

PRESENT STATE GOVERNMENT.

Governor, Leslie M. Shaw; Lieutenant-Governor, J. C. Milliman; Superintendent of Public Instruction, R. C. Barrett; Secretary of State, Geo. L. Dobson; Auditor, F. F. Merriam; Treasurer, John Herriott; Attorney-General, Milton Remley; Adjutant-General, M. H. Beyers—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, G. S. Robinson, Rep.; Associate Justices, Scott M. Ladd, Rep.; C. T. Granger, Rep.; Josiah Given, Rep.; C. M. Waterman, Rep.; H. E. Deemer, Rep.; Clerk of the Court, C. T. Jones, Rep.

STATE LEGISLATURE, 1900.

|                  | Senate. House. Joint Ballot. |    |     |
|------------------|------------------------------|----|-----|
| Republicans..... | 35                           | 81 | 116 |
| Democrats.....   | 15                           | 19 | 34  |

Republican majority. 20 62 82

VOTE OF THE STATE SINCE 1872.

|                       | Dem                  | Rep.    | Gr.          | Pro.   | Plu.      |
|-----------------------|----------------------|---------|--------------|--------|-----------|
| 1872. Pres.....       | 71,194               | 131,173 |              |        | *60,039 R |
| 1876. Pres.....       | 112,121              | 171,532 | 9,400        |        | 49,721 R  |
| 1880. Pres.....       | 105,845              | 189,904 | 32,327       |        | 78,059 R  |
| 1884. Pres.....       | 117,316              | 191,089 |              | 1,472  | 19,773 R  |
| 1888. Pres.....       | 179,887              | 211,595 | 9,105        | 3,550  | 31,711 R  |
| 1891. Gov.....        | 207,589              | 139,373 | 12,211       | 919    | 8,216 D   |
|                       | <i>Pro.</i>          |         |              |        |           |
| 1892. Pres.....       | 196,367              | 219,795 | 20,595       | 6,402  | 23,428 R  |
| 1894. Sec. State..... | 149,980              | 229,376 | 34,907       | 7,457  | 79,366 R  |
| 1895. Gov.....        | 149,433              | 208,682 | 32,118       | 11,052 | 69,256 R  |
|                       | <i>D. &amp; Pro.</i> |         | <i>N. D.</i> |        |           |
| 1896. Sec. State..... | 224,812              | 288,715 |              | 3,333  | 63,903 R  |
| 1896. Pres.....       | 223,741              | 299,293 | 4,516        | 3,192  | 65,552 R  |
| 1897. Gov.....        | 194,514              | 234,501 | 4,268        | 8,357  | 29,987 R  |
|                       | <i>Dem.</i>          |         | <i>Pro.</i>  |        |           |
| 1898. Sec. State..... | 173,000              | 236,524 | 3,472        | 7,559  | 63,524 R  |
| 1899. Gov.....        | 183,326              | 239,543 | 1,694        | 7,650  | 56,217 R  |

\*Majority. †Democratic and G'back Fusion vote.

KANSAS.

| COUNTIES.<br>(106.) | GOVERNOR,<br>1898. |                       |                          | PRESIDENT,<br>1896.   |                       |                |
|---------------------|--------------------|-----------------------|--------------------------|-----------------------|-----------------------|----------------|
|                     | Leedy,<br>Fus.     | Stan-<br>ley,<br>Rep. | Bryan,<br>Dem.<br>& Pop. | Mc-<br>Kinley<br>Rep. | Fal-<br>mer,<br>N. D. | Lev-<br>ering. |
| Allen.....          | 1,334              | 1,812                 | 1,660                    | 1,833                 | 22                    | 21             |
| Anderson.....       | 1,568              | 1,605                 | 1,892                    | 1,780                 | 14                    | 35             |
| Atchison.....       | 2,177              | 2,959                 | 2,965                    | 3,326                 | 16                    | 10             |
| Barber.....         | 662                | 654                   | 735                      | 587                   | 4                     | 10             |
| Barton.....         | 1,433              | 1,245                 | 1,616                    | 1,215                 | 18                    | 4              |
| Bourbon.....        | 2,200              | 2,538                 | 3,067                    | 2,900                 | 28                    | 20             |
| Brown.....          | 2,001              | 2,557                 | 2,618                    | 2,879                 | 20                    | 49             |
| Butler.....         | 2,275              | 2,352                 | 2,926                    | 2,414                 | 9                     | 22             |
| Chase.....          | 825                | 863                   | 981                      | 812                   | 8                     | 12             |
| Chautauqua.....     | 1,070              | 1,350                 | 1,293                    | 1,359                 | 10                    | 5              |
| Cherokee.....       | 3,311              | 2,935                 | 5,108                    | 3,505                 | 46                    | 44             |
| Cheyenne.....       | 299                | 284                   | 322                      | 327                   | 4                     | 4              |
| Clark.....          | 187                | 181                   | 192                      | 182                   |                       |                |
| Clay.....           | 1,613              | 1,620                 | 1,933                    | 1,655                 | 7                     | 32             |
| Cloud.....          | 1,843              | 1,824                 | 2,129                    | 1,718                 | 9                     | 21             |
| Coffee.....         | 1,733              | 1,864                 | 2,194                    | 2,000                 | 36                    | 32             |
| Comanche.....       | 144                | 187                   | 170                      | 142                   | 2                     |                |
| Cowley.....         | 2,805              | 3,077                 | 3,410                    | 2,871                 | 20                    | 51             |
| Crawford.....       | 3,565              | 3,113                 | 4,755                    | 3,868                 | 38                    | 24             |
| Decatur.....        | 801                | 620                   | 1,032                    | 594                   | 4                     | 3              |
| Dickinson.....      | 1,950              | 2,270                 | 2,392                    | 2,291                 | 16                    | 28             |
| Doniphan.....       | 1,132              | 2,304                 | 1,332                    | 2,549                 | 8                     | 6              |
| Douglas.....        | 2,117              | 2,740                 | 3,574                    | 3,582                 | 17                    | 42             |
| Edwards.....        | 412                | 384                   | 479                      | 322                   | 2                     | 5              |
| Elk.....            | 1,315              | 1,384                 | 1,470                    | 1,359                 | 4                     | 7              |
| Ellis.....          | 919                | 841                   | 1,050                    | 460                   | 13                    | 9              |
| Ellsworth.....      | 744                | 1,435                 | 994                      | 1,084                 | 1                     | 5              |
| Finey.....          | 290                | 440                   | 365                      | 505                   | 1                     | 1              |
| Ford.....           | 538                | 562                   | 643                      | 555                   | 3                     | 6              |
| Franklin.....       | 2,219              | 2,360                 | 3,152                    | 2,609                 | 9                     | 23             |
| Garfield.....       |                    |                       |                          |                       |                       |                |
| Geary.....          | 871                | 944                   | 1,174                    | 1,051                 | 8                     | 16             |
| Gove.....           | 201                | 320                   | 204                      | 279                   | 14                    | 4              |
| Graham.....         | 630                | 405                   | 648                      | 343                   | 3                     | 3              |
| Grant.....          | 36                 | 52                    | 60                       | 51                    |                       |                |
| Gray.....           | 112                | 171                   | 133                      | 153                   |                       |                |
| Greely.....         | 33                 | 99                    | 76                       | 121                   |                       | 2              |
| Greenwood.....      | 1,737              | 1,775                 | 2,062                    | 1,835                 | 10                    | 12             |
| Hamilton.....       | 157                | 204                   | 216                      | 185                   | 3                     | 1              |
| Harper.....         | 1,043              | 958                   | 1,335                    | 812                   | 11                    | 13             |
| Harvey.....         | 1,307              | 1,945                 | 1,681                    | 2,082                 | 17                    | 24             |
| Haskell.....        | 38                 | 72                    | 54                       | 81                    | 3                     |                |
| Hodgeman.....       | 209                | 278                   | 234                      | 262                   |                       | 2              |
| Jackson.....        | 1,450              | 2,041                 | 1,955                    | 2,158                 | 11                    | 20             |
| Jefferson.....      | 1,713              | 2,102                 | 2,276                    | 2,322                 | 19                    | 25             |
| Jewell.....         | 1,914              | 2,072                 | 2,312                    | 2,902                 | 7                     | 19             |
| Johnson.....        | 1,949              | 2,021                 | 2,462                    | 2,313                 | 23                    | 30             |
| Kearney.....        | 111                | 177                   | 172                      | 172                   | 1                     |                |
| Kingman.....        | 1,015              | 1,110                 | 1,393                    | 988                   | 12                    | 16             |
| Kiowa.....          | 214                | 266                   | 246                      | 250                   | 3                     | 1              |
| Labette.....        | 2,979              | 3,027                 | 3,669                    | 3,206                 | 20                    | 34             |
| Lane.....           | 172                | 232                   | 191                      | 241                   | 2                     | 5              |
| Leavenworth.....    | 3,389              | 3,120                 | 4,665                    | 4,004                 | 21                    | 45             |
| Lincoln.....        | 990                | 845                   | 1,382                    | 787                   | 12                    | 8              |
| Linn.....           | 1,901              | 1,909                 | 2,425                    | 2,153                 | 21                    | 16             |
| Logan.....          | 150                | 277                   | 175                      | 214                   | 3                     | 2              |
| Lyon.....           | 2,199              | 2,567                 | 3,276                    | 2,860                 | 8                     | 70             |
| Marion.....         | 1,232              | 2,072                 | 1,690                    | 2,285                 | 26                    | 23             |
| Marshall.....       | 2,354              | 2,871                 | 3,776                    | 3,052                 | 29                    | 25             |
| McPherson.....      | 1,860              | 2,333                 | 2,324                    | 2,269                 | 14                    | 28             |
| Meade.....          | 142                | 198                   | 493                      | 203                   | 1                     | 2              |
| Miami.....          | 2,046              | 2,270                 | 2,812                    | 2,541                 | 23                    | 13             |
| Mitchell.....       | 1,504              | 1,282                 | 1,889                    | 1,428                 | 1                     | 22             |
| Montgomery.....     | 2,661              | 2,688                 | 3,120                    | 2,714                 | 27                    | 15             |
| Morris.....         | 1,161              | 1,425                 | 1,456                    | 1,484                 | 15                    | 15             |
| Morton.....         | 34                 | 40                    | 36                       | 52                    |                       | 1              |
| Nemaha.....         | 2,145              | 2,316                 | 2,478                    | 2,568                 | 11                    | 26             |
| Neosho.....         | 2,007              | 2,040                 | 2,601                    | 2,177                 | 16                    | 17             |
| Ness.....           | 455                | 413                   | 527                      | 354                   | 1                     | 16             |
| Norton.....         | 966                | 1,059                 | 1,260                    | 941                   | 3                     | 26             |
| Osage.....          | 2,592              | 2,579                 | 3,482                    | 2,903                 | 5                     | 48             |
| Osborne.....        | 1,107              | 1,340                 | 1,408                    | 1,325                 | 17                    | 21             |
| Ottawa.....         | 1,176              | 1,312                 | 1,486                    | 1,266                 | 5                     | 13             |
| Pawnee.....         | 609                | 554                   | 635                      | 499                   | 11                    | 6              |
| Phillips.....       | 1,349              | 1,471                 | 1,506                    | 1,374                 | 10                    | 15             |
| Pottawattomie.....  | 1,902              | 2,245                 | 2,380                    | 2,308                 | 23                    | 13             |
| Pratt.....          | 643                | 607                   | 820                      | 621                   | 2                     | 10             |

KANSAS—Continued.

| COUNTIES.       | GOVERNOR,<br>1898. |                       | PRESIDENT,<br>1896.      |                        |                       |                        |
|-----------------|--------------------|-----------------------|--------------------------|------------------------|-----------------------|------------------------|
|                 | Leedy,<br>Fus.     | Stan-<br>ley,<br>Rep. | Bryan,<br>Dem.<br>& Pop. | Mc-<br>Kinley,<br>Rep. | Pal-<br>mer,<br>N. D. | Lev-<br>ering,<br>Pro. |
| Rawlins.....    | 528                | 470                   | 609                      | 439                    | 2                     | 1                      |
| Reno.....       | 2,458              | 2,993                 | 3,053                    | 3,273                  | 23                    | 28                     |
| Republic.....   | 1,636              | 2,142                 | 1,913                    | 2,083                  | 11                    | 17                     |
| Rice.....       | 1,384              | 1,705                 | 1,731                    | 1,729                  | 19                    | 57                     |
| Riley.....      | 1,122              | 1,728                 | 1,443                    | 1,890                  | 20                    | 20                     |
| Rooks.....      | 820                | 841                   | 971                      | 817                    | 5                     | 7                      |
| Rush.....       | 561                | 609                   | 645                      | 515                    | 4                     | 4                      |
| Russell.....    | 636                | 960                   | 863                      | 202                    | 5                     | 19                     |
| Saline.....     | 1,904              | 1,808                 | 2,334                    | 1,705                  | 10                    | 9                      |
| Scott.....      | 138                | 121                   | 161                      | 91                     | ..                    | 1                      |
| Sedgewick.....  | 4,187              | 4,203                 | 5,434                    | 4,322                  | 17                    | 53                     |
| Seward.....     | 56                 | 88                    | 78                       | 100                    | ..                    | 1                      |
| Shawnee.....    | 2,805              | 5,937                 | 5,576                    | 6,978                  | 31                    | 78                     |
| Sheridan.....   | 387                | 363                   | 384                      | 283                    | 28                    | 2                      |
| Sherman.....    | 339                | 333                   | 437                      | 291                    | 1                     | 2                      |
| Smith.....      | 1,740              | 1,524                 | 2,017                    | 1,385                  | 7                     | 29                     |
| Stafford.....   | 968                | 808                   | 1,282                    | 710                    | 1                     | 18                     |
| Stanton.....    | 58                 | 42                    | 57                       | 55                     | ..                    | ..                     |
| Stevens.....    | 75                 | 48                    | 101                      | 45                     | ..                    | ..                     |
| Summer.....     | 2,423              | 2,801                 | 3,049                    | 2,515                  | 12                    | 37                     |
| Thomas.....     | 490                | 3,6                   | 488                      | 304                    | 2                     | 2                      |
| Trego.....      | 305                | 294                   | 340                      | 256                    | ..                    | 3                      |
| Wabunsee.....   | 1,174              | 1,464                 | 1,445                    | 1,586                  | 12                    | 18                     |
| Wallace.....    | 79                 | 168                   | 124                      | 181                    | ..                    | ..                     |
| Washington..... | 1,923              | 2,565                 | 2,291                    | 2,514                  | 39                    | 11                     |
| Wichita.....    | 117                | 211                   | 191                      | 214                    | ..                    | 3                      |
| Wilson.....     | 1,589              | 1,689                 | 1,959                    | 1,852                  | 7                     | 7                      |
| Woodson.....    | 1,0                | 5                     | 1,189                    | 1,288                  | 7                     | 10                     |
| Wyandotte.....  | 3,360              | 4,286                 | 6,882                    | 6,852                  | 80                    | 30                     |
| Total.....      | 139,158            | 149,292               | 171,810                  | 159,541                | 1,209                 | 1,921                  |
| Plurality.....  | ..                 | 15,134                | 12,269                   | ..                     | ..                    | ..                     |
| Per cent.....   | 46.84              | 52.13                 | 51.06                    | 47.16                  | 0.36                  | 0.57                   |
| Scattering..... | 2,929              | ..                    | ..                       | 1,862                  | ..                    | ..                     |
| Whole vote..... | 286,379            | ..                    | ..                       | 336,134                | ..                    | ..                     |

Of the scattering vote for Governor in 1898, Feffer, Pro., had 1,092 and Lipscomb, Soc. L., 642.

Bryan's vote was: Dem., 126,456; Pop. 45,354—171,810. Middle-of-the-Road Populists cast 1,282 votes. Bentley's vote was 630. The Democratic and People's tickets had the same electors.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

At Large—J. D. Botkin Fusion, 130,801; W. J. Bailey, Rep., 147,621; M. Williams, Pro., 2,021; F. E. Miller, Soc. L., 630.

Districts.

- I. Counties of Atchison, Brown, Doniphan, Jackson, Jefferson, Leavenworth, Nemaha, and Shawnee. W. W. Price, Fus., 16,187; Charles Curtis, Rep., 23,699. Curtis' majority, 7,712.
- II. Counties of Allen, Anderson, Bourbon, Douglas, Franklin, Johnson, Linn, Miami, and Wyandotte. M. S. Peters, Fus., 19,024; J. D. Bowersock, Rep., 21,029. Bowersock's majority, 2,005.
- III. Counties of Chautauqua, Cherokee, Cowley, Crawford, Elk, Labette, Montgomery, Neosho, and Wilson. E. B. Ridley, Fus., 21,739; S. S. Kirkpatrick, Rep., 20,589. Ridgeley's majority, 1,150.
- IV. Counties of Butler, Chase, Coffey, Greenwood, Lyon, Marion, Morris, Osage, Pottawatomie, Wabunsee, and Woodson. H. S. Martin, Fus., 17,410; J. M. Miller, Rep., 20,312. Miller's majority, 2,902.
- V. Counties of Clay, Cloud, Geary, Dickinson, Marshall, Ottawa, Republic, Riley, Saline, and Washington. W. D. Vincent, Fus., 16,508; W. A. Calderhead, Rep., 18,981. Calderhead's majority, 2,473.
- VI. N. B. McCormick, Pop., 14,732; W. A. Reeder, Rep., 16,833; W. G. Hofter, Dem., 2,334. Reeder's plurality, 2,101.

KANSAS—Continued.

VII. Jerry Simpson, Fus., 24,834; Chester J. Long, Rep., 26,622. Long's majority, 1,788.

VOTE FOR STATE OFFICERS, 1896.

For Governor, J. W. Leedy, Dem.—Pop. 168,041; E. N. Morrill, Rep., 160,350; Horace Hurley, Pro., 2,347; A. E. Keplord, Ind., 703; Douthard, Nat., 757. Leedy's plurality, 7,691.

PRESIDENT STATE GOVERNMENT.

Governor, W. E. Stanley; Lieutenant-Governor, H. E. Richter; Secretary of State, G. A. Clark; Treasurer, Frank E. Grimes; Auditor, Geo. E. Cole; Attorney-General, A. A. Godard; Superintendent of Education, Frank Neeson; Commissioner of Agriculture, F. D. Coburn; Adjutant-General, S. M. Fox; Superintendent of Insurance, W. V. Church—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, Frank Doster, Pop.; Associate Justices, Wm. R. Smith, Rep., and W. F. Johnston, Rep.; Clerk, D. A. Valentin, Rep.

STATE LEGISLATURE, 1899.

|                  | Senate. | House. | Joint Ballot. |
|------------------|---------|--------|---------------|
| Republicans..... | 12      | 52     | 104           |
| Fusion.....      | 28      | 32     | 60            |

VOTE OF THE STATE SINCE 1812.

|                        | Dem.    | Rep.    | Gr.     | Pro.  | Plu.                  |
|------------------------|---------|---------|---------|-------|-----------------------|
| 1812, President.....   | 32,979  | 66,505  | ..      | ..    | *33,826 R             |
| 1814, Governor.....    | 75,301  | 48,544  | ..      | ..    | *13,229 R             |
| 1816, President.....   | 77,092  | 78,22   | 7,770   | ..    | 40,129 R              |
| 1818, Governor.....    | 37,208  | 74,090  | 27,057  | ..    | 36,512 R              |
| 1820, President.....   | 59,789  | 121,520 | 19,710  | ..    | 61,711 R              |
| 1822, Governor.....    | 83,237  | 75,154  | 50,984  | ..    | 8,571 R               |
| 1824, President.....   | 0 1-2   | 154,406 | 16,341  | 4,954 | 6 1-2 R               |
| 1826, Governor.....    | 115,607 | 140,615 | ..      | 8,004 | 18 R                  |
| 1828, President.....   | 102,745 | 182,304 | 37,788  | 6,779 | 89,129 R              |
| 1830, Governor.....    | 51,357  | 115,025 | 106,272 | 1,230 | 8,053 R               |
| 1832, President.....   | ..      | 15,237  | 15,111  | 4,600 | 5,874 R               |
| 1834, Governor.....    | 26,709  | 145,707 | 138,229 | 5,456 | 30,788 R              |
| 1836, Ch. Justice..... | ..      | 134,72  | 42,58   | ..    | 81,411 R              |
| 1838, President.....   | ..      | 171,810 | 159,541 | 1,209 | 12,269 D <sup>a</sup> |
| 1840, Governor.....    | ..      | 134,168 | 149,292 | 642   | 1,092 15,134 R        |

\* Majority.

KENTUCKY.

| COUNTIES.<br>(119.) | GOVERNOR,<br>1899. |                       |                |               | PRESIDENT,<br>1896. |                       |
|---------------------|--------------------|-----------------------|----------------|---------------|---------------------|-----------------------|
|                     | Ceebel<br>Dem.     | Brown<br>Ind.<br>Dem. | Taylor<br>Rep. | Blair<br>Pop. | Bryan,<br>Dem.      | Mc-<br>Kinley<br>Rep. |
| Adair.....          | 1,243              | 93                    | 1,608          | 7             | 1,345               | 1,612                 |
| Allen.....          | 1,185              | 55                    | 1,459          | 41            | 1,460               | 1,565                 |
| Anderson.....       | 1,152              | 67                    | 1,127          | 8             | 1,286               | 1,151                 |
| Ballard.....        | 1,361              | 45                    | 1,555          | 38            | 1,675               | 495                   |
| Barren.....         | 2,743              | 75                    | 2,069          | 56            | 3,005               | 2,002                 |
| Bath.....           | 1,574              | 59                    | 1,580          | 13            | 1,741               | 1,579                 |
| Bell.....           | 1,645              | 24                    | 1,484          | 7             | 1,615               | 1,900                 |
| Boone.....          | 1,886              | 193                   | 687            | 7             | 2,317               | 781                   |
| Bourbon.....        | 2,174              | 57                    | 2,200          | 14            | 2,210               | 2,578                 |
| Boyle.....          | 1,470              | 17                    | 1,268          | 5             | 1,241               | 2,087                 |
| Boyd.....           | 1,453              | 45                    | 1,442          | 15            | 1,266               | 1,687                 |
| Breckinridge.....   | 1,718              | 13                    | 1,178          | 1             | 1,762               | 1,288                 |
| Breathitt.....      | 1,506              | 26                    | 750            | ..            | 1,204               | 776                   |
| Breckinridge.....   | 1,722              | 86                    | 2,129          | 66            | 2,203               | 2,276                 |
| Bullitt.....        | 1,124              | 45                    | 675            | 2             | 1,158               | 792                   |
| Butler.....         | 910                | 49                    | 1,178          | 9             | 1,139               | 1,907                 |
| Caldwell.....       | 1,041              | 158                   | 1,612          | 77            | 1,530               | 1,944                 |
| Calloway.....       | 2,125              | 41                    | 647            | 93            | 2,572               | 561                   |
| Campbell.....       | 4,701              | 173                   | 4,640          | 8             | 4,304               | 5,821                 |
| Carlisle.....       | 1,207              | 33                    | 469            | 69            | 1,624               | 380                   |
| Cartersville.....   | 1,471              | 179                   | 636            | 1             | 1,778               | 685                   |
| Carter.....         | 1,483              | 19                    | 2,095          | 4             | 1,665               | 2,440                 |
| Casey.....          | 1,060              | 14                    | 1,521          | 2             | 1,061               | 1,643                 |
| Christian.....      | 2,816              | 112                   | 3,471          | 80            | 3,145               | 4,525                 |
| Clark.....          | 2,169              | 87                    | 1,786          | 8             | 2,055               | 2,032                 |

KENTUCKY—Continued.

| COUNTIES.        | GOVERNOR, 1899. |                 |             | PRESIDENT, 1896. |             |                |
|------------------|-----------------|-----------------|-------------|------------------|-------------|----------------|
|                  | Goebel Dem.     | Brown Ind. Dem. | Taylor Rep. | Blair, Pop.      | Bryan, Dem. | Mc-Kinley Rep. |
| Clay.....        | 475             | 10              | 1,357       | 3                | 707         | 1,725          |
| Clinton.....     | 322             | 9               | 968         | 1                | 360         | 1,004          |
| Crittenden.....  | 1,337           | 77              | 1,701       | 25               | 1,576       | 1,574          |
| Cumberland.....  | 451             | 17              | 1,046       | 6                | 621         | 1,154          |
| Daviess.....     | 3,511           | 251             | 3,274       | 68               | 4,952       | 3,105          |
| Edmonson.....    | 736             | 28              | 978         | 12               | 863         | 952            |
| Elliott.....     | 1,165           | 3               | 620         | 2                | 1,294       | 577            |
| Estill.....      | 903             | 14              | 1,123       | 32               | 929         | 1,153          |
| Fayette.....     | 3,538           | 188             | 3,277       | 8                | 3,928       | 5,143          |
| Fleming.....     | 1,953           | 43              | 1,890       | 11               | 2,013       | 1,935          |
| Floyd.....       | 1,238           | 46              | 1,082       | 5                | 1,410       | 1,057          |
| Franklin.....    | 2,471           | 100             | 1,416       | 34               | 2,455       | 2,175          |
| Fulton.....      | 955             | 62              | 369         | 12               | 1,414       | 603            |
| Gallatin.....    | 881             | 34              | 402         | 2                | 933         | 396            |
| Garrard.....     | 1,198           | 14              | 1,297       | 6                | 1,111       | 1,595          |
| Grant.....       | 1,710           | 116             | 1,423       | 3                | 1,862       | 1,417          |
| Graves.....      | 3,757           | 237             | 1,832       | 144              | 4,899       | 1,623          |
| Grayson.....     | 1,243           | 145             | 1,363       | 200              | 2,004       | 1,674          |
| Green.....       | 1,081           | 50              | 1,242       | 12               | 1,142       | 1,389          |
| Greenup.....     | 1,323           | 23              | 1,556       | 2                | 1,309       | 1,802          |
| Hancock.....     | 855             | 28              | 1,061       | 30               | 1,080       | 1,026          |
| Hardin.....      | 1,950           | 387             | 1,726       | 53               | 2,848       | 1,885          |
| Harrison.....    | 223             | 23              | 1,363       | 3                | 216         | 1,159          |
| Hart.....        | 2,457           | 117             | 1,539       | 9                | 2,690       | 1,765          |
| Henderson.....   | 1,646           | 102             | 2,086       | 6                | 1,951       | 1,999          |
| Hickman.....     | 2,944           | 157             | 2,107       | 57               | 4,000       | 2,750          |
| Hopkins.....     | 2,051           | 105             | 1,563       | 12               | 2,115       | 1,711          |
| Hughes.....      | 1,433           | 40              | 637         | 24               | 1,928       | 727            |
| Jackson.....     | 2,301           | 262             | 2,597       | 110              | 3,440       | 2,490          |
| Jefferson.....   | 224             | 22              | 1,541       | 2                | 189         | 1,517          |
| Jessamine.....   | 15,032          | 2,672           | 18,445      | 40               | 16,707      | 29,107         |
| Johnson.....     | 1,391           | 32              | 1,135       | 6                | 1,423       | 1,343          |
| Kenton.....      | 837             | 21              | 1,115       | 4                | 915         | 1,794          |
| Knox.....        | 6,792           | 353             | 4,516       | 20               | 7,008       | 6,155          |
| Knott.....       | 873             |                 | 438         |                  | 795         | 404            |
| Larue.....       | 730             | 19              | 2,115       | 7                | 833         | 2,237          |
| Letcher.....     | 1,127           | 89              | 1,000       | 17               | 1,324       | 955            |
| Lincoln.....     | 919             | 19              | 1,819       | 34               | 969         | 1,921          |
| Livingston.....  | 1,720           | 19              | 1,869       | 8                | 1,820       | 1,466          |
| Logan.....       | 588             | 10              | 770         |                  | 547         | 881            |
| Lyon.....        | 84              | 5               | 1,052       | 3                | 81          | 913            |
| Madison.....     | 371             | 5               | 830         | 3                | 383         | 513            |
| Magnolia.....    | 1,352           | 17              | 2,197       | 25               | 1,423       | 2,246          |
| Manly.....       | 1,762           | 26              | 1,774       | 3                | 1,625       | 1,573          |
| Marion.....      | 1,233           | 17              | 803         | 50               | 1,346       | 872            |
| Meade.....       | 2,434           | 211             | 2,462       | 131              | 3,266       | 2,484          |
| Mercer.....      | 809             | 47              | 655         | 43               | 969         | 763            |
| Morgan.....      | 2,802           | 86              | 2,493       | 12               | 2,756       | 3,100          |
| Muhlenberg.....  | 855             | 11              | 1,161       | 3                | 833         | 1,148          |
| Nelson.....      | 1,785           | 63              | 1,399       | 4                | 1,875       | 1,575          |
| Nicholas.....    | 1,081           | 112             | 720         | 201              | 1,925       | 568            |
| Oldham.....      | 167             | 9               | 640         | 1                | 227         | 730            |
| Owsley.....      | 2,729           | 60              | 2,357       | 10               | 2,693       | 2,575          |
| Pendleton.....   | 2,154           | 200             | 1,778       | 55               | 2,955       | 2,284          |
| Perry.....       | 1,081           | 45              | 1,082       | 52               | 1,399       | 935            |
| Pike.....        | 1,054           | 61              | 791         | 19               | 1,519       | 781            |
| Pulaski.....     | 652             | 45              | 403         | 3                | 636         | 359            |
| Rockcastle.....  | 1,381           | 134             | 1,667       | 35               | 1,745       | 1,765          |
| Rowan.....       | 952             | 42              | 1,079       | 8                | 908         | 1,153          |
| Russell.....     | 750             | 8               | 1,562       | 13               | 794         | 1,613          |
| Scott.....       | 1,356           | 145             | 1,408       | 1                | 1,609       | 1,484          |
| Shelby.....      | 1,558           | 20              | 986         | 19               | 1,612       | 910            |
| Spencer.....     | 2,397           | 175             | 2,095       | 27               | 1,700       | 2,217          |
| Taylor.....      | 1,959           | 112             | 1,271       | 13               | 2,223       | 1,446          |
| Tremont.....     | 1,627           | 89              | 1,184       | 17               | 1,818       | 1,159          |
| Union.....       | 2,239           | 104             | 2,824       | 74               | 2,679       | 2,653          |
| Van Derburg..... | 765             | 123             | 589         | 7                | 946         | 691            |
| Vanderburgh..... | 2,975           | 165             | 1,200       | 16               | 3,373       | 1,086          |
| Warren.....      | 243             | 9               | 1,039       | 4                | 197         | 983            |
| Washington.....  | 1,632           | 78              | 1,554       | 19               | 1,939       | 1,585          |
| Wayne.....       | 433             | 9               | 903         | 3                | 340         | 824            |
| Webster.....     | 1,726           | 94              | 2,150       | 4                | 1,900       | 2,141          |
| Whitley.....     | 698             | 22              | 611         | 2                | 638         | 625            |
| Woodford.....    | 1,639           | 110             | 3,205       | 43               | 2,089       | 3,668          |
| Woolf.....       | 674             | 10              | 469         | 2                | 666         | 449            |
| Wright.....      | 812             | 12              | 1,528       | 4                | 846         | 1,480          |
| Yadkin.....      | 643             | 23              | 814         | 7                | 650         | 767            |
| York.....        | 578             | 12              | 935         |                  | 612         | 1,038          |
| Zachary.....     | 2,218           | 89              | 1,368       | 6                | 2,237       | 2,111          |

KENTUCKY—Continued.

| COUNTIES.       | GOVERNOR, 1899. |                 |             | PRESIDENT, 1896. |                |         |
|-----------------|-----------------|-----------------|-------------|------------------|----------------|---------|
|                 | Goebel Dem.     | Brown Ind. Dem. | Taylor Rep. | Bryan, Dem.      | Mc-Kinley Rep. |         |
| Shelby.....     | 2,332           | 137             | 1,825       | 44               | 2,524          | 2,029   |
| Simpson.....    | 1,270           | 85              | 795         | 36               | 1,531          | 888     |
| Spencer.....    | 882             | 64              | 551         | 10               | 969            | 596     |
| Taylor.....     | 1,029           | 44              | 1,101       | 40               | 1,106          | 1,050   |
| Todd.....       | 1,512           | 101             | 1,725       | 31               | 1,707          | 1,792   |
| Trigg.....      | 1,188           | 84              | 1,188       | 57               | 1,533          | 1,295   |
| Trimble.....    | 903             | 191             | 362         | 2                | 1,267          | 418     |
| Union.....      | 2,538           | 54              | 1,116       | 47               | 3,183          | 1,249   |
| Warren.....     | 2,435           | 709             | 2,655       | 36               | 3,716          | 2,866   |
| Washington..... | 1,615           | 59              | 1,432       | 18               | 1,596          | 1,573   |
| Wayne.....      | 1,193           | 21              | 1,338       | 2                | 1,291          | 1,413   |
| Webster.....    | 1,776           | 80              | 1,671       | 59               | 2,471          | 1,484   |
| Whitley.....    | 730             | 25              | 3,091       | 10               | 862            | 3,130   |
| Wolfe.....      | 846             | 44              | 655         | 5                | 981            | 583     |
| Woodford.....   | 1,446           | 54              | 1,899       | 9                | 1,546          | 1,665   |
| Total.....      | 191331          | 12,140          | 193714      | 3,038            | 217890         | 218171  |
| Plurality.....  |                 |                 | 2,383       |                  |                | 281     |
| Per cent.....   | 47.47           | 3.01            | 48.00       | 0.75             | 48.87          | 48.92   |
| Scattering..... |                 |                 | 2,856       |                  |                | 9,895   |
| Whole vote..... |                 |                 | 403,697     |                  |                | 445,775 |

The scattering vote for Governor in 1899 was: Wallace, Pro., 2,346; Schmutz, Soc. L., 510.

In the Presidential vote of 1896 W. B. Smith, the first Democratic elector, ran ahead of his ticket and was elected, thus giving one electoral vote in Kentucky to Bryan.

The scattering vote for President in 1896 was: Palmer, Nat. Dem., 5,114; Levering, Pro., 4,761.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

I. Counties of Ballard, Caldwell, Calloway, Carlisle, Crittenden, Fulton, Graves, Hickman, Livingston, Lyon, Marshall, McCracken, and Trigg. Charles K. Wheeler, Dem., 10,530; G. W. Reeves, Rep., 5,036. Wheeler's majority, 5,544.

II. Counties of Christian, Daviess, Hancock, Henderson, Hopkins, McLean, Union, and Webster. H. D. Allen, Dem., 8,939; W. J. Fowler, Rep., 4,463; G. W. Jolly, Ind., 1,641; S. James, Pop., 569. Allen's plurality, 4,476.

III. Counties of Allen, Barren, Butler, Edmonson, Logan, Metcalfe, Monroe, Muhlenberg, Simpson, Todd, and Warren. John S. Rhea, Dem., 14,771; M. P. Creel, Rep., 11,748; J. S. Dorsey, Pop., 394. Rhea's plurality, 3,023.

IV. Counties of Breckinridge, Bullitt, Grayson, Greene, Hardin, Hart, Larue, Marion, Meade, Nelson, Ohio, Taylor, and Washington. D. H. Smith, Dem., 16,696; C. Blanford, Rep., 12,836; R. H. Mullin, Pop., 689. Smith's plurality, 3,870.

V. County of Jefferson. Oscar Turner, Dem., 14,770; Walter Evans, Rep., 14,203; J. H. Hanbrick, Ind., 421; A. Schmutz, Soc. L., 394. Turner's plurality, 568.

VI. Counties of Boone, Campbell, Carroll, Gallatin, Grant, Kenton, Pendleton, and Trimble. A. S. Berry, Dem., 13,130; W. M. Donaldson, Rep., 8,962. Berry's majority, 4,168.

VII. Counties of Bourbon, Fayette, Franklin, Henry, Oldham, Owen, Scott, and Woodford. Evan E. Settle, Dem., 12,904; T. J. Harlin, Rep., 6,168. Settle's majority, 6,736.

VIII. Counties of Anderson, Boyle, Garrard, Jessamine, Lincoln, Madison, Mercer, Rockcastle, Shelby, and Spencer. G. G. Gilbert, Dem., 13,047; G. M. Davidson, Rep., 12,206; W. H. Ziegler, Ind., 435. Gilbert's plurality, 841.

KENTUCKY—Continued.

IX. Counties of Bracken, Bath, Boyd, Carter, Fleming, Greenup, Harrison, Lewis, Lawrence, Mason, Nicholas, Robertson, and Rowan. Mordecai Williams, Dem., 16,782; Samuel J. Pugh, Rep., 16,742. Pugh's majority, 10.

X. Counties of Breathitt, Clark, Elliott, Estill, Floyd, Johnson, Knott, Lee, Martin, Magoffin, Montgomery, Morgan, Menifee, Pike, Powell, and Wolfe. T. Y. Fitzpatrick, Dem., 13,456; W. J. Seitz, Rep., 11,402. Fitzpatrick's majority, 2,054.

XI. Counties of Adair, Bell, Casey, Clay, Clinton, Harlan, Knox, Letcher, Leslie, Laurel, Metcalfe, Owensley, Perry, Pulaski, Russell, Wayne, and Whitley. H. H. Tye, Dem., 3,319; Vincent Borel, Rep., 15,706; J. D. White, Ind. Rep., 11,244; A. J. Bowman, Pop., 102. Borel's plurality, 4,462.

PRESENT STATE GOVERNMENT

Governor, W. S. Taylor; Lieutenant-Governor, John Marshall; Secretary of State, Caleb Powers; Treasurer, Walter R. Day; Auditor, John J. Sweeney; Superintendent of Public Instruction, John Burke; Commissioner of Agriculture, J. W. Throckmorton; Attorney-General, Cliff J. Pratt; Adjutant-General, D. Collier—all Republicans.

JUDICIARY

Court of Appeals: Chief Justice, James H. Hazelrig, Dem.; Justices, J. D. White, Dem.; B. L. D. Guify, Rep.; George Du Relle, Rep.; A. Rollins Burnam, Rep.; T. H. Paynter, Dem.; J. P. Hobson, Dem.; Clerk, Samuel J. Shackelford, Dem.

STATE LEGISLATURE, 1900.

Senate. House. Joint Ballot.

Democrats ..... 26 59 85  
 Republicans ..... 12 41 53

Democratic majority 14 18 32

VOTE OF THE STATE SINCE 1872.

|              | Dem.    | Rep.    | Gr.    | Pro.   | P. & C.        |
|--------------|---------|---------|--------|--------|----------------|
| 1872. Pres.  | 100,212 | 88,816  | .....  | .....  | *11,396 D      |
| 1876. Pres.  | 159,690 | 97,166  | 1,944  | .....  | 62,624 D       |
| 1880. Pres.  | 147,999 | 104,560 | 11,496 | .....  | 43,449 D       |
| 1884. Pres.  | 152,961 | 118,763 | 1,693  | .....  | 3,139 24,198 D |
|              |         |         | Lab.   |        |                |
| 1887. Gov.   | 144,619 | 127,604 | 4,487  | .....  | 8,390 17,015 D |
| 1888. Pres.  | 183,600 | 155,134 | 622    | .....  | 5,225 28,666 D |
| 1891. Gov.   | 144,168 | 116,087 | 25,631 | .....  | 3,293 28,081 D |
|              |         |         | N. D.  |        |                |
| 1892. Pres.  | 175,461 | 135,441 | 23,500 | .....  | 6,442 40,020 D |
| 1895. Gov.   | 163,524 | 172,436 | 16,911 | .....  | 4,186 2,821 R  |
|              |         |         | I. D.  |        |                |
| 1896. Pres.  | 217,890 | 218,171 | .....  | 5,114  | 4,781 8,91 R   |
| 1897. Clerk. | 187,482 | 169,678 | 7,274  | 9,562  | 1,724 17,804 D |
| 1899. Gov.   | 191,331 | 193,714 | 3,038  | 12,140 | 2,346 2,388 R  |

\* Majority.

LOUISIANA.

| PARISHES.<br>(59.)  | PRESIDENT,<br>1896. |                       | PRESIDENT,<br>1892.   |                         | PRES.<br>1888.                 |
|---------------------|---------------------|-----------------------|-----------------------|-------------------------|--------------------------------|
|                     | Bryan<br>Dem.       | Mc-<br>Kinley<br>Rep. | Pal-<br>mer,<br>N. D. | Cleve-<br>land,<br>Dem. | Fusion<br>Rep.<br>and<br>Pop.* |
| Acadia .....        | 1,082               | 254                   | 11                    | 258                     | 114 607                        |
| Ascension.....      | 737                 | 722                   | 43                    | 2,099                   | 210 1,965                      |
| Assumption .....    | 344                 | 1,070                 | 40                    | 1,266                   | 723 2,239                      |
| Avoynes.....        | 1,657               | 214                   | 12                    | 1,696                   | 125 1,507                      |
| Baton R., E. ....   | 1,412               | 595                   | 55                    | 1,072                   | 640 1,270                      |
| Baton R., W. ....   | 237                 | 2,9                   | 1                     | 1,487                   | 227 573                        |
| Bienville.....      | 1,491               | 51                    | 11                    | 1,620                   | 443 998                        |
| Bossier.....        | 1,146               | 22                    | 10                    | 2,914                   | ..... 2,155                    |
| Caddo.....          | 1,812               | 295                   | 65                    | 2,552                   | 235 2,541                      |
| Calcasieu.....      | 2,658               | 891                   | 30                    | 1,089                   | 664 1,420                      |
| Caldwell.....       | 610                 | 26                    | 3                     | 670                     | 294 882                        |
| Cameron.....        | 254                 | 37                    | 6                     | 180                     | 5 203                          |
| Carroll, East ..... | 235                 | 185                   | 24                    | 1,287                   | 35 1,996                       |
| Carroll, West. .... | 537                 | 1                     | .....                 | 408                     | 1 563                          |
| Catahoula.....      | 811                 | 74                    | 3                     | 1,051                   | 439 733                        |
| Clabourne.....      | 1,757               | 55                    | 24                    | 1,444                   | 167 1,652                      |
| Columbia.....       | 1,085               | 20                    | 7                     | 3,592                   | ..... 2,477                    |
| De Soto.....        | 1,940               | 158                   | 26                    | 1,593                   | 298 1,020                      |

LOUISIANA—Continued.

| PARISHES.          | PRESIDENT,<br>1896. |                       |                       | PRESIDENT,<br>1892.     |                                | PRES.<br>1888. |
|--------------------|---------------------|-----------------------|-----------------------|-------------------------|--------------------------------|----------------|
|                    | Bryan<br>Dem.       | Mc-<br>Kinley<br>Rep. | Pal-<br>mer,<br>N. D. | Cleve-<br>land,<br>Dem. | Fusion<br>Rep.<br>and<br>Pop.* |                |
| Feliciana, E. .... | 1,548               | 15                    | 9                     | 1,355                   | 96 826                         |                |
| Feliciana, W. .... | 919                 | 44                    | 19                    | 1,693                   | ..... 1,795                    |                |
| Franklin.....      | 871                 | 28                    | 19                    | 796                     | 26 566                         |                |
| Grant.....         | 780                 | 123                   | 13                    | 206                     | 519 584                        |                |
| Iberia.....        | 939                 | 391                   | 11                    | 576                     | 13 1,594                       |                |
| Iberville.....     | 358                 | 600                   | 18                    | 1,609                   | 660 1,116                      |                |
| Jackson.....       | 705                 | 18                    | 2                     | 396                     | 306 519                        |                |
| Jefferson.....     | 1,383               | 352                   | 9                     | 1,275                   | 235 594                        |                |
| Lafayette.....     | 825                 | 167                   | 18                    | 664                     | ..... 1,372                    |                |
| Lafourche.....     | 1,129               | 386                   | 12                    | 2,922                   | 200 2,335                      |                |
| Lincoln.....       | 1,241               | 40                    | 25                    | 695                     | 1,075 842                      |                |
| Livingston.....    | 693                 | 72                    | 3                     | 333                     | 225 377                        |                |
| Madison.....       | 1,248               | 96                    | 12                    | 3,433                   | 17 2,523                       |                |
| Morehouse.....     | 853                 | 46                    | 7                     | 1,176                   | 82 1,286                       |                |
| Natchitoches.....  | 1,056               | 23                    | 9                     | 1,140                   | 516 1,599                      |                |
| Orleans.....       | 17,487              | 8,295                 | 789                   | 19,234                  | 6,194 15,473                   |                |
| Ouachita.....      | 2,12                | 93                    | 11                    | 2,701                   | 241 2,762                      |                |
| Plaquemines.....   | 1,502               | 540                   | 11                    | 927                     | 1,178 703                      |                |
| P'te Coupee.....   | 773                 | 410                   | 24                    | 893                     | 323 878                        |                |
| Rapides.....       | 2,600               | 142                   | 37                    | 3,446                   | 467 3,397                      |                |
| Red River.....     | 832                 | 26                    | 5                     | 927                     | 320 1,479                      |                |
| Richland.....      | 706                 | 61                    | 11                    | 882                     | 23 1,090                       |                |
| Sabine.....        | 1,469               | 36                    | 6                     | 809                     | 764 642                        |                |
| St. Bernard.....   | 569                 | 66                    | 11                    | 449                     | 193 561                        |                |
| St. Charles.....   | 125                 | 282                   | 8                     | 345                     | 704 105                        |                |
| St. Helena.....    | 522                 | 59                    | 43                    | 306                     | 77 393                         |                |
| St. James.....     | 10                  | 1,417                 | 21                    | 575                     | 668 543                        |                |
| St. John Bapt..... | 180                 | 589                   | 24                    | 503                     | 1,118 399                      |                |
| St. Landry.....    | 1,86                | 242                   | 7                     | 1,136                   | 920 1,631                      |                |
| St. Martin.....    | 679                 | 76                    | 29                    | 491                     | 13 1,009                       |                |
| St. Mary.....      | 591                 | 580                   | 93                    | 1,311                   | 284 1,81                       |                |
| St. Tammany.....   | 636                 | 317                   | 32                    | 501                     | 239 374                        |                |
| Tangipahoa.....    | 1,429               | 395                   | 5                     | 786                     | 132 902                        |                |
| Tensas.....        | 1,138               | 226                   | 16                    | 2,351                   | 213 2,787                      |                |
| Terrebonne.....    | 59.                 | 343                   | 25                    | 1,210                   | 5.9 1,484                      |                |
| Union.....         | 1,586               | 86                    | 9                     | 1,216                   | 637 2,033                      |                |
| Vermilion.....     | 202                 | 196                   | 5                     | 816                     | 222 977                        |                |
| Vernon.....        | 69.                 | 35                    | 12                    | 361                     | 342 588                        |                |
| Washington.....    | 1,168               | 48                    | 5                     | 399                     | 143 417                        |                |
| Webster.....       | 774                 | 97                    | 26                    | 1,411                   | 286 1,310                      |                |
| Winn.....          | 682                 | 42                    | 6                     | 241                     | 787 553                        |                |
| Total.....         | 77,175              | 22,037                | 1,834                 | 87,922                  | 26,563 85,032                  |                |
| Majority.....      | .....               | .....                 | .....                 | 61,359                  | ..... 54,548                   |                |
| Plurality.....     | 55,136              | .....                 | .....                 | .....                   | .....                          |                |
| Per cent.....      | 76.37               | 21.80                 | 1.81                  | 76.79                   | 23.21                          | 73.40          |
| Scattering.....    | .....               | .....                 | .....                 | .....                   | .....                          |                |
| Whole vote.....    | 101,046             | .....                 | .....                 | 114,485                 | 115,744                        |                |

McKinley's separate votes were: Regular, 18,320; Sugar Planters, 3,717.

\* The Fusion ticket contained 5 Harrison and 3 Weaver electors. The Populists ran 1,231 ahead of the Republicans, the highest Harrison elector receiving 25,332 votes. Harrison's vote was 30,484.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.  
 I. Parishes of Plaquemines and St. Bernard, and part of the city of New Orleans. Adolph Meyer, Dem., 5,422; C. W. Keating, Rep., 896. Meyer's majority, 4,523.  
 II. Parishes of Jefferson, St. Charles, St. John Baptist, and St. James, and part of the city of New Orleans. R. C. Davey, Dem., 6,302; F. N. Wicker, Rep., 1,054. Davey's majority, 5,248.  
 III. Parishes of Ascension, Assumption, Calcasieu, Cameron, Iberia, Iberville, Lafourche, Lafourche, St. Martin, St. Mary, Terrebonne, and Vermilion. Robert F. Broussard, Dem., 4,929; Charles Fontenot, Rep., 974. Broussard's majority, 3,955.  
 IV. Parishes of Bienville, Bossier, Caddo, De Soto, Grant, Natchitoches, Rapides, Red River, Sabine, Vernon, Webster, and Winn. Plamor Brazeele, Dem., 4,424; Hardy L. Brian, Rep., 1,476. Brazeele's majority, 2,948.

LOUISIANA—Continued.

- V. Parishes of Caldwell, East Carroll, West Carroll, Catahoula, Claiborne, Concordia, Franklin, Jackson, Lincoln, Madison, Morehouse, Ouachita, Richland, Tensas, and Union. S. Baird, Dem., 3,558; J. G. Taliaferro, Rep., 1,096, H. B. Taliaferro, Ind., 151. Baird's plurality, 2,462.
- VI. Parishes of Acadia, A. Voyelles, Baton Rouge, East; Baton Rouge, West, Feliciana, East; Feliciana, West; Livingston, Pointe Coupée, St. Helena, St. Landry, St. Tammany, Tangipahoa, and Washington. S. M. Robertson, Dem., 2,494. No opposition.

PRESENT STATE GOVERNMENT.

Governor, Murphy J. Foster, Lieutenant-Governor, R. H. Snyder; Secretary of State, John T. Michel; Treasurer, A. V. Fournette; Auditor, W. W. Heard; Attorney-General, M. J. Cunningham; Superintendent of Education, J. V. Calhoun; Adjutant-General, Allen Jumel; Commissioner of Agriculture, Leon Jastremski, Commissioner of Insurance, John T. Michel—all Democrats.

JUDICIARY.

Supreme Court: Chief Justice, F. T. Nicholls; Associate Justices, Newton C. Blanchard, Lynn B. Watkins, Jos. A. Breaux, Frank A. Monroe; Clerk, T. M. C. Hyman—all Democrats.

STATE LEGISLATURE, 1899.

|                      | Senate. | House. | Joint Ballot. |
|----------------------|---------|--------|---------------|
| Democrats.....       | 23      | 60     | 83            |
| Republicans.....     | 7       | 24     | 31            |
| Populists.....       | 1       | 14     | 15            |
| Democratic majority. | 20      | 22     | 42            |

VOTE OF THE STATE SINCE 1872.

|                      | Dem.     | Rep.    | Maj.     |
|----------------------|----------|---------|----------|
| 1872. President..... | 66,457   | 59,975  | 6,492 D  |
| 1872. President..... | *87,029  | 71,524  | 14,605 R |
| 1876. President..... | 83,723   | 77,174  | 6,549 D  |
| 1876. President..... | *70,508  | 75,315  | 4,807 R  |
| 1880. President..... | 65,067   | 38,828  | 26,439 D |
| 1884. President..... | 62,529   | 46,347  | 16,182 D |
| 1888. President..... | 85,052   | 30,484  | 54,568 D |
| 1892. Governor.....  | †126,009 | ‡40,185 | 85,824 D |
| 1892. President..... | 87,922   | 26,563  | 61,359 D |
| 1896. Governor.....  | 116,216  | 90,138  | 26,078 D |
| 1896. President..... | 77,175   | 22,057  | 55,138 D |

\* Count of the Rep. Returning Board. † Combined Dem. vote. ‡ Combined Rep. vote.

MAINE.

| COUNTIES.<br>(16.) | GOVERNOR,<br>1898. |                  | PRESIDENT,<br>1896. |                        |                       |                        |  |
|--------------------|--------------------|------------------|---------------------|------------------------|-----------------------|------------------------|--|
|                    | Lord,<br>Dem.      | Powers,<br>R. P. | Bryan,<br>Dem.      | Mc-<br>Kinley,<br>Rep. | Pal-<br>mer,<br>N. D. | Lev-<br>ering,<br>Pro. |  |
| Androscoggin.....  | 2,468              | 2,890            | 2,513               | 5,548                  | 157                   | 111                    |  |
| Aroostook.....     | 1,342              | 3,254            | 1,384               | 4,879                  | 42                    | 239                    |  |
| Cumberland.....    | 4,767              | 7,922            | 5,175               | 11,071                 | 450                   | 224                    |  |
| Franklin.....      | 714                | 1,815            | 886                 | 2,578                  | 49                    | 38                     |  |
| Hancock.....       | 1,436              | 2,696            | 1,798               | 4,306                  | 119                   | 51                     |  |
| Kennebec.....      | 1,851              | 4,647            | 2,807               | 7,889                  | 106                   | 191                    |  |
| Knox.....          | 2,439              | 2,916            | 1,903               | 3,296                  | 103                   | 35                     |  |
| Lincoln.....       | 1,036              | 2,041            | 1,211               | 2,596                  | 62                    | 37                     |  |
| Oxford.....        | 1,012              | 2,805            | 1,677               | 4,779                  | 159                   | 67                     |  |
| Penobscot.....     | 2,595              | 5,067            | 4,051               | 8,414                  | 91                    | 133                    |  |
| Piscataquis.....   | 505                | 1,197            | 1,004               | 2,342                  | 36                    | 46                     |  |
| Sagadahoc.....     | 437                | 1,517            | 957                 | 2,725                  | 79                    | 45                     |  |
| Somerset.....      | 1,641              | 2,901            | 2,018               | 4,696                  | 82                    | 97                     |  |
| Waldo.....         | 1,606              | 2,551            | 1,939               | 3,252                  | 50                    | 32                     |  |
| Washington.....    | 1,339              | 2,572            | 1,954               | 4,627                  | 111                   | 50                     |  |
| York.....          | 4,284              | 6,476            | 3,456               | 7,831                  | 174                   | 174                    |  |
| Total.....         | 29,497             | 54,266           | 34,688              | 80,465                 | 1,870                 | 1,570                  |  |
| Plurality.....     |                    | 24,769           |                     | 45,777                 |                       |                        |  |
| Per cent.....      | 33.73              | 62.03            | 29.24               | 67.85                  | 1.58                  | 1.38                   |  |
| Scattering.....    |                    | 3,212            |                     |                        |                       |                        |  |
| Whole vote.....    |                    | 87,075           |                     | 118,593                |                       |                        |  |

Of the scattering vote for Governor in 1898, Ladd, Pro., had 2,335; Gerry, Pro., 692; Leonard, Nat. Dem., 215.  
Bryan received 32,201 votes on the Democratic (Bryan and Sewall) electoral ticket and 2,489 votes on the Populist (Bryan and Watson) electoral ticket, in 1896.

MAINE—Continued.

The vote for Governor in 1896 was: M. P. Frank, Dem., 34,387; L. P. Powers, Rep., 82,764; A. S. Ladd, Pro., 2,661; L. C. Bateman, Pop., 3,332. Powers' plurality, 48,377.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

- Districts.
- I. Counties of Cumberland and York. L. F. McKinney, Dem., 9,072; Thomas B. Reed, Rep., 14,698; D. P. Parker, Pro., 673; Moulton, Pro., 53. Reed's plurality 5,625.
- II. Counties of Androscoggin, Franklin, Knox, Lincoln, Oxford, and Sagadahoc. John Scott, Dem., 8,126; Nelson Dingley Jr., Rep., 15,149; A. J. Wheeler, Pro., 394; Blanchard, N. D., 89. Dingley's plurality 7,023.
- III. Counties of Hancock, Kennebec, Somerset, and Waldo. F. W. Plaisted, Dem., 6,634; Edwin C. Burleigh, Rep., 12,854; O. S. Pillsbury, Pro., 503. Burleigh's plurality 6,220.
- IV. Counties of Aroostook, Penobscot, Piscataquis, and Washington. A. J. Chase, Dem., 5,534; C. A. Bontelle, Rep., 12,480; G. W. Park, Pro., 451; Littlefield, Pro., 244. Bontelle's plurality 6,946.

PRESENT STATE GOVERNMENT.

Governor, Llewellyn Powers; Secretary of State, Byron Boyd; Treasurer, F. M. Simpson; Adjutant-General, John T. Richards; Attorney-General, William T. Haines; Superintendent of Education, W. W. S etson; Insurance Commissioner, S. W. Carr—all Republicans.

JUDICIARY.

Supreme Judicial Court: Chief Justice, John A. Peters; Associate Justices, Andrew P. Wiswell, Lucilus A. Emery, William H. Fogler, W. P. Whitehouse, Thomas H. Haskell, Sewall C. Strout, and Albert R. Savage—all Republicans except Strout; Clerk of the Court at Augusta, W. S. Choate, Rep.

STATE LEGISLATURE, 1899.

|                     | Senate. | House. | Joint Ballot. |
|---------------------|---------|--------|---------------|
| Republicans.....    | 31      | 126    | 157           |
| Democrats.....      | ..      | 25     | 25            |
| Republican majority | 31      | 101    | 132           |

VOTE OF THE STATE SINCE 1872.

|                      | Dem.    | Rep.   | Gr.   | Pro.  | Plu.      |
|----------------------|---------|--------|-------|-------|-----------|
| 1872. President..... | 22,087  | 61,422 | ....  | ....  | *22,395 R |
| 1876. President..... | 49,823  | 66,300 | 663   | ....  | 16,477 R  |
| 1880. Governor.....  | †73,786 | 73,597 | ....  | 418   | 189 F     |
| 1880. President..... | 65,171  | 74,039 | 4,408 | 285   | 8,863 R   |
| 1882. Governor.....  | 63,852  | 72,724 | 1,302 | 395   | 8,873 R   |
| 1884. Governor.....  | 68,000  | 77,779 | 3,147 | 1,157 | 19,709 R  |
| 1884. President..... | 51,656  | 71,716 | 3,994 | 2,160 | 20,060 R  |
| 1886. Governor.....  | 56,242  | 68,983 | ....  | 3,873 | 12,651 R  |
| 1888. President..... | 50,481  | 73,734 | 1,344 | 2,691 | 23,253 R  |
| 1890. Governor.....  | 45,331  | 64,214 | 1,293 | 2,981 | 18,883 R  |
| 1892. President..... | 43,044  | 62,923 | 2,381 | 3,062 | 14,879 R  |
| 1894. Governor.....  | 30,621  | 69,599 | 5,321 | 2,730 | 38,978 R  |
| 1896. President..... | 34,688  | 80,465 | 1,870 | 1,570 | 45,777 R  |
| 1898. Governor.....  | 29,497  | 54,266 | 315   | 2,335 | 24,769 R  |

\* Majority.

MARYLAND.

| COUNTIES.<br>(24.) | GOVERNOR,<br>1899. |                      | PRESIDENT,<br>1896. |                        |                       |                        |  |
|--------------------|--------------------|----------------------|---------------------|------------------------|-----------------------|------------------------|--|
|                    | Smith,<br>Dem.     | Low-<br>des,<br>Rep. | Bryan,<br>Dem.      | Mc-<br>Kinley,<br>Rep. | Pal-<br>mer,<br>N. D. | Lev-<br>ering,<br>Pro. |  |
| Allegany.....      | 4,190              | 4,691                | 3,911               | 5,466                  | 57                    | 236                    |  |
| Anne Arund'.....   | 3,564              | 3,604                | 3,145               | 4,090                  | 48                    | 115                    |  |
| Baltimore Co.....  | 55,419             | 47,318               | 40,852              | 61,950                 | 1,358                 | 1,903                  |  |
| Baltimore Co.....  | 9,547              | 7,677                | 7,121               | 9,266                  | 280                   | 512                    |  |
| Calvert.....       | 9,655              | 1,822                | 882                 | 1,205                  | 6                     | 49                     |  |
| Caroline.....      | 1,808              | 1,737                | 1,650               | 1,686                  | 25                    | 110                    |  |
| Carroll.....       | 4,065              | 3,877                | 3,811               | 4,043                  | 33                    | 269                    |  |
| Cecil.....         | 3,127              | 2,609                | 2,969               | 3,130                  | 89                    | 99                     |  |
| Charles.....       | 1,341              | 2,129                | 1,278               | 2,118                  | 14                    | 22                     |  |
| Dorchester.....    | 3,244              | 3,150                | 2,633               | 3,043                  | 16                    | 127                    |  |

MARYLAND—Continued.

| COUNTIES.        | GOVERNOR,<br>1899. |                  | PRESIDENT,<br>1896. |                   |                  |                   |  |
|------------------|--------------------|------------------|---------------------|-------------------|------------------|-------------------|--|
|                  | Smith,<br>Dem.     | Lowndes,<br>Rep. | Bryan,<br>Dem.      | McKinley,<br>Rep. | Palmer,<br>N. D. | Levering,<br>Pro. |  |
| Frederick ....   | 5,887              | 5,741            | 5,214               | 6,353             | 88               | 279               |  |
| Garrett .....    | 1,265              | 1,940            | 1,275               | 2,060             | 14               | 41                |  |
| Harford .....    | 2,410              | 2,992            | 2,362               | 3,473             | 73               | 292               |  |
| Howard .....     | 2,050              | 1,582            | 1,787               | 1,978             | 36               | 59                |  |
| Kent .....       | 2,284              | 2,362            | 1,961               | 2,398             | 8                | 78                |  |
| Montgomery ..    | 3,397              | 3,000            | 3,460               | 3,218             | 57               | 108               |  |
| Prince George's  | 2,936              | 3,100            | 2,505               | 3,250             | 27               | 25                |  |
| Queen Anne's ..  | 2,549              | 1,677            | 2,519               | 1,917             | 32               | 143               |  |
| Somerset .....   | 2,686              | 2,782            | 2,085               | 2,646             | 15               | 451               |  |
| St. Mary's ..... | 1,779              | 1,766            | 1,471               | 2,044             | 15               | 19                |  |
| Talbot .....     | 2,401              | 2,329            | 2,189               | 2,543             | 50               | 151               |  |
| Washington ..... | 5,045              | 4,398            | 4,386               | 5,428             | 114              | 197               |  |
| Wicomico .....   | 2,812              | 2,325            | 2,254               | 2,023             | 30               | 314               |  |
| Worcester .....  | 2,693              | 1,586            | 1,962               | 1,756             | 20               | 379               |  |
| Total .....      | 128,409            | 116,286          | 104,735             | 136,959           | 2,507            | 5,918             |  |
| Plurality .....  | 12,114             |                  |                     | 32,224            | 1,000            | 2,860             |  |
| Per cent .....   | 51.12              | 46.30            | 41.75               | 54.60             | 1.00             | 2.86              |  |
| Scattering ..... | 6,494              |                  |                     | 723               |                  |                   |  |
| Whole vote ..... | 251,183            |                  |                     | 250,842           |                  |                   |  |

The scattering vote for Governor in 1899 was: Pro., 5,275; Soc. Dem., 420; Union Ref., 367; Soc. L., 432.

Of the scattering vote for President in 1896, Matchett, Soc. L., received 587, and Bentley, Nat. Pro., 136.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

- I. Counties of Caroline, Dorchester, Kent, Queen Anne's, Somerset, Talbot, Wicomico, and Worcester. J. W. Smith, Dem., 16,748; W. F. Jackson, Rep., 15,823; J. Swann, Pro., 1,823; W. Willis, Sil. D., 574.
- II Baltimore City, counties of Baltimore, Carroll, Cecil, and Harford. R. B. Tippet, Dem., 20,436; William B. Baker, Rep., 20,806; H. J. Hollingsworth, Pro., 1,772.
- III Baltimore City. J. B. Schwatka, Dem. 17,386; F. A. Wachter, Rep., 17,508; J. F. Hicks, Pro., 718.
- IV Baltimore City. J. W. Denny, Dem., 17,260; Wm. W. McIntire, Rep., 16,664; T. S. Creney, Pro., 1,134; T. Meyer, Labor, 269.
- V Baltimore City. J. S. Cummings, Dem., 14,672; S. M. Mudd, Rep., 17,248; J. E. Wetherald, Pro., 913; C. T. Parker, Ind. Rep., 277.
- VI Counties of Allegany, Frederick, Garrett, Montgomery, and Washington. T. A. Poppenberger, Dem., 14,872; G. A. Pearce, Rep., 18,878; J. T. Baker, Pro., 1,167.

PRESENT STATE GOVERNMENT.

Governor, John Walter Smith, Dem.; Secretary of State, Geo. E. Loweree, Dem.; Comptroller, J. W. Hering, Dem.; Treasurer, T. J. Shroyck, Rep.; Adjutant-General, L. A. Wilmer, Rep.; Attorney-General, Isidor Rayner, Dem.; Superintendent of Education, E. B. Prettyman, Rep.; Commissioner of Insurance, F. Albert Kurtz, Rep.

JUDICIARY.

Court of Appeals: Chief Judge, James McSherry; Associate Judges, David Fowler, A. Hunter Boyd, Henry Page, I. Thomas Jones, John P. Briscoe, S. D. Schmucker, and James A. Pearce; Clerk, Allan Rutherford—all Democrats except Schmucker and Rutherford, Republican.

STATE LEGISLATURE, 1900.

Senate. House. Joint Ballot.

|                     |    |    |    |
|---------------------|----|----|----|
| Democrats .....     | 15 | 65 | 80 |
| Republicans .....   | 11 | 26 | 37 |
| Democratic majority | 4  | 39 | 43 |

MARYLAND—Continued.

VOTE OF THE STATE SINCE 1872.

|                  | Dem.    | Rep.    | Gr.   | Pro.  | Major.          |
|------------------|---------|---------|-------|-------|-----------------|
| 1872. President. | 67,506  | 66,442  | ..... | ..... | 1,064 D         |
| 1876. President. | 91,780  | 71,981  | ..... | ..... | 19,799 D        |
| 1880. President. | 93,706  | 78,515  | 818   | ..... | *15,191 D       |
| 1884. President. | 96,866  | 82,748  | 578   | 2,827 | *11,118 D       |
| 1888. President. | 103,168 | 99,986  | ..... | ..... | 4,767 *6,182 D  |
| 1889. Comptrol.  | 103,900 | 96,527  | ..... | ..... | 3,741 *7,393 D  |
| 1891. Governor.  | 108,539 | 78,388  | ..... | ..... | 5,120 *30,151 D |
| Pop.             |         |         |       |       |                 |
| 1892. President. | 113,866 | 92,736  | 796   | 5,877 | 21,130 D        |
| 1893. Comptrol.  | 98,806  | 79,354  | ..... | ..... | 7,586 18,852 D  |
| 1895. Governor.  | 106,169 | 124,936 | 989   | 7,719 | *18,767 R       |
| N. D.            |         |         |       |       |                 |
| 1896. President. | 104,735 | 136,959 | 2,507 | 5,918 | *32,224 R       |
| 1897. Comptrol.  | 114,664 | 121,173 | ..... | ..... | 6,096 7,109 R   |
| 1899. Governor.  | 126,469 | 116,286 | ..... | ..... | 5,275 12,114 D  |

\* Plurality.

MASSACHUSETTS.

| COUNTIES.<br>(14.) | GOVERNOR,<br>1899. |                |                    | PRESIDENT,<br>1896.      |                   |                  |
|--------------------|--------------------|----------------|--------------------|--------------------------|-------------------|------------------|
|                    | Paine,<br>Dem.     | Crane,<br>Rep. | Pearce,<br>Soc. L. | Bryan,<br>Dem.<br>& Pop. | McKinley,<br>Rep. | Palmer,<br>N. D. |
| Barnstable....     | 407                | 2,072          | 11                 | 517                      | 4,456             | 116              |
| Berkshire.....     | 3,175              | 9,247          | 329                | 3,913                    | 9,710             | 367              |
| Bristol.....       | 5,929              | 12,292         | 727                | 6,022                    | 21,629            | 486              |
| Dukes.....         | 112                | 636            | 19                 | 91                       | 691               | 33               |
| Essex.....         | 11,944             | 23,938         | 2,132              | 15,025                   | 37,041            | 1,028            |
| Franklin.....      | 1,661              | 4,025          | 85                 | 1,110                    | 5,671             | 297              |
| Hampden.....       | 6,757              | 10,259         | 1,119              | 6,787                    | 16,064            | 518              |
| Hampshire.....     | 1,807              | 4,232          | 96                 | 1,608                    | 6,454             | 225              |
| Middlesex.....     | 19,258             | 35,605         | 1,769              | 19,591                   | 57,281            | 2,713            |
| Nantucket.....     | 99                 | 243            | 8                  | 62                       | 485               | 15               |
| Norfolk.....       | 5,260              | 10,127         | 459                | 4,990                    | 16,897            | 918              |
| Plymouth.....      | 2,468              | 6,676          | 613                | 5,396                    | 13,405            | 520              |
| Suffolk.....       | 37,908             | 29,514         | 1,884              | 31,744                   | 53,623            | 3,190            |
| Worcester.....     | 11,023             | 19,635         | 1,527              | 10,855                   | 35,579            | 1,337            |
| Total .....        | 103,802            | 168,902        | 10,778             | 105,711                  | 278,976           | 11,749           |
| Plurality .....    | .....              | 65,100         | .....              | .....                    | 173,265           | .....            |
| Per cent .....     | 34.70              | 56.46          | 3.60               | 26.32                    | 69.47             | 2.92             |
| Scattering .....   | 15                 | 664            | .....              | .....                    | 5,132             | .....            |
| Whole vote .....   | 299,166            |                |                    | 401,568                  |                   |                  |

Of the scattering vote for Governor in 1899, Porter, Soc. Dem., had 8,262, and Coats Pro., 7,402. In 1896 Bryan's Democratic vote was 90,530; Populist, 15,181. Of the scattering vote in 1896, Levering, Pro., had 3,998 and Matchett, Soc. L., 2,114.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

- I. Counties of Berkshire, Franklin (part), Hampden (part), and Hampshire (part). C. P. Davis, Dem., 8,760; G. F. Lawrence, Rep., 14,314; E. A. Buckland, Soc. L., 1,602. Lawrence's plurality, 5,555.
- II. Counties of Franklin (part), Hampden (part), Hampshire (part), and Worcester (part). R. E. Bisbee, Dem., 8,054; F. H. Gillett, Rep., 13,327; G. H. Wrenn, Soc. L., 707. Gillett's plurality, 5,273.
- III. Counties of Middlesex (part) and Worcester (part). J. R. Thayer, Dem., 11,167; J. H. Walker, Rep., 11,003. Thayer's majority, 159.
- IV. Counties of Middlesex (part), Norfolk (part), and Worcester (part). I. Porter Morse, Dem., 8,265; George W. Weymouth, Rep., 14,411. Weymouth's majority 5,926.
- V. Counties of Essex (part) and Middlesex (part). J. J. Flynn, Dem., 13,716; William S. Knox, Rep., 14,757. Knox's majority, 1,041.
- VI. County of Essex (part). Eben Moody Boynton, Dem., 6,035; William H. Moody, Rep., 13,494; A. L. Gillen, Dem, Soc., 1,390. Moody's plurality, 7,453.



MASSACHUSETTS—Continued.

- VII. Counties of Essex (part), Middlesex (part), and Suffolk (part). W. L. Ramsdell, Dem., 12,338; E. W. Roberts, Rep., 16,569; J. F. Maloney, Soc. L., 781. Roberts' plurality, 4,231.
- VIII. Counties of Middlesex (part) and Suffolk (part). G. A. Perkins, Dem., 5,846; Samuel W. McCall, Rep., 14,935; W. E. Stacey, Soc. L., 593. McCall's plurality, 9,089.
- IX. County of Suffolk (part). John F. Fitzgerald, Dem., 10,303; F. H. Krebs, Jr., Rep., 5,459; J. A. Gallivan, Ind. Dem., 5,000; F. K. Bradman, Rep.-Cit., 412. Fitzgerald's plurality, 4,853.
- X. Counties of Suffolk (part) and Norfolk (part). Henry F. Naphen, Dem., 17,149; S. J. Barrows, Rep., 13,909. Naphen's majority, 3,240.
- XI. Counties of Bristol, Middlesex, Norfolk, Suffolk, and Worcester (parts of each). William H. Baker, Dem., 10,709; Charles F. Sprague, Rep., 17,001. Sprague's majority, 6,292.
- XII. Counties of Bristol, Norfolk, and Plymouth (parts of each). P. E. Brady, Dem., 6,230; William C. Lovering, Rep., 13,653; J. O'Fihelly, Soc. L., 847. Lovering's plurality, 7,423.
- XIII. Counties of Barnstable, Bristol, Dukes, Nantucket, and Plymouth (parts of each). Charles T. Luce, Dem., 4,863; William S. Greene, Rep., 13,463; T. Stevenson, Soc. L., 1,277. Greene's plurality, 8,595.

PRESENT STATE GOVERNMENT.

Governor, W. Murray Crane; Lieutenant-Governor, John L. Bates; Secretary of State, W. M. Olin; Treasurer, E. S. Bradford; Auditor, John W. Kimball; Adjutant-General, Samuel Dalton; Attorney-General, H. M. Knowlton; Secretary of the Board of Education, Frank A. Hill; Secretary of the Board of Agriculture, James W. Stockwell; Insurance Commissioner, F. L. Cutting—all Republicans.

JUDICIARY.

Supreme Judicial Court for the Commonwealth: Chief Justice, Oliver W. Holmes; Justices, Marcus P. Knowlton, James M. Morton, John Lathrop, James M. Barker, John W. Hammond, and William C. Loring; Clerk of the Court, Henry A. Clapp.

STATE LEGISLATURE, 1900.

*Senate, House, Joint Ballot.*

|                    |    |     |     |
|--------------------|----|-----|-----|
| Republicans.....   | 81 | 166 | 197 |
| Democrats.....     | 9  | 68  | 77  |
| Independents.....  |    | 4   | 4   |
| Socialist Dem..... |    | 2   | 2   |

VOTE OF THE STATE SINCE 1872.

|                  | Dem.                               | Rep.    | Gr.    | Pro.   | Th. R.    |
|------------------|------------------------------------|---------|--------|--------|-----------|
| 1872. President. | 59,195                             | 123,495 |        |        | *74,200 R |
| 1876. President. | 106,777                            | 150,063 |        |        | *41,286 F |
| 1880. President. | 111,960                            | 185,205 | 4,548  | 682    | 53,245 R  |
| 1884. President. | 122,362                            | 146,724 | 24,282 | 9,923  | 24,872 R  |
| 1886. Governor.  | 112,583                            | 122,246 |        | 8,251  | 9,463 R   |
|                  | <i>Lab.</i>                        |         |        |        |           |
| 1887. Governor.  | 112,394                            | 136,000 | 595    | 10,945 | 17,606 P  |
| 1888. President. | 151,875                            | 132,892 |        | 8,701  | 32,037 R  |
| 1889. Governor.  | 120,582                            | 127,337 |        | 15,106 | 6,775 R   |
| 1890. Governor.  | 140,507                            | 141,554 |        | 13,774 | 9,053 D   |
| 1891. Governor.  | 157,482                            | 161,515 | 1,772  | 8,968  | 6,487 D   |
|                  | <i>Pop.</i>                        |         |        |        |           |
| 1892. Governor.  | 186,377                            | 183,443 | 1,976  | 7,067  | 2,534 D   |
| 1892. President. | 176,815                            | 192,814 | 3,210  | 7,539  | 26,004 P  |
| 1893. Governor.  | 156,516                            | 192,513 | 4,885  | 8,556  | 35,697 R  |
| 1894. Governor.  | 123,930                            | 189,367 | 9,087  | 9,965  | 65,377 R  |
| 1895. Governor.  | 121,599                            | 186,280 | 7,706  | 9,170  | 64,631 R  |
|                  | <i>Dem.-Pop. Rep., N. D., Pro.</i> |         |        |        |           |
| 1896. Governor.  | 103,462                            | 288,204 | 14,164 | 4,472  | 154,542 R |
| 1896. President. | 105,711                            | 278,576 | 17,749 | 2,998  | 173,265 R |
| 1897. Governor.  | 79,552                             | 135,095 | 13,879 | 4,946  | 85,543 R  |
| 1898. Governor.  | 107,960                            | 181,146 |        | 4,734  | 86,186 R  |
|                  | <i>Soc. L.</i>                     |         |        |        |           |
| 1899. Governor.  | 103,802                            | 168,962 | 10,778 | 7,402  | 65,100 R  |

\* Majority.

MICHIGAN.

| COUNTIES.<br>(83.)  | GOVERNOR,<br>1898.    |                       | PRESIDENT,<br>1896.      |                       |                       |                         |  |
|---------------------|-----------------------|-----------------------|--------------------------|-----------------------|-----------------------|-------------------------|--|
|                     | Whit-<br>ing,<br>Dem. | Pin-<br>gree,<br>Rep. | Bryan,<br>Dem.<br>& Pop. | Mc-<br>Kinley<br>Rep. | Pal-<br>mer,<br>N. D. | Lew-<br>er,ing,<br>Pro. |  |
| Alcona.....         | 129                   | 671                   | 275                      | 742                   | 22                    | 6                       |  |
| Alger.....          | 552                   | 761                   |                          | 801                   |                       | 9                       |  |
| Allegan.....        | 2,890                 | 3,493                 | 3,937                    | 5,816                 | 149                   | 84                      |  |
| Alpena.....         | 1,188                 | 1,766                 | 1,665                    | 1,775                 | 26                    | 13                      |  |
| Antrim.....         | 401                   | 1,328                 | 1,228                    | 1,866                 | 58                    | 39                      |  |
| Arenac.....         | 637                   | 748                   | 997                      | 616                   | 18                    |                         |  |
| Baraga.....         | 291                   | 609                   | 459                      | 513                   | 10                    | 12                      |  |
| Barry.....          | 2,452                 | 2,857                 | 3,137                    | 2,296                 | 89                    | 62                      |  |
| Bay.....            | 3,859                 | 6,617                 | 6,298                    | 6,015                 | 161                   | 63                      |  |
| Benzie.....         | 459                   | 666                   | 803                      | 1,370                 | 30                    | 55                      |  |
| Berrien.....        | 4,172                 | 6,096                 | 4,793                    | 6,673                 | 271                   | 117                     |  |
| Branch.....         | 3,200                 | 3,411                 | 3,977                    | 3,698                 | 74                    | 40                      |  |
| Calhoun.....        | 4,636                 | 5,407                 | 6,202                    | 5,885                 | 211                   | 180                     |  |
| Cass.....           | 2,374                 | 2,913                 | 3,012                    | 3,085                 | 59                    | 64                      |  |
| Charlevoix.....     | 429                   | 933                   | 978                      | 1,652                 | 24                    | 38                      |  |
| Cheboygan.....      | 1,017                 | 1,384                 | 1,616                    | 1,754                 | 16                    | 12                      |  |
| Chippewa.....       | 914                   | 1,731                 | 1,016                    | 2,104                 | 45                    | 58                      |  |
| Clare.....          | 578                   | 848                   | 725                      | 884                   | 29                    | 12                      |  |
| Clinton.....        | 2,821                 | 3,090                 | 3,467                    | 3,478                 | 65                    | 63                      |  |
| Crawford.....       | 263                   | 266                   | 350                      | 350                   | 3                     | 2                       |  |
| Delta.....          | 461                   | 1,299                 | 1,237                    | 2,774                 | 65                    | 11                      |  |
| Dickinson.....      | 302                   | 2,001                 | 527                      | 2,609                 | 56                    | 41                      |  |
| Eaton.....          | 3,726                 | 4,264                 | 4,631                    | 4,271                 | 108                   | 65                      |  |
| Emmet.....          | 1,023                 | 1,515                 | 1,337                    | 1,727                 | 43                    | 69                      |  |
| Genesee.....        | 3,156                 | 4,234                 | 4,914                    | 5,640                 | 102                   | 127                     |  |
| Gladwin.....        | 305                   | 685                   | 323                      | 748                   | 28                    | 13                      |  |
| Gogebic.....        | 632                   | 1,593                 | 837                      | 1,983                 | 49                    | 26                      |  |
| Grand Traverse..... | 728                   | 1,900                 | 1,745                    | 2,533                 | 71                    | 72                      |  |
| Gratiot.....        | 2,833                 | 3,097                 | 3,372                    | 3,380                 | 72                    | 60                      |  |
| Hillsdale.....      | 3,420                 | 3,825                 | 3,997                    | 4,566                 | 91                    | 75                      |  |
| Houghton.....       | 1,271                 | 4,468                 | 1,995                    | 6,139                 | 178                   | 225                     |  |
| Huron.....          | 1,490                 | 3,113                 | 2,808                    | 3,396                 | 89                    | 30                      |  |
| Ingham.....         | 4,594                 | 4,523                 | 5,694                    | 4,965                 | 81                    | 111                     |  |
| Ionia.....          | 4,138                 | 4,287                 | 4,753                    | 4,689                 | 65                    | 59                      |  |
| Iosco.....          | 555                   | 1,096                 | 913                      | 1,468                 | 38                    | 17                      |  |
| Iron.....           | 286                   | 795                   | 236                      | 1,051                 | 24                    | 14                      |  |
| Isabella.....       | 1,732                 | 2,657                 | 2,679                    | 2,425                 | 34                    | 40                      |  |
| Jackson.....        | 5,468                 | 4,643                 | 6,545                    | 6,209                 | 127                   | 149                     |  |
| Kalamazoo.....      | 3,747                 | 5,112                 | 5,454                    | 5,892                 | 83                    | 83                      |  |
| Kalkaska.....       | 166                   | 710                   | 422                      | 944                   | 27                    | 18                      |  |
| Kent.....           | 7,924                 | 15,245                | 13,584                   | 17,053                | 318                   | 397                     |  |
| Keweenaw.....       | 24                    | 324                   | 548                      | 411                   | 5                     | 1                       |  |
| Lake.....           | 353                   | 709                   | 645                      | 888                   | 20                    | 8                       |  |
| Lapeer.....         | 1,915                 | 2,437                 | 3,066                    | 3,310                 | 106                   | 37                      |  |
| Leelanau.....       | 518                   | 827                   | 691                      | 1,403                 | 53                    | 33                      |  |
| Lenawee.....        | 5,538                 | 5,529                 | 6,300                    | 6,861                 | 143                   | 148                     |  |
| Livingston.....     | 2,512                 | 2,474                 | 2,936                    | 2,692                 | 76                    | 73                      |  |
| Luce.....           | 258                   | 257                   | 236                      | 352                   | 16                    | 17                      |  |
| Macatawa.....       | 542                   | 673                   | 605                      | 806                   | 26                    | 9                       |  |
| Macomb.....         | 3,035                 | 3,727                 | 3,400                    | 4,153                 | 157                   | 72                      |  |
| Manistee.....       | 1,972                 | 2,465                 | 2,487                    | 2,697                 | 94                    | 55                      |  |
| Marquette.....      | 1,298                 | 3,214                 | 1,980                    | 5,110                 | 79                    | 100                     |  |
| Mason.....          | 943                   | 1,741                 | 1,580                    | 2,337                 | 69                    | 32                      |  |
| Menominee.....      | 865                   | 3,050                 | 1,975                    | 3,105                 | 47                    | 49                      |  |
| Midland.....        | 1,000                 | 1,277                 | 1,507                    | 1,824                 | 47                    | 34                      |  |
| Missaukee.....      | 596                   | 957                   | 637                      | 899                   | 14                    | 27                      |  |
| Monroe.....         | 3,276                 | 3,238                 | 4,209                    | 4,052                 | 74                    | 51                      |  |
| Montcalm.....       | 2,155                 | 3,243                 | 3,351                    | 3,479                 | 87                    | 60                      |  |
| Mount Pleasant..... | 223                   | 510                   | 320                      | 479                   | 2                     | 6                       |  |
| Muskegon.....       | 1,764                 | 4,271                 | 3,110                    | 4,682                 | 83                    | 71                      |  |
| Newaygo.....        | 1,097                 | 2,094                 | 1,943                    | 2,549                 | 30                    | 44                      |  |
| Oakland.....        | 4,415                 | 5,442                 | 5,332                    | 5,840                 | 180                   | 129                     |  |
| Oceana.....         | 955                   | 2,178                 | 1,637                    | 2,524                 | 61                    | 113                     |  |
| Ogemaw.....         | 478                   | 863                   | 590                      | 795                   | 25                    | 18                      |  |
| Ontonagon.....      | 308                   | 572                   | 416                      | 758                   | 25                    | 17                      |  |
| Oscoda.....         | 617                   | 1,134                 | 1,178                    | 2,270                 | 69                    | 52                      |  |
| Oscoda.....         | 62                    | 133                   | 62                       | 503                   | 9                     | 1                       |  |
| Otsego.....         | 409                   | 898                   | 560                      | 859                   | 14                    | 10                      |  |
| Ottawa.....         | 2,456                 | 3,906                 | 3,549                    | 5,202                 | 114                   | 67                      |  |
| Presque Isle.....   | 328                   | 850                   | 371                      | 764                   | 10                    | 8                       |  |
| Roscommon.....      | 101                   | 285                   | 141                      | 282                   | 3                     | 4                       |  |
| Saginaw.....        | 5,206                 | 7,102                 | 8,792                    | 8,262                 | 182                   | 75                      |  |
| Sanilac.....        | 1,800                 | 3,021                 | 3,156                    | 3,631                 | 90                    | 93                      |  |

MICHIGAN—Continued.

| COUNTIES.       | GOVERNOR,<br>1898.    |                       | PRESIDENT,<br>1896.      |                         |                       |                        |
|-----------------|-----------------------|-----------------------|--------------------------|-------------------------|-----------------------|------------------------|
|                 | Whit-<br>ing,<br>Dem. | Pin-<br>gree,<br>Rep. | Bryan,<br>Dem.<br>& Pop. | Mc-<br>Kinley<br>& Pop. | Pal-<br>mer,<br>N. D. | Lev-<br>ering,<br>Pro. |
| Schoolcraft.... | 412                   | 818                   | 549                      | 975                     | 13                    | 13                     |
| Shiawassee....  | 3,035                 | 4,128                 | 4,303                    | 4,655                   | 139                   | 87                     |
| St. Clair.....  | 3,750                 | 6,109                 | 5,127                    | 7,164                   | 161                   | 98                     |
| St. Joseph....  | 2,352                 | 2,443                 | 3,968                    | 3,185                   | 51                    | 59                     |
| Tuscola.....    | 3,058                 | 4,130                 | 3,565                    | 4,275                   | 87                    | 88                     |
| Van Buren....   | 2,438                 | 3,944                 | 3,982                    | 4,506                   | 92                    | 73                     |
| Washtenaw...    | 4,522                 | 4,704                 | 5,241                    | 5,677                   | 215                   | 110                    |
| Wayne.....      | 19,273                | 27,689                | 26,216                   | 36,617                  | 906                   | 261                    |
| Wexford....     | 788                   | 1,422                 | 1,356                    | 2,036                   | 36                    | 49                     |
| Total.....      | 168,142               | 243,239               | 236,714                  | 293,582                 | 6,879                 | 5,025                  |
| Plurality.....  |                       | 75,097                |                          | 56,868                  |                       |                        |
| Per cent.....   | 39.95                 | 57.73                 | 43.47                    | 53.92                   | 1.25                  | 0.92                   |
| Scattering....  | 9,783                 |                       |                          | 3,292                   |                       |                        |
| Whole vote.     | 421,164               |                       |                          | 544,492                 |                       |                        |

Of the scattering vote for Governor in 1898, Cheever, Pro., had 7,006; Cook, Pop., 1,656, and Hasseler, Soc. L., 1,101.

Of the scattering vote for President in 1896, Bentley, Nat. Pro., had 1,995, and Matchett, Soc. L., 297.

VOTE FOR SUPREME COURT JUDGE, 1899.

An election was held in April, 1899, for a Justice of the Supreme Court and two Regents of the State University. The vote for Judge was: Thomas E. Barkworth, Dem.-Pop. Fusion, 165,482; Claudius B. Grant, Rep., 216,823; Frank Baldwin Clark, Pro., 8,789; John B. Harris, Straight Pop., 4,856; George A. Eastman, Soc. L., 3,190. Grant's plurality, 51,246.

VOTE FOR STATE OFFICERS, 1896.

For Governor, Charles R. Sligh, Dem.-Pop., 221,022; Hazen S. Pingree, Rep., 304,431; Rufus F. Sprague, N. D., 9,738; Robert C. Safford, Pro., 5,499; John Gilberson, N. P., 1,944. Pingree's plurality, 83,409. The other State officers were elected by pluralities averaging 22,000 less than Pingree's.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

I. County of Wayne (part). James H. Pound, Dem., 15,461; J. B. Corliss, Rep., 16,559. Corliss' majority, 1,258.

II. Counties of Lenawee, Monroe, Jackson, Washtenaw, and Wayne (part). Orion H. Pierce, Dem., 19,999; Henry C. Smith, Rep., 21,912. Smith's majority, 1,913.

III. Counties of Branch, Hillsdale, Kalamazoo, Calhoun, and Eaton. A. M. Todd, Dem., 19,864; Washington Gardiner, Rep., 21,182. Gardiner's majority, 1,318.

IV. Counties of St. Joseph, Cass, Berrien, Van Buren, Allegan, and Barry. E. J. Jarvis, Dem., 17,146; E. L. Hamilton, Rep., 21,740. Hamilton's majority, 4,636.

V. Counties of Ottawa, Kent, and Ionia. George R. Perry, Dem., 16,054; William A. Smith, Rep., 22,021. Smith's majority, 5,957.

VI. Counties of Oakland, Genesee, Livingston, Ingham, and Wayne (part). Charles Fishback, Dem., 17,171; Samuel W. Smith, Rep., 22,981. Smith's majority, 5,810.

VII. Counties of Macomb, Lapeer, St. Clair, Sanilac, Huron, and Wayne (part). Frederick E. Burton, Dem., 13,888; Edgar Weeks, Rep., 18,623. Weeks' majority, 5,735.

VIII. Counties of Clinton, Saginaw, Shiawassee, and Tuscola. Ferdinand Brucker, Dem., 15,089; Joseph W. Fordney, Rep., 16,786. Fordney's majority, 1,700.

MICHIGAN—Continued.

IX. Counties of Muskegon, Oceana, Newaygo, Mason, Lake, Manistee, Wexford, Benzie, Leelanaw, and Manitou. C. J. Chadlock, Dem., 9,291; Roswell P. Bishop, Rep., 15,687. Bishop's majority, 6,396.

X. Counties of Bay, Midland, Gladwin, Arenac, Ogemaw, Iasco, Alcona, Oscoda, Crawford, Montmorency, Alpena, Presque Isle, Otsego, Cheboygan, and Emmet. R. J. Kelly, Dem., 13,230; Rosseau O. Crump, Rep., 16,482. Crump's majority, 3,252.

XI. Counties of Montcalm, Gratiot, Isabella, Mecosta, Osceola, Clare, Roscommon, Missaukee, Kalkaska, Grand Traverse, Antrim, and Charlevoix. A. W. Nichols, Dem., 11,793; Wm. S. Mesick, Rep., 18,645. Mesick's majority, 6,746.

XII. Counties of Delta, Schoolcraft, Chippewa, Mackinac, Ontonagon, Marquette, Menominee, Dickinson, Baraga, Houghton, Keweenaw, Isle Royal, Alger, LeClerc, Cass, and Gogebic. S. I. Curry, Dem., 8,921; Carlos D. Sheldon, Rep., 19,895. Sue dou's majority, 10,974.

PRESENT STATE GOVERNMENT.

Governor, Hazen S. Pingree; Lieutenant-Governor, O. W. Robinson; Secretary of State, Justus S. Stearns; Treasurer, Geo. A. Steel; Auditor, Roscoe D. Dix; Attorney-General, Horace M. Oren; Superintendent of Public Instruction, Jason E. Hammond; Insurance Commissioner, Harry H. Stevens—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, Robert M. Montgomery, Rep.; Justices, Frank A. Hooker, Rep.; Joseph B. Moore, Rep.; Charles D. Long, Rep.; Claudius B. Grant, Rep.; Clerk, Charles C. Hopkins, Rep.

STATE LEGISLATURE, 1899.

|                     | S. date. House. Joint Ballot. |    |     |
|---------------------|-------------------------------|----|-----|
| Republicans.....    | 27                            | 92 | 119 |
| Democrats.....      | 5                             | 8  | 13  |
| Republican majority | 22                            | 84 | 106 |

VOTE OF THE STATE SINCE 1872.

|                        | Dem.      | Rep.    | Gr.      | Pro.     | Plu.      |
|------------------------|-----------|---------|----------|----------|-----------|
| 1872. Pres....         | 78,350    | 138,458 | .....    | .....    | *60,108 R |
| 1876. Pres....         | 141,695   | 166,901 | 9,060    | .....    | *25,206 R |
| 1878. Gov....          | 78,503    | 126,290 | 73,313   | .....    | 47,777 R  |
| 1880. Pres....         | 121,300   | 185,190 | 34,795   | .....    | 53,890 R  |
|                        | Dem.-Gr.† |         | Str.-Gr. |          |           |
| 1882. Gov....          | 154,269   | 149,697 | 2,006    | 5,854    | 4,572 F   |
| 1883. Sup. Ct. 127,326 | 119,370   | 541     | 13,467   | 7,506 F  |           |
| 1884. Gov....          | 186,887   | 190,840 | 41       | 22,297   | 3,253 F   |
| 1884. P. es....        | 189,261   | 192,669 | 753      | 18,403   | 3,308 R   |
| 1885. Regent....       | 155,743   | 188,353 | .....    | 14,708   | 17,290 F  |
| 1886. Gov....          | 174,042   | 181,474 | .....    | 25,179   | 7,432 R   |
|                        | Dem.      |         | U. L.    |          |           |
| 1887. Sup. Ct. 140,215 | 174,924   | 37,658  | 18,530   | 34,609 R |           |
|                        | Dem.      |         | Indus.   |          |           |
| 1888. Pres....         | 213,469   | 236,387 | 4,555    | 20,945   | 22,923 R  |
| 1889. Sup. Ct. 123,955 | 156,226   | 2,681   | 16,280   | 33,471 R |           |
|                        | Dem.      |         | Pop.     |          |           |
| 1890. Gov....          | 183,725   | 172,205 | 13,198   | 28,651   | 11,520 D  |
| 1891. Sup. Ct. 148,271 | 153,211   | 9,121   | 14,144   | 4,940 R  |           |
|                        | Dem.-Pop. |         | N. D.    |          |           |
| 1892. Pres....         | 202,296   | 222,708 | 19,392   | 14,069   | 20,413 R  |
| 1893. Sup. Ct. 143,712 | 164,754   | 14,369  | 14,526   | 16,039 R |           |
| 1894. Gov....          | 150,823   | 137,215 | 30,012   | 18,788   | 106,392 R |
| 1895. Sup. Ct. 108,807 | 189,294   | 25,943  | 18,116   | 10,487 R |           |
|                        | Dem.-Pop. |         | N. D.    |          |           |
| 1896. Gov....          | 221,022   | 304,431 | 9,758    | 5,499    | 83,409 R  |
| 1896. Pres....         | 230,714   | 293,582 | 6,879    | 5,025    | 56,868 R  |
| 1897. Sup. Ct. 139,507 | 210,721   | 33,729  | 7,936    | 71,414 R |           |
|                        | Dem.      |         | Pop.     |          |           |
| 1898. Gov....          | 168,142   | 243,239 | 1,656    | 7,006    | 75,097 R  |
| 1899. Sup. Ct. 165,482 | 216,828   | 4,856   | 8,729    | 51,346 R |           |

\* Majority. † Fusion.

MINNESOTA.

| COUNTIES.<br>(82.) | GOVERNOR,<br>1898.    |                      |                       | PRESIDENT,<br>1896.      |                        |                        |
|--------------------|-----------------------|----------------------|-----------------------|--------------------------|------------------------|------------------------|
|                    | Lind.<br>Fu-<br>sion. | Eus-<br>tis,<br>Rep. | Hig-<br>gins,<br>Pro. | Bryan,<br>Dem.<br>& Pop. | Mc-<br>Kinley,<br>Rep. | Lev-<br>ering,<br>Pro. |
| Aitkin.....        | 406                   | 398                  | 7                     | 844                      | 856                    | 17                     |
| Anoka.....         | 893                   | 871                  | 18                    | 791                      | 1,563                  | 24                     |
| Becker.....        | 992                   | 1,117                | 95                    | 985                      | 1,479                  | 49                     |
| Beltrami.....      | 417                   | 441                  | 11                    | 213                      | 202                    | 3                      |
| Benton.....        | 836                   | 654                  | 36                    | 867                      | 778                    | 8                      |
| Big Stone.....     | 887                   | 623                  | 35                    | 742                      | 1,048                  | 54                     |
| Blue Earth.....    | 2,668                 | 2,428                | 105                   | 2,744                    | 4,055                  | 150                    |
| Brown.....         | 1,550                 | 904                  | 21                    | 1,469                    | 1,807                  | 42                     |
| Carlton.....       | 597                   | 516                  | 15                    | 543                      | 1,169                  | 13                     |
| Carver.....        | 1,477                 | 1,148                | 18                    | 1,268                    | 1,856                  | 13                     |
| Cass.....          | 410                   | 598                  | 13                    | 271                      | 351                    | 6                      |
| Chippewa.....      | 934                   | 745                  | 26                    | 1,037                    | 1,310                  | 33                     |
| Chisago.....       | 784                   | 1,103                | 9                     | 437                      | 2,558                  | 18                     |
| Clay.....          | 1,412                 | 952                  | 59                    | 1,908                    | 1,594                  | 43                     |
| Cook.....          | 83                    | 78                   | 2                     | 107                      | 81                     | 3                      |
| Cottonwood.....    | 646                   | 710                  | 36                    | 810                      | 1,242                  | 47                     |
| Crow Wing.....     | 904                   | 1,010                | 31                    | 1,066                    | 1,701                  | 59                     |
| Dakota.....        | 2,186                 | 1,191                | 99                    | 2,210                    | 2,147                  | 90                     |
| Dodge.....         | 459                   | 1,026                | 77                    | 911                      | 1,900                  | 86                     |
| Douglas.....       | 1,617                 | 1,202                | 52                    | 1,361                    | 1,976                  | 88                     |
| Faribault.....     | 1,110                 | 1,559                | 107                   | 1,107                    | 3,116                  | 82                     |
| Fillmore.....      | 1,527                 | 2,219                | 156                   | 1,929                    | 4,185                  | 167                    |
| Freeborn.....      | 864                   | 1,766                | 111                   | 1,179                    | 3,400                  | 99                     |
| Goodhue.....       | 1,878                 | 3,107                | 113                   | 1,426                    | 5,748                  | 167                    |
| Grant.....         | 761                   | 518                  | 27                    | 359                      | 1,002                  | 167                    |
| Hennepin.....      | 19,633                | 14,455               | 710                   | 20,951                   | 26,785                 | 450                    |
| Houston.....       | 910                   | 1,363                | 48                    | 991                      | 2,087                  | 47                     |
| Hubbard.....       | 384                   | 487                  | 10                    | 344                      | 267                    | 4                      |
| Isanti.....        | 1,106                 | 493                  | 9                     | 730                      | 1,490                  | 50                     |
| Itasca.....        | 573                   | 461                  | 14                    | 724                      | 825                    | 5                      |
| Jackson.....       | 964                   | 1,052                | 35                    | 1,150                    | 1,558                  | 29                     |
| Kanabec.....       | 347                   | 106                  | 1                     | 256                      | 484                    | 10                     |
| Kandiyohi.....     | 1,932                 | 995                  | 45                    | 1,628                    | 2,181                  | 33                     |
| Kittson.....       | 753                   | 397                  | 20                    | 762                      | 753                    | 28                     |
| Lac qui Parle..... | 1,195                 | 893                  | 61                    | 932                      | 1,620                  | 57                     |
| Lake.....          | 336                   | 253                  | 6                     | 320                      | 595                    | 6                      |
| Le Sueur.....      | 2,082                 | 1,620                | 78                    | 2,003                    | 2,235                  | 65                     |
| Lincoln.....       | 565                   | 378                  | 35                    | 703                      | 674                    | 31                     |
| Lyon.....          | 1,141                 | 1,374                | 42                    | 1,351                    | 1,623                  | 67                     |
| McLeod.....        | 1,623                 | 1,374                | 32                    | 1,653                    | 1,595                  | 43                     |
| Marshall.....      | 1,253                 | 1,374                | 32                    | 1,222                    | 1,200                  | 15                     |
| Martin.....        | 1,472                 | 957                  | 89                    | 1,297                    | 1,739                  | 93                     |
| Meeker.....        | 1,795                 | 1,033                | 38                    | 1,536                    | 2,094                  | 51                     |
| Miller Lacs.....   | 678                   | 634                  | 22                    | 456                      | 977                    | 13                     |
| Morrison.....      | 2,058                 | 1,187                | 62                    | 1,734                    | 1,960                  | 51                     |
| Mower.....         | 928                   | 1,788                | 80                    | 1,407                    | 3,379                  | 85                     |
| Murray.....        | 892                   | 634                  | 26                    | 1,054                    | 1,204                  | 21                     |
| Nicollet.....      | 1,318                 | 998                  | 32                    | 837                      | 1,803                  | 32                     |
| Nobles.....        | 993                   | 512                  | 63                    | 1,204                    | 1,568                  | 48                     |
| Norman.....        | 919                   | 1,059                | 113                   | 1,304                    | 1,382                  | 83                     |
| Olmsted.....       | 1,759                 | 2,268                | 122                   | 1,741                    | 3,201                  | 83                     |
| Otter Tail.....    | 3,427                 | 2,314                | 232                   | 4,482                    | 3,544                  | 162                    |
| Pine.....          | 951                   | 535                  | 12                    | 875                      | 1,152                  | 13                     |
| Pipestone.....     | 559                   | 696                  | 25                    | 919                      | 862                    | 17                     |
| Polk.....          | 2,389                 | 1,472                | 116                   | 5,664                    | 2,855                  | 69                     |
| Pope.....          | 576                   | 978                  | 50                    | 688                      | 1,773                  | 43                     |
| Ramsey.....        | 11,770                | 9,876                | 324                   | 12,048                   | 17,522                 | 177                    |
| Red Lake.....      | 1,084                 | 422                  | 20                    | 422                      | 422                    | 17                     |
| Redwood.....       | 824                   | 1,028                | 49                    | 1,123                    | 1,618                  | 31                     |
| Renville.....      | 1,908                 | 1,528                | 75                    | 1,972                    | 2,553                  | 51                     |
| Rice.....          | 1,733                 | 2,095                | 121                   | 2,002                    | 3,483                  | 103                    |
| Rock.....          | 490                   | 780                  | 32                    | 765                      | 1,209                  | 28                     |
| Roseau.....        | 401                   | 283                  | 20                    | 527                      | 287                    | 6                      |
| St. Louis.....     | 4,966                 | 4,409                | 108                   | 7,412                    | 9,810                  | 92                     |
| Scott.....         | 1,730                 | 753                  | 49                    | 1,706                    | 1,126                  | 29                     |
| Sherburne.....     | 522                   | 611                  | 20                    | 536                      | 1,008                  | 18                     |
| Sibley.....        | 1,558                 | 1,110                | 18                    | 1,251                    | 1,826                  | 19                     |
| Stearns.....       | 4,061                 | 1,900                | 63                    | 4,911                    | 2,873                  | 43                     |
| Steele.....        | 1,091                 | 1,435                | 72                    | 1,248                    | 2,044                  | 80                     |
| Stevens.....       | 681                   | 595                  | 18                    | 685                      | 981                    | 28                     |
| Swift.....         | 1,272                 | 777                  | 39                    | 1,222                    | 1,273                  | 40                     |
| Todd.....          | 1,548                 | 1,623                | 172                   | 1,739                    | 2,043                  | 98                     |
| Traverse.....      | 975                   | 287                  | 23                    | 963                      | 689                    | 99                     |
| Wabasha.....       | 1,787                 | 1,770                | 73                    | 1,620                    | 2,530                  | 76                     |
| Wadena.....        | 525                   | 677                  | 18                    | 534                      | 874                    | 25                     |
| Waseca.....        | 1,315                 | 1,118                | 36                    | 1,244                    | 1,902                  | 57                     |
| Washington.....    | 1,899                 | 1,826                | 30                    | 1,558                    | 3,295                  | 47                     |

MINNESOTA—Continued.

| COUNTIES.       | GOVERNOR,<br>1898.    |                      |                       | PRESIDENT,<br>1896.      |                        |                        |
|-----------------|-----------------------|----------------------|-----------------------|--------------------------|------------------------|------------------------|
|                 | Lind.<br>Fu-<br>sion. | Eus-<br>tis,<br>Rep. | Hig-<br>gins,<br>Pro. | Bryan,<br>Dem.<br>& Pop. | Mc-<br>Kinley,<br>Rep. | Lev-<br>ering,<br>Pro. |
| Watonwan.....   | 588                   | 764                  | 34                    | 586                      | 1,622                  | 33                     |
| Wilkin.....     | 777                   | 472                  | 26                    | 855                      | 631                    | 21                     |
| Winona.....     | 3,233                 | 2,372                | 98                    | 3,528                    | 3,935                  | 69                     |
| Wright.....     | 2,530                 | 1,911                | 60                    | 2,172                    | 3,312                  | 49                     |
| Yellow Med..... | 1,035                 | 961                  | 64                    | 1,015                    | 1,573                  | 63                     |
| Total.....      | 131,980               | 111,796              | 5,299                 | 139,735                  | 193,503                | 4,348                  |
| Plurality.....  |                       |                      |                       |                          | 53,768                 |                        |
| Percent.....    | 62.28                 | 44.24                | 2.06                  | 40.80                    | 56.70                  | 1.25                   |
| Scattering..... |                       |                      |                       |                          | 4,078                  |                        |
| Whole vote..... |                       | 252,552              |                       |                          | 341,664                |                        |

The scattering vote for Governor in 1898 was: L. C. Long, Pop., 1,802; W. B. Hammond, Soc. L., 1,685.

Democrats and Populists fused in 1896, 4 of the electors being Democrats and 4 being Populists.

The scattering vote for President in 1896 was: Palmer, Nat. Dem., 3,202; Matchett, Soc. L., 875.

The vote for Governor in 1896 was: John Lind, Fus., 162,354; David M. Clough, Rep., 165,906; W. J. Dean, Pro., 5,154; W. B. Hammond, Soc. L., 1,125; A. A. Ames, Ind., 2,890. Clough's plurality, 3,652.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1896.

**Districts**  
I. Counties of Dodge, Fillmore, Freeborn, Houston, Mower, Olmsted, Steele, Wabasha, Waseca, and Winona. Milo White, Fus., 11,931; J. A. Tawney, Rep., 18,939. Tawney's majority, 7,008.

II. Counties of Blue Earth, Brown, Cottonwood, Faribault, Jackson, Lac qui Parle, Lincoln, Lyon, Martin, Murray, Nicollet, Nobles, Pipestone, Redwood, Rock, Sibley, Watonwan, and Yellow Medicine. D. H. Evans, Fus., 14,734; J. T. McClary, Rep., 21,296. McClary's majority, 6,512.

III. Counties of Carver, Dakota, Goodhue, Le Sueur, McLeod, Meeker, Renville, Rice, and Scott. C. G. Hinds, Fus., 13,133; Joel P. Heatwole, Rep., 19,271. Heatwole's majority, 6,088.

IV. Counties of Chisago, Isanti, Kanabec, Ramsey, and Washington. J. W. Willis, Fus., 11,602; Frederick C. Stevens, Rep., 15,952. Stevens' majority, 4,350.

V. County of Hennepin. T. J. Caton, Fus., 12,896; Loren Fletcher, Rep., 18,735. Fletcher's majority, 5,840.

VI. Counties of Aitkin, Anoka, Beltrami, Benton, Carlton, Cass, Cook, Crow Wing, Hubbard, Itasca, Lake, Miller Lacs, Morrison, Pine, St. Louis, Sherburne, Stearns, Todd, Wadena, and Wright. Chas. A. Towne, Fus., 21,731; Page Morris, Rep., 22,194. Morris' majority, 463.

VII. Counties of Becker, Big Stone, Chippewa, Clay, Douglas, Grant, Kandiyohi, Kittson, Marshall, Norman, Otter Tail, Polk, Pope, Red Lake, Roseau, Stevens, Swift, Traverse, and Wilkin. P. M. Ringdal, Fus., 16,716; Frank M. Eddy, Rep., 20,403. Eddy's majority, 3,684.

PRESENT STATE GOVERNMENT

Governor, John Lind; Lieutenant-Governor, L. A. Smith; Secretary of State, Albert Berg; Treasurer, A. T. Koerner; Auditor, R. C. Dunn; Adjutant-General G. C. Lambert; Commissioner of Insurance, J. A. O'Shaughnessy; Attorney-General, W. B. Douglas—all Republicans except Lind and O'Shaughnessy, Dem.-Pro.

JUDICIARY.

Supreme Court: Chief Justice, Charles M. East, Rep.; Associate Justices, Calvin L. Brown, Rep.; John A. Lovely, Rep.; Charles L. Lewis, Rep.; and L. W. Collins, Rep.; Clerk, Darius F. Reese, Rep.

MINNESOTA—Continued.

STATE LEGISLATURE, 1899.

Senate. House. Joint Ballot.

|                     |    |    |     |
|---------------------|----|----|-----|
| Republicans.....    | 44 | 93 | 137 |
| Democrats.....      | 18 | 25 | 43  |
| Independent.....    | 1  | 1  | 2   |
| Republican majority | 25 | 67 | 92  |

VOTE OF THE STATE SINCE 1872.

|                 | Dem.    | Rep.    | Gr.   | Pro.  | Plu.      |
|-----------------|---------|---------|-------|-------|-----------|
| 1872. Pres..... | 35,211  | 55,703  |       |       | *20,497 R |
| 1876. Pres..... | 48,587  | 72,955  | 2,389 |       | *24,368 R |
| 1880. Pres..... | 53,315  | 93,902  | 3,267 | 285   | 40,588 R  |
| 1883. Gov.....  | 58,251  | 73,462  |       | 4,924 | 14,211 R  |
| 1884. Pres..... | 70,065  | 111,685 | 3,583 | 4,684 | 41,630 R  |
| 1886. Gov.....  | 104,464 | 107,064 |       | 8,966 | 2,600 R   |

U. Lab.

|                 |         |         |        |        |           |
|-----------------|---------|---------|--------|--------|-----------|
| 1888. Pres..... | 104,385 | 142,492 | 1,094  | 15,311 | 38,106 R  |
| 1890. Gov.....  | 85,844  | 88,111  | 54,514 | 8,424  | 2,267 R   |
| 1892. Pres..... | 100,920 | 122,823 | 29,313 | 14,182 | †12,367 R |
| 1892. Gov.....  | 94,600  | 109,230 | 39,784 | 12,167 | 14,620 R  |
| 1894. Gov.....  | 53,584  | 147,943 | 87,931 | 6,879  | 60,012 R  |

N. D.

|                 |         |         |       |       |          |
|-----------------|---------|---------|-------|-------|----------|
| 1896. Pres..... | 139,735 | 193,503 | 3,262 | 1,248 | 53,768 R |
| 1898. Gov.....  | 131,980 | 111,796 | 1,766 | 5,299 | 20,134 F |

\* Majority. † Majority over the Fusion electoral vote

MISSISSIPPI.

| COUNTIES.<br>(75.) | GOVERNOR,<br>1899. |                  | PRESIDENT,<br>1896. |                    |                  |                    |
|--------------------|--------------------|------------------|---------------------|--------------------|------------------|--------------------|
|                    | Longino,<br>Dem.   | Prewett,<br>Pop. | Bryan,<br>Dem.*     | McKienley,<br>Rep. | Palmer,<br>N. D. | Leveering,<br>Pro. |
| Adams.....         | 328                | 11               | 507                 | 174                | 30               | 4                  |
| Alcorn.....        | 779                | 99               | 925                 | 57                 | 2                | 3                  |
| Amite.....         | 498                | 85               | 993                 | 21                 | 17               | 6                  |
| Attala.....        | 1,138              | 297              | 1,307               | 164                | 11               | 8                  |
| Benton.....        | 340                | 12               | 636                 | 113                | 1                | 3                  |
| Bolivar.....       | 414                | 6                | 360                 | 117                | 3                | 20                 |
| Calhoun.....       | 562                | 158              | 948                 | 33                 | 30               | 11                 |
| Carroll.....       | 885                | 445              | 1,187               | 79                 | 11               | 2                  |
| Chickasaw.....     | 684                | 405              | 666                 | 70                 | 20               | 11                 |
| Choctaw.....       | 795                | 618              | 905                 | 54                 | 4                | 3                  |
| Claiborne.....     | 239                | 3                | 514                 | 15                 | 41               | 2                  |
| Clarke.....        | 479                | 10               | 947                 | 7                  | 4                | 2                  |
| Clay.....          | 422                | 43               | 676                 | 34                 | 8                | 5                  |
| Coahoma.....       | 427                | 13               | 347                 | 83                 | 10               | 3                  |
| Copiah.....        | 1,190              | 70               | 1,588               | 63                 | 17               | 6                  |
| Covington.....     | 325                | 15               | 731                 | 72                 | 1                | 2                  |
| De Soto.....       | 392                | 15               | 888                 | 58                 | 21               | 1                  |
| Franklin.....      | 596                | 180              | 592                 | 17                 | 7                | 2                  |
| Greene.....        | 296                | 31               | 266                 |                    | 4                | ..                 |
| Grenada.....       | 281                | 27               | 483                 | 20                 | 2                | 4                  |
| Hancock.....       | 203                | 15               | 348                 | 48                 | 11               | ..                 |
| Harrison.....      | 398                | 20               | 257                 | 17                 | 15               | 1                  |
| Hinds.....         | 774                | 20               | 1,643               | 144                | 28               | 40                 |
| Holmes.....        | 652                | 35               | 1,010               | 74                 | 6                | 5                  |
| Issaquena.....     | 84                 | ...              | 97                  | 29                 | 1                | 1                  |
| Itawamba.....      | 382                | 65               | 1,089               | 32                 | 11               | 5                  |
| Jackson.....       | 297                | 8                | 723                 | 131                | 73               | 15                 |
| Jasper.....        | 466                | 7                | 871                 | 20                 | 16               | 5                  |
| Jefferson.....     | 464                | 7                | 627                 | 55                 | 1                | 3                  |
| Jones.....         | 682                | 104              | 934                 | 35                 | 14               | 5                  |
| Kemper.....        | 815                | 339              | 922                 | 72                 | 19               | 3                  |
| Lafayette.....     | 639                | 37               | 1,314               | 139                | 3                | 1                  |
| Lauderdale.....    | 1,025              | 166              | 1,978               | 98                 | 42               | 13                 |
| Lawrence.....      | 631                | 42               | 774                 | 175                | 8                | 2                  |
| Leake.....         | 609                | 52               | 1,164               | 91                 | 4                | 7                  |
| Lee.....           | 539                | 80               | 1,241               | 34                 | 9                | 3                  |
| Leflore.....       | 227                | 3                | 316                 |                    | 1                | ..                 |
| Lincoln.....       | 1,112              | 122              | 954                 | 134                | 23               | 17                 |
| Lowndes.....       | 415                | 9                | 820                 | 13                 | 7                | 3                  |
| Madison.....       | 201                | 10               | 763                 | 65                 | 20               | 1                  |
| Marion.....        | 800                | 79               | 839                 | 238                | 23               | 7                  |
| Marshall.....      | 683                | 29               | 1,286               | 79                 | 13               | 7                  |
| Monroe.....        | 755                | 65               | 1,608               | 71                 | 4                | 7                  |
| Montgomery.....    | 753                | 90               | 1,050               | 23                 | 3                | 7                  |
| Neshoba.....       | 624                | 134              | 1,055               | 7                  | ...              | 2                  |
| Newton.....        | 873                | 61               | 1,201               | 9                  | 6                | 4                  |
| Noxubee.....       | 427                | 40               | 715                 | 12                 | 5                | 2                  |
| Oktibbeha.....     | 475                | 73               | 816                 | 27                 | 2                | 4                  |
| Panola.....        | 507                | 44               | 1,235               | 78                 | 21               | 23                 |

MISSISSIPPI—Continued.

| COUNTIES.       | GOVERNOR,<br>1899. |                  | PRESIDENT,<br>1896. |                    |                  |                    |
|-----------------|--------------------|------------------|---------------------|--------------------|------------------|--------------------|
|                 | Longino,<br>Dem.   | Prewett,<br>Pop. | Bryan,<br>Dem.*     | McKienley,<br>Rep. | Palmer,<br>N. D. | Leveering,<br>Pro. |
| Pearl River...  | 287                | 15               | 266                 | 34                 | 9                | 1                  |
| Perry.....      | 414                | 14               | 419                 | 30                 | 2                | 7                  |
| Pike.....       | 646                | 25               | 1,380               | 120                | 23               | 10                 |
| Pontotoc.....   | 1,027              | 323              | 944                 | 64                 | 4                | 11                 |
| Prentiss.....   | 753                | 215              | 973                 | 59                 | 18               | 4                  |
| Quitman.....    | 181                | 1                | 171                 | 40                 | ..               | ..                 |
| Rankin.....     | 722                | 14               | 1,044               | 76                 | 9                | 3                  |
| Scott.....      | 651                | 40               | 780                 | 26                 | ..               | 3                  |
| Sharkey.....    | 131                | 5                | 194                 | 22                 | 1                | 4                  |
| Simpson.....    | 839                | 78               | 877                 | 53                 | 4                | 6                  |
| Smith.....      | 1,310              | 116              | 1,077               | 1                  | 2                | 5                  |
| Sunflower.....  | 249                | ..               | 459                 | 24                 | 6                | 2                  |
| Tallahatchie..  | 331                | 20               | 779                 | 23                 | ..               | ..                 |
| Tate.....       | 509                | 36               | 1,125               | 76                 | 40               | 6                  |
| Tippah.....     | 738                | 77               | 1,063               | 103                | 5                | 3                  |
| Tishomingo...   | 669                | 56               | 951                 | 67                 | 2                | 1                  |
| Tunica.....     | 140                | 4                | 174                 | 62                 | 4                | 1                  |
| Union.....      | 522                | 57               | 1,292               | 114                | 7                | ..                 |
| Warren.....     | 496                | 12               | 867                 | 133                | 143              | 8                  |
| Washington...   | 453                | ..               | 611                 | 98                 | 44               | 5                  |
| Wayne.....      | 551                | 72               | 855                 | 30                 | 5                | 1                  |
| Webster.....    | 641                | 305              | 676                 | 127                | 5                | 1                  |
| Wilkinson.....  | 267                | 3                | 561                 | 36                 | 2                | 1                  |
| Winston.....    | 510                | 229              | 1,095               | 32                 | 11               | 2                  |
| Yalobusha.....  | 244                | 86               | 1,110               | 73                 | 24               | 6                  |
| Yazoo.....      | 400                | 25               | 1,159               | 24                 | 6                | ..                 |
| Total.....      | 42,273             | 6,097            | 63,252              | 4,849              | 1,021            | 390                |
| Plurality.....  | 36,176             | ..               | 58,404              | ..                 | ..               | ..                 |
| Per cent.....   | 87.39              | 12.60            | 90.99               | 6.97               | 1.47             | 0.06               |
| Scattering..... | ..                 | ..               | ..                  | 69,513             | ..               | ..                 |
| Whole vote..... | 48,370             | ..               | ..                  | ..                 | ..               | ..                 |

\* This is the combined Bryan and Sewall (F. S. D.) and the Bryan and Watson (Pop.) vote. The Bryan and Watson (Pop.) vote was 7,320.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

- Districts.
- Counties of Alcorn, Itawamba, Lee, Lowndes, Monroe, Oktibbeha, Prentiss, and Tishomingo. John M. Allen, Dem., 2,468. No opposition.
  - Counties of Benton, De Soto, Lafayette, Marshall, Panola, Tallahatchie, Tippah, Tate, and Union. Thomas Spight, Dem., 2,949; scattering, 226.
  - Counties of Bolivar, Coahoma, Issaquena, Leflore, Quitman, Sharkey, Sunflower, Tunica, Warren, and Washington. Thomas C. Catchings, Dem., 2,288; C. J. Jones, Rep., 373; scattering, 45.
  - Counties of Calhoun, Carroll, Chickasaw, Choctaw, Clay, Grenada, Kemper, Montgomery, Noxubee, Pontotoc, Webster, Winston, and Yalobusha. A. F. Fox, Dem., 3,461; Raleigh Brewer, Pop., 1,090.
  - Counties of Attala, Clarke, Holmes, Jasper, Lauderdale, Leake, Neshoba, Newton, Scott, Smith, Wayne, and Yazoo. John S. Williams, Dem., 4,943; J. R. S. Pitts, Rep., 142; scattering, 20.
  - Counties of Adams, Amite, Covington, Greene, Hancock, Harrison, Jackson, Jones, Lawrence, Marion, Perry, Pearl River, Pike, and Wilkinson. F. A. McLean, Dem., 3,276; M. M. Owens, Dem., 1,290; N. C. Hathorn, Pop., 993; H. C. Turley, Rep., 427; scattering, 5.
  - Counties of Claiborne, Copiah, Franklin, Hinds, Jefferson, Lincoln, Madison, Rankin, and Simpson. Patrick Henry, Dem., 2,273; E. F. Erennan, Rep., 156; J. F. Yellowly, 171.
- PRESENT STATE GOVERNMENT.
- Governor, A. H. Longino; Lieutenant-Governor, J. T. Harrison; Secretary of State, J. L. Power; Treasurer, J. H. Stowers; Auditor, W. Q. Cole; Superintendent of Education, H. L. Whitfield; Attorney-General, Monroe McClurg; Adjutant-General, William Henry—all Democrats.

MISSISSIPPI—Continued.

JUDICIARY.

Supreme Court: Chief Justice, Thomas H. Woods; Associate Justices, S. H. Terral and Albert H. Whitfield; Clerk of the Court, Edward W. Brown—all Democrats.

STATE LEGISLATURE, 1900.

The State Legislature is wholly Democratic, except two Populists in the lower house.

VOTE OF THE STATE SINCE 1872.

|                    | Dem. Rep. | Gr.          | Pop.   | Maj.    |        |   |
|--------------------|-----------|--------------|--------|---------|--------|---|
| 1872. President... | 47,287    | 82,406       | ...    | 35,119  | R      |   |
| 1876. President... | 112,143   | 52,705       | ...    | 59,428  | D      |   |
| 1880. President... | 75,750    | 84,854       | 5,797  | 840,886 | D      |   |
| 1884. President... | 78,510    | 43,859       | ...    | 33,001  | D      |   |
| 1885. Governor...  | 58,783    | 1,081        | ...    | 87,702  | D      |   |
|                    |           | Pro.         |        |         |        |   |
| 1888. President... | 85,471    | 30,096       | 218    | 55,375  | D      |   |
| 1892. President... | 40,237    | 1,406        | 910    | 10,256  | 29,981 | D |
| 1895. Governor...  | 46,873    | ...          | 17,406 | 32,407  | D      |   |
|                    |           | Nat. D. Pla. |        |         |        |   |
| 1896. President... | 63,253    | 4,849        | 390    | 1,021   | 55,404 | D |
|                    |           | Pop.         |        |         |        |   |
| 1899. Governor...  | 42,273    | ...          | 6,097  | 36,176  | D      |   |

\*Plurality.

MISSOURI.

| COUNTIES.<br>(115.)  | JUDGE SUPREME COURT,<br>1898. |                           |                        |                | PRESIDENT,<br>1896.   |        |
|----------------------|-------------------------------|---------------------------|------------------------|----------------|-----------------------|--------|
|                      | Mar-<br>shall,<br>Dem.        | Finkel-<br>nburg,<br>Rep. | Robin-<br>son,<br>Pro. | Bryan,<br>Dem. | Mc-<br>Kinley<br>Rep. |        |
| Adair .....          | 1,627                         | 2,148                     | 285                    | 28             | 2,311                 | 2,403  |
| Andrew .....         | 1,889                         | 2,130                     | 16                     | 20             | 2,191                 | 2,352  |
| Atchison .....       | 1,798                         | 1,680                     | 59                     | 41             | 2,272                 | 1,587  |
| Audrain .....        | 3,216                         | 1,129                     | 74                     | 30             | 3,984                 | 1,609  |
| Barry .....          | 2,328                         | 2,158                     | 63                     | 20             | 3,151                 | 2,320  |
| Barton .....         | 2,057                         | 1,602                     | 47                     | 92             | 2,834                 | 1,496  |
| Bates .....          | 2,648                         | 1,912                     | 660                    | 92             | 5,073                 | 2,522  |
| Benton .....         | 1,402                         | 1,803                     | 31                     | 29             | 1,762                 | 1,957  |
| Bollinger .....      | 1,356                         | 1,151                     | 24                     | 21             | 1,485                 | 1,273  |
| Boone .....          | 3,471                         | 739                       | 73                     | 25             | 5,075                 | 1,705  |
| Buchanan .....       | 6,573                         | 6,523                     | 26                     | 84             | 7,396                 | 6,851  |
| Butler .....         | 1,621                         | 1,397                     | 50                     | 9              | 1,743                 | 1,635  |
| Caldwell .....       | 1,535                         | 2,024                     | 155                    | 19             | 2,063                 | 2,115  |
| Callaway .....       | 3,755                         | 1,316                     | 19                     | 8              | 4,358                 | 1,849  |
| Camden .....         | 1,015                         | 1,361                     | 33                     | 10             | 1,287                 | 1,326  |
| Cape Girardeau ..... | 2,177                         | 2,543                     | 222                    | 51             | 2,473                 | 2,482  |
| Carroll .....        | 3,172                         | 3,191                     | 57                     | 42             | 3,555                 | 3,393  |
| Carter .....         | 672                           | 527                       | 2                      | 2              | 611                   | 483    |
| Cass .....           | 2,532                         | 1,528                     | 114                    | 63             | 3,975                 | 2,229  |
| Cedar .....          | 1,494                         | 1,693                     | 249                    | 21             | 2,400                 | 1,881  |
| Chariton .....       | 2,904                         | 1,492                     | 55                     | 16             | 4,321                 | 2,359  |
| Christian .....      | 1,062                         | 1,857                     | 90                     | 7              | 1,729                 | 1,983  |
| Clark .....          | 1,910                         | 1,930                     | 5                      | 46             | 2,107                 | 1,953  |
| Clay .....           | 2,882                         | 454                       | 46                     | 22             | 4,071                 | 924    |
| Clinton .....        | 1,990                         | 1,374                     | 35                     | 33             | 2,610                 | 1,792  |
| Cole .....           | 2,131                         | 1,874                     | 9                      | 10             | 2,198                 | 2,023  |
| Cooper .....         | 2,646                         | 2,424                     | 67                     | 15             | 3,028                 | 2,711  |
| Crawford .....       | 1,287                         | 1,410                     | 12                     | 16             | 1,393                 | 1,447  |
| Dade .....           | 1,736                         | 1,816                     | 79                     | 23             | 2,363                 | 1,797  |
| Dallas .....         | 1,067                         | 1,533                     | 257                    | 14             | 1,525                 | 1,465  |
| Daviess .....        | 2,604                         | 2,273                     | 83                     | 76             | 3,125                 | 2,330  |
| De Kalb .....        | 1,707                         | 1,541                     | 91                     | 53             | 2,167                 | 1,580  |
| Dent .....           | 1,255                         | 871                       | 71                     | 3              | 1,493                 | 1,097  |
| Douglas .....        | 500                           | 1,698                     | 867                    | 10             | 1,700                 | 1,583  |
| Dunklin .....        | 1,914                         | 547                       | 15                     | 9              | 2,975                 | 961    |
| Franklin .....       | 2,329                         | 3,119                     | 11                     | 8              | 2,904                 | 3,797  |
| Gasconade .....      | 481                           | 1,966                     | 12                     | 5              | 515                   | 2,155  |
| Gentry .....         | 2,346                         | 1,947                     | 160                    | 45             | 2,906                 | 2,000  |
| Greene .....         | 4,965                         | 5,157                     | 322                    | 50             | 6,327                 | 5,802  |
| Grundy .....         | 1,087                         | 2,117                     | 18                     | 29             | 1,675                 | 2,778  |
| Harrison .....       | 1,706                         | 2,661                     | 174                    | 38             | 2,532                 | 2,956  |
| Henry .....          | 3,401                         | 2,307                     | 109                    | 45             | 4,442                 | 3,234  |
| Hickory .....        | 795                           | 1,154                     | 41                     | 13             | 1,045                 | 1,194  |
| Holt .....           | 1,634                         | 2,181                     | 23                     | 32             | 2,036                 | 2,397  |
| Howard .....         | 2,626                         | 8-2                       | 28                     | 15             | 3,317                 | 1,353  |
| Howell .....         | 1,822                         | 2,013                     | 257                    | 30             | 2,373                 | 1,892  |
| Iron .....           | 706                           | 469                       | 7                      | 7              | 1,016                 | 607    |
| Jackson .....        | 16,780                        | 14,511                    | 328                    | 92             | 20,705                | 18,711 |
| Jasper .....         | 5,550                         | 5,456                     | 274                    | 92             | 7,038                 | 4,825  |
| Jefferson .....      | 2,855                         | 2,674                     | 23                     | 29             | 2,785                 | 2,876  |

MISSOURI—Continued.

| COUNTIES.            | JUDGE SUPREME COURT,<br>1898. |                           |                        |                | PRESIDENT,<br>1896.   |         |
|----------------------|-------------------------------|---------------------------|------------------------|----------------|-----------------------|---------|
|                      | Mar-<br>shall,<br>Dem.        | Finkel-<br>nburg,<br>Rep. | Robin-<br>son,<br>Pro. | Bryan,<br>Dem. | Mc-<br>Kinley<br>Rep. |         |
| Johnson .....        | 3,179                         | 2,647                     | 127                    | 46             | 4,240                 | 3,219   |
| Knox .....           | 1,768                         | 1,092                     | 46                     | 21             | 2,155                 | 1,246   |
| Laclede .....        | 1,610                         | 1,620                     | 200                    | 28             | 2,130                 | 1,598   |
| Lalayette .....      | 3,529                         | 3,779                     | 36                     | 30             | 4,463                 | 3,375   |
| Lawrence .....       | 2,928                         | 2,893                     | 54                     | 38             | 3,369                 | 2,962   |
| Lewis .....          | 2,174                         | 1,006                     | 40                     | 14             | 2,624                 | 1,581   |
| Lincoln .....        | 2,335                         | 1,198                     | 7                      | 10             | 3,003                 | 1,954   |
| Linn .....           | 2,709                         | 2,639                     | 59                     | 45             | 3,327                 | 3,165   |
| Livingston .....     | 2,484                         | 2,171                     | 261                    | 74             | 3,353                 | 2,377   |
| McDonald .....       | 1,296                         | 1,069                     | 50                     | 21             | 1,676                 | 998     |
| Macon .....          | 3,632                         | 3,042                     | 202                    | 32             | 4,475                 | 3,475   |
| Madison .....        | 1,066                         | 651                       | 12                     | 8              | 1,256                 | 780     |
| Maries .....         | 1,073                         | 398                       | 3                      | 5              | 1,365                 | 546     |
| Marion .....         | 2,775                         | 1,348                     | 5                      | 23             | 4,008                 | 2,699   |
| Mercer .....         | 867                           | 1,566                     | 24                     | 20             | 1,405                 | 1,963   |
| Miller .....         | 1,538                         | 1,719                     | 29                     | 10             | 1,694                 | 1,707   |
| Mississippi .....    | 1,196                         | 708                       | 7                      | 4              | 1,673                 | 1,074   |
| Moniteau .....       | 1,536                         | 1,534                     | 289                    | 31             | 2,096                 | 1,580   |
| Mourre .....         | 3,462                         | 523                       | 42                     | 17             | 4,379                 | 892     |
| Montgomery .....     | 2,103                         | 1,810                     | 39                     | 64             | 2,372                 | 1,920   |
| Morgan .....         | 1,364                         | 1,292                     | 74                     | 5              | 1,628                 | 1,366   |
| New Madrid .....     | 1,073                         | 275                       | 3                      | 1              | 1,639                 | 480     |
| Newton .....         | 2,326                         | 2,037                     | 88                     | 113            | 3,029                 | 2,474   |
| Nodaway .....        | 3,899                         | 3,448                     | 48                     | 44             | 4,577                 | 3,137   |
| Oregon .....         | 1,349                         | 1,503                     | 74                     | 5              | 1,783                 | 1,676   |
| Ozage .....          | 1,346                         | 1,648                     | 2                      | 32             | 1,456                 | 1,700   |
| Ozark .....          | 681                           | 1,212                     | 160                    | 3              | 1,025                 | 1,187   |
| Pemiscot .....       | 1,558                         | 659                       | 23                     | 4              | 1,260                 | 855     |
| Perry .....          | 1,496                         | 1,581                     | 9                      | 5              | 1,450                 | 1,622   |
| Pettis .....         | 3,632                         | 3,482                     | 15                     | 38             | 4,267                 | 4,119   |
| Phelps .....         | 1,508                         | 1,065                     | 155                    | 10             | 1,816                 | 1,088   |
| Pike .....           | 3,420                         | 2,182                     | 12                     | 9              | 3,839                 | 2,884   |
| Platte .....         | 2,815                         | 796                       | 14                     | 31             | 3,191                 | 1,044   |
| Polk .....           | 2,141                         | 2,455                     | 253                    | 31             | 2,711                 | 2,564   |
| Pulaski .....        | 1,227                         | 717                       | 7                      | 2              | 1,410                 | 802     |
| Putnam .....         | 920                           | 1,799                     | 19                     | 16             | 1,736                 | 2,303   |
| Ralls .....          | 1,905                         | 502                       | 10                     | 5              | 2,297                 | 814     |
| Randolph .....       | 2,743                         | 1,120                     | 33                     | 27             | 4,097                 | 2,162   |
| Ray .....            | 2,887                         | 1,495                     | 16                     | 36             | 3,945                 | 2,803   |
| Reynolds .....       | 648                           | 291                       | 6                      | ..             | 1,015                 | 865     |
| Ripley .....         | 1,147                         | 646                       | 31                     | 7              | 1,442                 | 749     |
| St. Charles .....    | 2,068                         | 2,878                     | 11                     | 4              | 2,448                 | 3,137   |
| St. Clair .....      | 1,872                         | 1,588                     | 162                    | 16             | 2,686                 | 1,829   |
| St. Francois .....   | 2,048                         | 1,513                     | 7                      | 16             | 2,345                 | 1,664   |
| St. Genevieve .....  | 1,126                         | 799                       | 2                      | 2              | 1,245                 | 903     |
| St. Louis .....      | 2,976                         | 4,976                     | 28                     | 23             | 3,403                 | 6,210   |
| St. Louis City ..... | 39,697                        | 48,900                    | 220                    | 88             | 50,091                | 65,708  |
| Saline .....         | 1,528                         | 1,928                     | 620                    | 30             | 5,615                 | 3,050   |
| Schuyler .....       | 1,299                         | 1,027                     | 76                     | 12             | 1,592                 | 1,131   |
| Scotland .....       | 1,678                         | 1,173                     | 78                     | 14             | 2,077                 | 1,203   |
| Scott .....          | 1,366                         | 474                       | 6                      | 7              | 1,906                 | 751     |
| Shannon .....        | 1,011                         | 589                       | 18                     | 4              | 1,186                 | 689     |
| Shelby .....         | 2,202                         | 909                       | 23                     | 23             | 2,850                 | 1,275   |
| Stoddard .....       | 1,948                         | 1,089                     | 58                     | 12             | 2,660                 | 1,534   |
| Stone .....          | 412                           | 987                       | 111                    | 8              | 827                   | 1,094   |
| Sullivan .....       | 2,420                         | 2,434                     | 7                      | 24             | 2,451                 | 2,343   |
| Taney .....          | 694                           | 978                       | 56                     | 2              | 925                   | 1,024   |
| Texas .....          | 2,075                         | 1,671                     | 119                    | 7              | 2,572                 | 1,785   |
| Vernon .....         | 3,364                         | 1,668                     | 41                     | 44             | 5,133                 | 2,220   |
| Warren .....         | 453                           | 1,381                     | 23                     | 2              | 691                   | 1,680   |
| Washington .....     | 1,422                         | 1,562                     | 2                      | 6              | 1,548                 | 1,447   |
| Wayne .....          | 1,529                         | 1,583                     | 8                      | 7              | 1,566                 | 1,517   |
| Webster .....        | 1,689                         | 1,711                     | 125                    | 19             | 1,985                 | 1,666   |
| Worth .....          | 1,111                         | 1,042                     | 46                     | 18             | 1,243                 | 885     |
| Wright .....         | 1,142                         | 1,852                     | 293                    | 12             | 1,777                 | 1,755   |
| Total .....          | 285,770                       | 255,428                   | 9,927                  | 2,933          | 363,667               | 304,940 |
| Plurality .....      |                               |                           |                        |                | 58,727                |         |
| Percent .....        | 51.82                         | 45.87                     | 1.78                   | 0.52           | 53.95                 | 45.21   |
| Scattering .....     |                               | 2,763                     |                        |                | 5,413                 |         |
| Whole vote .....     |                               | 556,821                   |                        |                | 674,019               |         |

Of the scattering vote for Judge in 1898 Sanderson, Soc. D., had 1,645 and Custerborder, Soc. L., 1,063.

The scattering vote in 1896 was: Palmer, Nat. D., 2,355; Levering, Pro., 2,103; Maichett, Soc. L., 596, and Bentley, Nat. Pro., 293.

MISSOURI—Continued.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

- I. Counties of Adair, Clark, Knox, Lewis, Macon, Marion, Putnam, Schuyler, Scotland, and Shelby. J. T. Floyd, Dem., 20,068; A. W. Seaber, Rep., 15,460; J. A. Landon, Pop., 738.
- II. Counties of Carroll, Chariton, Grundy, Linn, Livingston, Monroe, Randolph, and Sullivan. W. W. Rucker, Dem., 20,768; W. C. Irwin, Rep., 15,627; H. Tudor, Pop., 499.
- III. Counties of Caldwell, Clay, Clinton, Daviess, De Kalb, Gentry, Harrison, Mercer, Ray, and Worth. J. Dougherty, Dem., 19,560; J. C. Goodrich, Rep., 16,440; Ulysses A. Towns, Pop., 809.
- IV. Counties of Andrew, Atchison, Buchanan, Holt, Nodaway, and Platte. C. F. Cochran, Dem., 18,294; A. W. Brewster, Rep., 16,261.
- V. Counties of Jackson and Lafayette. W. S. Cowherd, Dem., 20,487; J. W. Welborn, Rep., 17,144; scattering, 622.
- VI. Counties of Bates, Cass, Cedar, Dade, Henry, Johnson, and St. Clair. David A. De Armond, Dem., 16,645; S. M. Jurden, Rep., 13,595; S. C. Brooks, Pop., 1,510.
- VII. Counties of Benton, Boone, Greene, Hickory, Howard, Pettis, Polk, and Saline. James Cooney, Dem., 22,536; W. G. Robertson, Rep., 17,642; D. T. Mitchell, Pop., 666.
- VIII. Counties of Callaway, Camden, Cole, Cooper, Dallas, Laclede, Maries, Miller, Moniteau, Morgan, Osage, Phelps, and Pulaski. R. P. Bland, Dem., 21,674; J. W. Vosshall, Rep., 18,831; W. R. Hale, Pop., 271.
- IX. Counties of Andrain, Crawford, Gasconade, Lincoln, Montgomery, Pike, Ralls, St. Charles, and Warren. Beauchamp Clark, Dem., 17,463; R. Shackelford, Rep., 14,449; H. Bell, Pop., 144.
- X. Counties of Franklin and St. Louis, and city of St. Louis (part). M. Gill, Dem., 13,254; R. Bartholdt, Rep., 19,850; C. E. Keefler, Soc. D., 247; J. J. Ernst, Soc. L., 126.
- XI. City of St. Louis (part). E. A. Noonan, Dem., 18,657; Charles F. Joy, Rep., 21,315; scattering, 813.
- XII. City of St. Louis (part). R. H. Kern, Dem., 12,989; Chas. E. Pearce, Rep., 15,300; scattering, 799.
- XIII. Counties of Carter, Dent, Iron, Jefferson, Madison, Perry, Reynolds, St. Francis, St. Genevieve, Shannon, Texas, Washington, Wayne, Webster, and Wright. Edward Robb, Dem., 21,601; J. H. Reppy, Rep., 18,314; J. B. Dines, Pop., 702.
- XIV. Counties of Bollinger, Butler, Cape Girardeau, Christian, Douglas, Dunklin, Howell, Mississippi, New Madrid, Oregon, Ozark, Pemiscot, Ripley, Scott, Stoddard, Stone, and Taney. W. D. Vandiver, Dem., 21,771; G. M. Miley, Rep., 18,650; Dewitt Esken, Pop., 2,025.
- XV. Counties of Barry, Barton, Jasper, Lawrence, McDonald, Newton, and Vernon. M. E. Benton, Dem., 20,202; F. E. Williams, Rep., 16,918.

PRESENT STATE GOVERNMENT.

Governor, L. N. V. Stephens; Lieutenant-Governor, A. H. Bulte; Secretary of State, A. A. Lesueur; Treasurer, F. L. Pitts; Auditor, J. M. Seibert; Adjutant-General, M. Fred. Bell; Attorney-General, E. C. Crow; Superintendent of Education, W. T. Carrington; Railroad and Warehouse Commissioners, J. Flory, T. J. Hennessey, and W. E. McCully; Secretary State Board of Agriculture, J. R. Rippey; Superintendent of Insurance, E. T. Orear—all Democrats, except J. Flory.

JUDICIARY.

Supreme Court: Chief Justice, James B. Gantt; Associate Jus Ices, Thomas A. Sherwood, Gayton B. Burgess, Theo. Braces, L. B. Valliant, W. C. Marshall, Democrats and Walour M. Robinson, Republican; Clerk, J. R. Green, Dem.

MISSOURI—Continued.

STATE LEGISLATURE, 1899.

|                      |    | Senate. |     | House. |  | Joint Ballot. |  |
|----------------------|----|---------|-----|--------|--|---------------|--|
| Democrats.....       | 25 | 80      | 105 |        |  |               |  |
| Republicans.....     | 9  | 58      | 67  |        |  |               |  |
| People's.....        | .. | 2       | 3   |        |  |               |  |
| Democratic majority. | 16 | 20      | 38  |        |  |               |  |

|                      |         | Dem.    |        | Rep.  |       | Gr.   |       | Pro.  |       | Plu.  |                |
|----------------------|---------|---------|--------|-------|-------|-------|-------|-------|-------|-------|----------------|
| 1876. President..... | 151,474 | 119,195 | *2,429 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 432,237 D      |
| 1876. President..... | 291,077 | 145,029 | 3,498  | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 58,043 D       |
| 1880. President..... | 293,609 | 155,587 | 36,045 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 55,042 D       |
| 1884. President..... | 235,998 | 150,299 | .....  | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 2,053 38,019 D |

|                      |         | U. Lab. |        | Pop.  |          |
|----------------------|---------|---------|--------|-------|----------|
| 1888. President..... | 261,974 | 236,257 | 18,632 | 4,589 | 25,717 D |
| 1892. President..... | 268,398 | 226,918 | 41,213 | 4,331 | 41,480 D |
| 1896. President..... | 363,667 | 304,940 | .....  | 2,169 | 58,727 D |
| 1898. Judge.....     | 285,770 | 255,428 | 9,927  | 2,933 | 30,342 D |

\* Including vote cast for O'Connor, Ind. Dem. † Majority. ‡ Republican and Greenback Fusion vote.

MONTANA.

| COUNTIES.<br>(22.) | PRESIDENT,<br>1898.      |                       |                        | PRESIDENT,<br>1892.     |                         |                      |
|--------------------|--------------------------|-----------------------|------------------------|-------------------------|-------------------------|----------------------|
|                    | Bryan,<br>Dem.<br>& Pop. | Mc-<br>Kinley<br>Rep. | Lev-<br>ering,<br>Pro. | Cleve-<br>land,<br>Dem. | Harris-<br>son,<br>Rep. | Wea-<br>ver,<br>Pop. |
| Beaverhead...      | 1,246                    | 154                   | 7                      | 463                     | 729                     | 155                  |
| Carbon.....        | 739                      | 365                   | ...                    | ...                     | ...                     | ...                  |
| Cascade.....       | 1,920                    | 953                   | 15                     | 1,184                   | 1,295                   | 337                  |
| Choteau.....       | 701                      | 624                   | 6                      | 676                     | 788                     | 35                   |
| Custer.....        | 676                      | 723                   | 5                      | 537                     | 680                     | 66                   |
| Dawson.....        | 177                      | 285                   | 3                      | 268                     | 343                     | 23                   |
| Deer Lodge...      | 4,916                    | 446                   | 8                      | 2,152                   | 1,930                   | 1,319                |
| Fergus.....        | 834                      | 725                   | 3                      | 560                     | 766                     | 31                   |
| Flathead.....      | 1,360                    | 413                   | 6                      | ...                     | ...                     | ...                  |
| Gallatin.....      | 1,649                    | 423                   | 36                     | 1,144                   | 998                     | 80                   |
| Granite.....       | 1,746                    | 61                    | 7                      | ...                     | ...                     | ...                  |
| Jefferson.....     | 2,185                    | 152                   | 1                      | 730                     | 740                     | 447                  |
| Lewis & Clarke     | 4,007                    | 1,057                 | 20                     | 2,093                   | 2,014                   | 1,073                |
| Madison.....       | 1,633                    | 315                   | 10                     | 634                     | 762                     | 151                  |
| Meagher.....       | 1,305                    | 333                   | 1                      | 735                     | 839                     | 292                  |
| Missoula.....      | 2,254                    | 365                   | 6                      | 2,340                   | 2,045                   | 706                  |
| Park.....          | 1,262                    | 328                   | 11                     | 1,048                   | 1,192                   | 123                  |
| Ravalli.....       | 1,542                    | 207                   | 5                      | ...                     | ...                     | ...                  |
| Silver Bow...      | 9,992                    | 1,275                 | 29                     | 2,648                   | 3,251                   | 2,473                |
| Sweetwater...      | 298                      | 292                   | 1                      | ...                     | ...                     | ...                  |
| Teton.....         | 321                      | 293                   | 1                      | ...                     | ...                     | ...                  |
| Valley.....        | 204                      | 175                   | ..                     | ...                     | ...                     | ...                  |
| Yellowstone..      | 575                      | 429                   | 5                      | 369                     | 479                     | 23                   |
| Total.....         | 42,537                   | 10,494                | 186                    | 17,581                  | 18,851                  | 7,334                |
| Plurality.....     | 32,043                   | .....                 | .....                  | .....                   | 1,270                   | .....                |
| Per cent.....      | 80.70                    | 19.13                 | 0.17                   | 39.67                   | 42.54                   | 16.55                |
| Scattering.....    | .....                    | .....                 | .....                  | .....                   | 549                     | .....                |
| Whole vote.        | 53,217                   | .....                 | .....                  | .....                   | 44,315                  | .....                |

Vote for Congress, 1898: A. J. Campbell, Dem., 23,351; T. C. Marshall, Rep., 14,829; T. S. Hogan, Pop., 11,607.

STATE LEGISLATURE, 1899.

The Senate has 6 Republicans, 17 Democrats, 1 Populist; the House 10 Republicans, 56 Democrats, and 4 Silver Republicans.

PRESENT STATE GOVERNMENT.

Governor, Robert B. Smith; Lieutenant-Governor, A. E. Spriggs; Secretary of State, T. S. Hogan; Treasurer, F. E. Collins; Auditor, T. W. Poindexter, Jr.; Attorney-General, C. B. Nolan; Adjutant-General, F. C. English; Supt. Education, E. A. Carleton; Com. Agriculture, J. H. Calderhead—all elected on a Dem.-Pop. fusion ticket except English, Rep., appointed by Governor.

JUDICIARY.

Supreme Court: Chief Justice, Theodore Brantley, Rep.; Justices, W. H. Hunt, Rep.; W. T. Pigott, Dem.; Clerk, Henry G. Rickerts, Dem.

VOTE OF THE STATE SINCE ADMISSION.

|                      |        | Dem.   |        | Rep.  |          | Pro.  |       | Plu.  |       |
|----------------------|--------|--------|--------|-------|----------|-------|-------|-------|-------|
| 1899. Governor.....  | 19,564 | 18,383 | .....  | ..... | .....    | ..... | ..... | ..... | 556 D |
| 1890. Congress.....  | 15,411 | 15,128 | .....  | ..... | .....    | ..... | ..... | ..... | 283 D |
| 1892. President..... | 17,581 | 18,851 | 7,334  | 549   | 1,270 R  | ..... | ..... | ..... | ..... |
| 1892. Governor.....  | 17,650 | 18,187 | 7,794  | 543   | 557 R    | ..... | ..... | ..... | ..... |
| 1894. Congress.....  | 10,369 | 23,140 | 15,240 | 519   | 13,771 R | ..... | ..... | ..... | ..... |
| 1896. President..... | 42,537 | 10,494 | .....  | 186   | 32,046 D | ..... | ..... | ..... | ..... |

NEBRASKA.

NEBRASKA—Continued.

| COUNTIES.<br>(90.) | SUP. CT. JUDGE<br>1899. |               | PRESIDENT,<br>1896. |                       |
|--------------------|-------------------------|---------------|---------------------|-----------------------|
|                    | Hol-<br>comb,<br>Fusion | Reese,<br>Rep | Bryan,<br>Dem.      | Mc-<br>Kinley<br>Rep. |
| Adams.....         | 2,085                   | 1,689         | 2,058               | 1,763                 |
| Antelope.....      | 1,287                   | 861           | 1,258               | 972                   |
| Banner.....        | 94                      | 116           | 130                 | 171                   |
| Blaine.....        | 53                      | 76            | 58                  | 86                    |
| Boone.....         | 1,270                   | 1,151         | 1,381               | 1,098                 |
| Box Butte.....     | 494                     | 446           | 570                 | 436                   |
| Boyd.....          | 751                     | 505           | 653                 | 499                   |
| Brown.....         | 302                     | 348           | 316                 | 376                   |
| Buffalo.....       | 2,194                   | 1,560         | 2,420               | 1,826                 |
| Burt.....          | 1,180                   | 1,594         | 1,247               | 1,579                 |
| Butler.....        | 2,114                   | 1,300         | 2,255               | 1,286                 |
| Cass.....          | 2,254                   | 3,329         | 2,456               | 2,629                 |
| Cedar.....         | 1,511                   | 992           | 1,817               | 1,042                 |
| Chase.....         | 288                     | 289           | 266                 | 244                   |
| Cherry.....        | 641                     | 655           | 690                 | 600                   |
| Cheyenne.....      | 418                     | 514           | 506                 | 434                   |
| Clay.....          | 1,933                   | 1,623         | 1,744               | 1,668                 |
| Colfax.....        | 1,268                   | 719           | 1,422               | 921                   |
| Cuming.....        | 1,672                   | 957           | 1,760               | 1,309                 |
| Custer.....        | 2,216                   | 1,726         | 2,489               | 1,475                 |
| Dakota.....        | 655                     | 574           | 924                 | 618                   |
| Dawes.....         | 692                     | 531           | 943                 | 822                   |
| Dawson.....        | 1,423                   | 1,194         | 1,426               | 1,109                 |
| Deuel.....         | 261                     | 275           | 280                 | 301                   |
| Dixon.....         | 1,081                   | 955           | 1,299               | 933                   |
| Dodge.....         | 2,140                   | 1,869         | 2,080               | 2,382                 |
| Douglas.....       | 10,392                  | 9,528         | 11,722              | 12,271                |
| Dundy.....         | 283                     | 255           | 285                 | 273                   |
| Fillmore.....      | 1,909                   | 1,578         | 1,739               | 1,666                 |
| Franklin.....      | 1,179                   | 833           | 1,033               | 825                   |
| Frontier.....      | 985                     | 277           | 1,022               | 771                   |
| Furnas.....        | 1,497                   | 1,306         | 1,483               | 1,145                 |
| Gage.....          | 2,611                   | 3,297         | 2,708               | 3,637                 |
| Garfield.....      | 224                     | 193           | 222                 | 147                   |
| Gosper.....        | 596                     | 425           | 689                 | 415                   |
| Grant.....         | 68                      | 106           | 100                 | 81                    |
| Greely.....        | 768                     | 320           | 780                 | 387                   |
| Hall.....          | 1,849                   | 1,800         | 1,842               | 1,910                 |
| Hamilton.....      | 1,628                   | 1,350         | 1,563               | 1,376                 |
| Harlan.....        | 1,207                   | 779           | 1,149               | 833                   |
| Hayes.....         | 318                     | 254           | 285                 | 301                   |
| Hitchcock.....     | 504                     | 419           | 489                 | 420                   |
| Holt.....          | 1,489                   | 1,015         | 1,426               | 875                   |
| Hooker.....        | 26                      | 30            | 40                  | 10                    |
| Howard.....        | 1,237                   | 717           | 1,228               | 686                   |
| Jefferson.....     | 1,494                   | 1,501         | 1,513               | 1,653                 |
| Johnson.....       | 1,091                   | 1,249         | 1,245               | 1,402                 |
| Kearney.....       | 1,214                   | 843           | 1,178               | 954                   |
| Keith.....         | 257                     | 212           | 267                 | 179                   |
| Keya Paha.....     | 320                     | 294           | 297                 | 183                   |
| Kimball.....       | 63                      | 108           | 62                  | 99                    |
| Knox.....          | 1,709                   | 1,070         | 1,591               | 1,055                 |
| Lancaster.....     | 4,695                   | 5,656         | 5,674               | 6,428                 |
| Lincoln.....       | 1,152                   | 1,221         | 1,355               | 1,076                 |
| Logan.....         | 101                     | 78            | 128                 | 73                    |
| Loup.....          | 114                     | 119           | 133                 | 115                   |
| Madison.....       | 1,435                   | 1,561         | 1,713               | 1,338                 |
| McPherson.....     | 34                      | 43            | 44                  | 37                    |
| Merrick.....       | 1,053                   | 1,029         | 1,019               | 974                   |
| Nance.....         | 854                     | 757           | 963                 | 736                   |
| Nemaha.....        | 1,652                   | 1,316         | 1,928               | 1,439                 |
| Nuckolls.....      | 1,431                   | 1,170         | 1,354               | 1,121                 |
| Otoe.....          | 1,421                   | 1,976         | 2,551               | 2,378                 |
| Pawnee.....        | 1,059                   | 1,357         | 1,163               | 1,488                 |
| Perkins.....       | 206                     | 152           | 224                 | 165                   |
| Phelps.....        | 1,239                   | 1,020         | 1,188               | 964                   |
| Pierce.....        | 841                     | 635           | 958                 | 630                   |
| Platte.....        | 1,901                   | 1,121         | 2,187               | 1,333                 |
| Polk.....          | 1,496                   | 757           | 1,500               | 819                   |
| Red Willow.....    | 1,030                   | 1,012         | 1,012               | 974                   |
| Richardson.....    | 2,319                   | 2,296         | 2,531               | 2,372                 |
| Rock.....          | 245                     | 368           | 324                 | 349                   |
| Saline.....        | 2,005                   | 1,683         | 2,009               | 2,061                 |
| Sarpy.....         | 639                     | 560           | 1,187               | 647                   |
| Saunders.....      | 2,537                   | 1,685         | 2,715               | 2,105                 |
| Scott's Bluff..... | 220                     | 297           | 244                 | 329                   |
| Seward.....        | 1,786                   | 1,559         | 1,870               | 1,685                 |
| Sheridan.....      | 747                     | 471           | 885                 | 525                   |
| Sherman.....       | 712                     | 396           | 850                 | 433                   |
| Sioux.....         | 250                     | 111           | 305                 | 154                   |

| COUNTIES.       | SUP. CT. JUDGE<br>1899. |                | PRESIDENT,<br>1896. |                       |
|-----------------|-------------------------|----------------|---------------------|-----------------------|
|                 | Hol-<br>comb,<br>Fusion | Reese,<br>Rep. | Bryan,<br>Dem.      | Mc-<br>Kinley<br>Rep. |
| Stanton.....    | 799                     | 613            | 832                 | 659                   |
| Thayer.....     | 1,575                   | 1,564          | 1,361               | 1,516                 |
| Thomas.....     | 75                      | 60             | 80                  | 33                    |
| Thurston.....   | 739                     | 467            | 714                 | 504                   |
| Valley.....     | 895                     | 713            | 887                 | 692                   |
| Washington..... | 1,327                   | 1,309          | 1,439               | 1,559                 |
| Wayne.....      | 911                     | 923            | 1,107               | 993                   |
| Webster.....    | 1,390                   | 1,118          | 1,343               | 1,118                 |
| Wheeler.....    | 155                     | 88             | 169                 | 96                    |
| York.....       | 1,889                   | 1,953          | 1,796               | 1,910                 |
| Total.....      | 109320                  | 94,213         | 115880              | 102304                |
| Plurality.....  | 15,107                  |                | 13,576              |                       |
| Per cent.....   | 53.71                   | 45.29          | 51.93               | 45.89                 |
| Scattering..... |                         |                |                     | 5,061                 |
| Whole vote..... | 203,532                 |                | 223,245             |                       |

The scattering vote in 1896 was: Palmer, 2,885; Levering, 1,193; Bentley, 797; Matchett, 186.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

I. Counties of Cass, Johnson, Lancaster, Nemaha, Otoe, Pawnee, and Richardson. James Manahan, Fus., 14,466; Elmer J. Burkett, Rep., 16,960; F. Hermann, Soc. L., 50. Burkett's plurality, 2,494.

II. Counties of Douglas, Sarpy, and Washington. Gilbert M. Hitchcock, Fus., 10,723; David H. Mercer, Rep., 11,951. Mercer's majority, 1,228.

III. Counties of Antelope, Boone, Burt, Cedar, Colfax, Cuming, Dakota, Dixon, Dodge, Knox, Madison, Merrick, Nance, Pierce, Platte, Stanton, Thurston, and Wayne. John S. Robinson, Fus., 18,722; Wilbur F. Norris, Rep., 17,333. Robinson's majority, 1,389.

IV. Counties of Butler, Gage, Fillmore, Hamilton, Jefferson, Polk, Saline, Saunders, Seward, Thayer, and York. Wm. L. Stark, Fus., 18,904; Edmund H. Hinshaw, Rep., 18,377. Stark's majority, 527.

V. Counties of Adams, Chase, Clay, Dundy, Franklin, Frontier, Furnas, Gosper, Hall, Harlan, Hayes, Hitchcock, Kearney, Nuckolls, Perkins, Phelps, Red Willow, and Webster. R. D. Sutherland, Fus., 16,354; Clarendon E. Adams, Rep., 15,487; J. A. Armstrong, Pro., 27. Sutherland's plurality, 867.

VI. Counties of Arthur, Banner, Blaine, Box Butte, Brown, Buffalo, Cheyenne, Cherry, Custer, Dawes, Dawson, Deuel, Garfield, Grant, Greely, Holt, Hooker, Howard, Keya Paha, Keith, Kimball, Lincoln, Logan, Loup, McPherson, Rock, Scott's Bluff, Sheridan, Sherman, Sioux, Thomas, Valley, and Wheeler. W. L. Green, Fus., 15,415; Norris Browne, Rep., 13,401. Green's majority, 2,014.

PRESENT STATE GOVERNMENT.

Governor, William A. Poynter; Lieutenant-Governor, E. A. Gilbert; Secretary of State, W. F. Porter; Treasurer, J. B. Meserve; Auditor, J. F. Cornell; Attorney-General, C. J. Smythe; Adjutant-General, P. H. Barry; Superintendent of Education, W. R. Jackson—all Populists, except Gilbert, Silver Republican, and Smythe, Democrat.

JUDICIARY.

Supreme Court: Chief Justice, T. L. Nerval, Rep.; Justices, J. J. Sullivan, Dem., and S. A. Holcomb, Fusion; Clerk, D. A. Campbell, Rep.

NEBRASKA—Continued.

| STATE LEGISLATURE, 1900. |         |        |               |
|--------------------------|---------|--------|---------------|
|                          | Senate. | House. | Joint Ballot. |
| Republicans.....         | 19      | 62     | 81            |
| Democrats.....           | 11      | 45     | 56            |
| Ind. Rep.....            | 1       | 2      | 3             |
| Republican majority      | 7       | 15     | 22            |

VOTE OF THE STATE SINCE 1872.

|                             | Dem.    | Rep.    | Gr.    | Pro   | Plu.      |
|-----------------------------|---------|---------|--------|-------|-----------|
| 1872. President             | 7,705   | 18,742  | .....  | ..... | *10,540 R |
| 1876. President             | 17,554  | 31,316  | .....  | ..... | *14,362 R |
| 1880. President             | 25,523  | 54,979  | 3,950  | ..... | 26,546 R  |
| 1884. President             | 154,591 | 76,903  | .....  | 2,899 | 22,512 R  |
| 1888. President             | 80,552  | 108,425 | 4,226  | 9,429 | 27,873 R  |
| Pop.                        |         |         |        |       |           |
| 1892. President             | 24,943  | 87,213  | 83,154 | 4,902 | 4,093 R   |
| 1894. Governor              | 97,815  | 94,913  | 6,955  | ..... | 3,202 D-P |
| Dem. - Pop. Rep. N. D. Pro. |         |         |        |       |           |
| 1896. President             | 115,890 | 102,304 | 2,885  | 1,183 | 13,576 D  |
| 1897. Snp. J.....           | 103,828 | 89,069  | 718    | 1,625 | 13,819 F  |
| 1898. Governor              | 95,703  | 92,952  | .....  | 1,724 | 2,721 F   |
| 1899. Snp. J.....           | 109,320 | 94,213  | .....  | ..... | 15,107 F  |

\* Majority. † Democratic and Greenback Fusion.

NEVADA.

| COUNTIES.<br>(14.) | GOVERNOR,<br>18-8.    |                       |                    | PRESIDENT,<br>1895.       |                |                         |
|--------------------|-----------------------|-----------------------|--------------------|---------------------------|----------------|-------------------------|
|                    | Rus-<br>sell,<br>Dem. | Mc-<br>Millen<br>Rep. | Sadler,<br>Silver. | M. Cul-<br>lough,<br>Pop. | Bryan,<br>Dem. | Mc-<br>Kinley<br>& Pop. |
| Churchill.....     | 53                    | 95                    | 38                 | 7                         | 156            | 47                      |
| Douglas.....       | 60                    | 209                   | 142                | 20                        | 265            | 175                     |
| Elko.....          | 421                   | 324                   | 499                | 65                        | 1,011          | 127                     |
| Emeralda.....      | 65                    | 158                   | 191                | 21                        | 397            | 69                      |
| Eureka.....        | 75                    | 134                   | 326                | 20                        | 553            | 22                      |
| Humboldt.....      | 272                   | 284                   | 349                | 47                        | 749            | 98                      |
| Lander.....        | 182                   | 85                    | 199                | 15                        | 484            | 36                      |
| Lincoln.....       | 297                   | 111                   | 259                | 36                        | 848            | 30                      |
| Lyon.....          | 93                    | 301                   | 199                | 18                        | 482            | 113                     |
| Nye.....           | 46                    | 31                    | 147                | 15                        | 228            | 12                      |
| Ormsby.....        | 61                    | 370                   | 395                | 16                        | 566            | 284                     |
| Storey.....        | 148                   | 596                   | 346                | 29                        | 1,149          | 372                     |
| Washoe.....        | 191                   | 705                   | 284                | 507                       | 1,068          | 513                     |
| White Pine.....    | 102                   | 145                   | 184                | 17                        | 311            | 40                      |
| Total.....         | 2,060                 | 3,548                 | 3,570              | 833                       | 8,377          | 1,938                   |
| Plurality.....     | .....                 | .....                 | 22                 | .....                     | 6,459          | .....                   |
| Per cent.....      | 20.57                 | 35.44                 | 35.66              | .83                       | 61.21          | 18.79                   |
| Scattering.....    | .....                 | .....                 | .....              | .....                     | .....          | .....                   |
| Whole vote.        | 10,011                | .....                 | .....              | .....                     | 10,515         | .....                   |

Bryan's Democratic vote in 1896 was 7,802; his Populist vote, 375.

The vote for Representative in Congress in 1898 was: Francis G. Newlands, Silver Dem., 5,796; Thomas Wrenn, Pop., 3,111.

PRESENT STATE GOVERNMENT.

Governor, Reinhold Sadler; Lieutenant-Governor, J. R. Judge; Secretary of State, Eugene Howell; Treasurer, D. M. Ryan; Comptroller, S. P. Davis; Superintendent of Public Instruction, Orvis Ring; Adjutant-General, J. R. Judge, ex officio; Attorney-General, W. D. Jones—all Silver party except Ring, Rep.

STATE LEGISLATURE, 1899.

|                   | Senate. | House. | Joint Ballot. |
|-------------------|---------|--------|---------------|
| Democrat.....     | 1       | .....  | 1             |
| Republicans.....  | 4       | 10     | 14            |
| Silverites.....   | 9       | 17     | 26            |
| Independents..... | 1       | 3      | 4             |

JUDICIARY.

Supreme Court: Chief Justice, M. S. Bonfield; Justices, W. A. Massey, C. H. Belknap; Clerk, ex officio, Eugene Howell—all of the Silver party

VOTE OF THE STATE SINCE 1872.

|                     | Dem.  | Rep.   | Pop.  | Silver. | Plu.    |
|---------------------|-------|--------|-------|---------|---------|
| 1872. President.... | 7,847 | 7,136  | ..... | .....   | 501 D   |
| 1876. President.... | 9,303 | 10,383 | ..... | .....   | 1,075 R |
| 1880. President.... | 9,611 | 8,732  | ..... | .....   | 879 D   |
| 1884. President.... | 5,578 | 7,133  | ..... | .....   | 1,615 R |
| 1888. President.... | 5,326 | 7,229  | ..... | .....   | 1,905 R |
| 1892. President.... | 714   | 2,811  | 7,264 | .....   | 4,453 P |
| 1894. Governor....  | 678   | 3,861  | 711   | 5,223   | 3,362 S |
| 1896. President.... | ..... | 1,938  | ..... | 8,377   | 6,439 S |
| 1898. Governor....  | 2,060 | 3,548  | 833   | 3,570   | 22 S    |

NEW JERSEY.

| COUNTIES.<br>(21.) | GOVERNOR,<br>18-8. |                        | PRESIDENT,<br>1895. |                         |                       |                        |
|--------------------|--------------------|------------------------|---------------------|-------------------------|-----------------------|------------------------|
|                    | Crane,<br>Dem.     | Voor-<br>hees,<br>Rep. | Bryan,<br>Dem.      | Mc-<br>Kinley<br>& Pop. | Pal-<br>mer,<br>N. D. | Lev-<br>ering,<br>Pro. |
| Atlantic.....      | 2,830              | 4,107                  | 2,533               | 5,005                   | 119                   | 200                    |
| Bergen.....        | 6,355              | 6,964                  | 5,531               | 8,545                   | 451                   | 118                    |
| Burlington.....    | 5,437              | 6,819                  | 4,610               | 9,371                   | 406                   | 306                    |
| Camden.....        | 6,807              | 10,912                 | 6,380               | 16,395                  | 280                   | 390                    |
| Cape May.....      | 1,166              | 1,726                  | 929                 | 2,136                   | 50                    | 135                    |
| Cumberland.....    | 3,766              | 5,442                  | 3,877               | 7,018                   | 78                    | 487                    |
| Essex.....         | 27,575             | 32,262                 | 20,509              | 42,587                  | 4                     | 540                    |
| Gloucester.....    | 2,958              | 3,772                  | 2,981               | 4,727                   | 77                    | 216                    |
| Hudson.....        | 33,023             | 22,134                 | 28,133              | 33,626                  | 927                   | 207                    |
| Hunterdon.....     | 4,856              | 3,182                  | 4,992               | 4,264                   | 93                    | 289                    |
| Mercer.....        | 8,711              | 10,028                 | 5,970               | 13,847                  | 430                   | 400                    |
| Middlesex.....     | 7,647              | 6,949                  | 5,976               | 9,304                   | 350                   | 149                    |
| Monmouth.....      | 9,193              | 8,108                  | 7,799               | 10,611                  | 474                   | 294                    |
| Morris.....        | 5,791              | 6,526                  | 4,936               | 8,190                   | 331                   | 468                    |
| Ocean.....         | 1,319              | 1,753                  | 1,068               | 3,384                   | 80                    | 123                    |
| Passaic.....       | 10,418             | 11,147                 | 9,280               | 15,437                  | 357                   | 233                    |
| Salem.....         | 2,927              | 3,109                  | 2,802               | 5,717                   | 67                    | 247                    |
| Somerset.....      | 3,182              | 3,529                  | 2,608               | 4,288                   | 169                   | 126                    |
| Sussex.....        | 3,165              | 2,452                  | 2,975               | 3,045                   | 49                    | 123                    |
| Union.....         | 7,032              | 9,272                  | 6,073               | 11,707                  | 529                   | 224                    |
| Warren.....        | 4,393              | 2,857                  | 5,013               | 4,063                   | 62                    | 344                    |
| Total.....         | 155,362            | 164,051                | 133,675             | 221,367                 | 6,373                 | 5,614                  |
| Plurality.....     | .....              | 5,499                  | .....               | 87,692                  | .....                 | .....                  |
| Per cent.....      | 47.26              | 48.90                  | 36.03               | 59.66                   | 1.72                  | 1.51                   |
| Scattering.....    | .....              | 12,842                 | .....               | 3,985                   | .....                 | .....                  |
| Whole vote.        | 355,445            | .....                  | .....               | 371,014                 | .....                 | .....                  |

The scattering vote for Governor in 1898 was: Landon, Pro., 6,89; Maguire, Soc. L., 5,478; and Schrayshuen, Pop., 491.

In 1897 an amendment prohibiting racecourse bookmaking was adopted by a vote of 7,443 to 69,642. An amendment extending suffrage for school officers to women was defeated by a vote of 75,170 to 65,021.

The scattering vote in 1896 was for Matchett, Soc. L.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

I. Counties of Camden, Cape May, Cumberland, Gloucester, and Salem. S. Fredell, Dem., 18,092; H. C. Loudenslager, Rep., 23,864; G. J. Haven, Pro., 1,859; F. F. Mills, Soc. L., 164. Loudenslager's plurality, 5,772.

II. Counties of Atlantic, Burlington, Mercer, and Ocean. John F. Hall, Dem., 17,367; J. J. Gardner, Rep., 24,035; J. J. Currie, Pro., 1,294; J. P. Weigel, Soc. L., 153. Gardner's plurality, 6,668.

III. Counties of Middlesex, Monmouth, and Somerset. P. Convery, Dem., 18,683; B. F. Howell, Rep., 19,512; O. B. Bird, Pro., 670; F. W. Williams, Soc. L., 183. Howell's plurality, 829.

IV. Counties of Hunterdon, Morris, Sussex, and Warren. J. S. Salmon, Dem., 17,866; J. I. B. Reiley, Rep., 15,207; F. P. Lefferts, Pro., 1,571; F. Campbell, Soc. L., 70. Salmon's plurality, 2,659.

V. Counties of Bergen and Passaic. F. J. Marley, Dem., 16,342; J. F. Stewart, Rep., 18,367; C. H. Stocking, Pro., 354; L. A. Magnet, Soc. L., 1,270. Stewart's plurality, 2,025.

VI. Newark City (part of Essex County). H. G. Atwater, Dem., 20,150; R. W. Parker, Rep., 23,843; D. B. Raub, Pro., 395; H. Carless, Soc. L., 1,035. Parker's plurality, 3,693.

VII. Part of Hudson County. W. D. Daly, Dem., 30,270; Z. K. Pangborn, Rep., 20,162; J. W. Brown, Pro., 258; G. P. Herrschaft, Soc. L., 1,723. Daly's plurality, 10,108.

VIII. County of Union and parts of Essex and Hudson. E. H. Snyder, Dem., 15,878; C. N. Fowler, Rep., 20,290; J. C. Davis, Pro., 561; W. J. Campbell, Soc. L., 740. Fowler's plurality, 4,452.



NEW JERSEY—Continued.

PRESENT STATE GOVERNMENT.

Governor, Foster M. Voorhees; Secretary of State, George W. Wisn; Treasurer, G. B. Swain; Comptroller, W. S. Hancock; Attorney-General, Samuel H. Grey; Adjutant-General, W. S. Stryker; Superintendent of Education, C. J. Baxter; Commissioner of Banking and Insurance, William Bettie—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, W. J. Magie, Rep.; Justices, D. A. Depue Rep.; J. Dixon, Rep.; E. Vansyckel, Dem.; C. G. Garrison Dem.; J. H. Lippincott, Dem.; W. S. Gummere, Rep.; G. C. Ludlow, Dem.; Gilbert Collins, Rep.; Clerk, William Riker, Jr. Rep.

Court of Errors and Appeals: Judges, J. W. Bogart, G. Krueger, Frederic Adams, W. H. Vredenburg, Charles E. Hendrickson, James H. Nixon; Chancellor, A. T. McGill, and the Supreme Court Justices.

STATE LEGISLATURE, 1900.

Senate. Assembly. Joint Ballot.

|                     |    |    |    |
|---------------------|----|----|----|
| Republicans.....    | 14 | 44 | 58 |
| Democrats.....      | 7  | 16 | 23 |
| Republican majority | 7  | 28 | 35 |

VOTE OF THE STATE SINCE 1872.

|                   | Dem.    | Rep.    | Gr.   | Pro   | Plu.      |
|-------------------|---------|---------|-------|-------|-----------|
| 1872. President.. | 76,800  | 91,656  | ....  | ....  | *14,860 R |
| 1876. President.. | 115,962 | 103,517 | 714   | ....  | 12,445 D  |
| 1880. President.. | 122,565 | 120,556 | 2,617 | 191   | 2,010 D   |
| 1884. President.. | 127,778 | 123,396 | 3,456 | 6,153 | 4,412 D   |
| 1888. President.. | 151,493 | 144,344 | ....  | 7,904 | 7,149 D   |

|                   | Soe. Lab. |         | N. D. |       |          |
|-------------------|-----------|---------|-------|-------|----------|
| 1892. President.. | 171,042   | 156,068 | 1,337 | 8,131 | 14,974 D |
| 1896. President.. | 133,675   | 221,367 | 6,373 | 5,614 | 87,692 R |
| 1898. Governor..  | 153,552   | 164,051 | ....  | 6,893 | 5,499 R  |

\*Majority.

NEW HAMPSHIRE.

| COUNTIES.<br>(10.) | GOVERNOR,<br>1898. |                  | PRESIDENT,<br>1896. |                   |                  |                   |      |
|--------------------|--------------------|------------------|---------------------|-------------------|------------------|-------------------|------|
|                    | Stone,<br>Dem.     | Rollins,<br>Rep. | Bryan,<br>Dem.      | McKinley,<br>Rep. | Palmer,<br>N. D. | Levering,<br>Pro. |      |
| Belknap.....       | 2,526              | 2,224            | 978                 | 3,465             | 263              | 268               | 58   |
| Carroll.....       | 1,819              | 2,341            | 1,214               | 2,800             | 175              | 57                | 57   |
| Cheshire.....      | 1,963              | 3,475            | 1,272               | 4,818             | 231              | 45                | 35   |
| Cook.....          | 2,478              | 2,666            | 1,489               | 3,253             | 149              | 35                | 45   |
| Grafton.....       | 2,541              | 4,881            | 2,306               | 6,196             | 459              | 199               | 199  |
| Hillsborough..     | 8,853              | 9,574            | 4,865               | 13,080            | 917              | 144               | 144  |
| Merrimack....      | 5,474              | 6,405            | 3,310               | 7,715             | 562              | 155               | 155  |
| Rockingham...      | 4,288              | 6,619            | 2,992               | 7,881             | 390              | 87                | 87   |
| Strafford.....     | 3,248              | 4,496            | 2,259               | 5,483             | 173              | 62                | 62   |
| Sullivan.....      | 1,458              | 2,046            | 1,045               | 2,750             | 201              | 27                | 27   |
| Total.....         | 35,653             | 44,720           | 21,650              | 57,444            | 3,520            | 779               | 779  |
| Plurality.....     | ....               | 9,077            | ....                | 35,794            | ....             | ....              | .... |
| Per cent.....      | 45.25              | 54.26            | 35.82               | 68.65             | 4.20             | 0.93              | 0.93 |
| Scattering.....    | 2,050              | ....             | ....                | ....              | ....             | ....              | .... |
| Whole vote..       | 82,433             | ....             | ....                | ....              | ....             | ....              | .... |

Bryan received 21,271 votes on the Democratic and 879 on the Populist electoral ticket.

The scattering vote for President in 1896 was: Bentley, Nat. Pro., 49; Matchett, Soc. L., 223.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.  
I. E. J. Knowlton, Dem., 13,518; C. A. Sulloway, Rep., 21,373; Vail, Pro., 550; Mellen, Soc. Dem., 194; Arnstein, Soc. L., 309. Sulloway's plurality, 2,855.

II. W. F. Daniell, Dem., 17,266; F. G. Clarke, Rep., 22,395; Berry, Pro., 550; Blodgett, Pop., 56; scattering, 74. Clarke's plurality, 5,129.

PRESENT STATE GOVERNMENT.

Governor, Frank W. Rollins; Secretary of State, Edward N. Pearson; Treasurer, Solon A. Carter; Adjutant-General, A. D. Ayling; Attorney-General, Edwin G. Eastman—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, Isaac N. Blod-

NEW HAMPSHIRE—Continued.

gett, Dem.; Associate Justices, William M. Chase, Dem.; Frank N. Parsons, Rep.; Robert G. Pike, Rep.; R. R. Wallace, Rep.; Robert J. Peaslee, Dem., and John E. Young, Rep.; Clerk, A. J. Shurtleff, Rep.

STATE LEGISLATURE, 1899.

Senate. House. Joint Ballot.

|                     |    |     |     |
|---------------------|----|-----|-----|
| Republicans.....    | 22 | 249 | 271 |
| Democrats.....      | 2  | 149 | 151 |
| Republican majority | 20 | 100 | 120 |

VOTE OF THE STATE SINCE 1876.

|                   | Dem.   | Rep.   | Gr.   | Pro.  | Plu.     |
|-------------------|--------|--------|-------|-------|----------|
| 1876. President.. | 38,509 | 41,559 | ....  | ....  | 3,030 R  |
| 1880. President.. | 40,794 | 44,852 | 523   | ....  | 4,065 R  |
| 1884. President.. | 39,187 | 43,250 | 1,571 | 552   | 4,065 R  |
| 1888. President.. | 43,352 | 45,724 | ....  | 1,566 | 2,342 R  |
| 1892. President.. | 42,081 | 45,658 | 292   | 1,297 | 3,547 R  |
| 1896. Governor..  | 28,323 | 48,387 | ....  | ....  | 20,054 R |
| 1898. President.. | 21,650 | 57,444 | 3,520 | 779   | 85,744 R |
| 1898. Governor..  | 35,653 | 44,730 | ....  | 104   | 9,077 R  |

NEW MEXICO.

| COUNTIES.<br>(18.) | CONGRESS,<br>1898.  |                | CONGRESS,<br>1896.  |                 | Dame,<br>Silver. |
|--------------------|---------------------|----------------|---------------------|-----------------|------------------|
|                    | Per-gusson,<br>Dem. | Perea,<br>Rep. | Per-gusson,<br>Dem. | Catron,<br>Rep. |                  |
| Bernalillo....     | 2,114               | 2,550          | 2,049               | 2,699           | 23               |
| Chaves.....        | 417                 | 146            | 418                 | 101             | 18               |
| Colfax.....        | 1,181               | 727            | 1,272               | 604             | 6                |
| Doña Ana.....      | 1,154               | 1,286          | 1,258               | 1,045           | ....             |
| Eddy.....          | 321                 | 126            | 412                 | 120             | ....             |
| Grant.....         | 1,215               | 608            | 1,407               | 455             | 1                |
| Guadalupe....      | 397                 | 598            | 502                 | 460             | ....             |
| Lincoln.....       | 610                 | 536            | 769                 | 464             | ....             |
| Mora.....          | 1,114               | 1,147          | 1,112               | 1,112           | ....             |
| Rio Arriba....     | 1,084               | 1,684          | 1,248               | 1,496           | ....             |
| San Juan.....      | 450                 | 182            | 445                 | 125             | ....             |
| San Miguel....     | 2,193               | 2,462          | 2,334               | 2,332           | 4                |
| Santa Fe.....      | 1,339               | 1,673          | 1,641               | 1,584           | 12               |
| Sierra.....        | 495                 | 317            | 677                 | 168             | ....             |
| Socorro.....       | 1,150               | 1,047          | 1,445               | 1,205           | ....             |
| Taos.....          | 968                 | 1,409          | 1,193               | 104             | ....             |
| Union.....         | 512                 | 535            | 524                 | 375             | ....             |
| Valencia.....      | 45                  | 1,659          | 206                 | 1,615           | 1                |
| Total.....         | 16,659              | 18,722         | 18,948              | 17,117          | 66               |
| Plurality.....     | ....                | 2,063          | 1,931               | ....            | ....             |
| Per cent.....      | 47.06               | 52.91          | 52.58               | 47.23           | 0.19             |
| Whole vote..       | 35,381              | ....           | ....                | ....            | ....             |

PRESENT TERRITORIAL GOVERNMENT.

Governor, Miguel A. Otero, Rep.; Secretary, George H. Wallace, Rep.; Treasurer, J. H. Vaughn, Rep.; Auditor, L. M. Ortiz, Rep.; Adjutant-General, W. H. Whiteman, Rep.; Attorney-General, E. L. Bartlett, Rep.; Supt. Education, M. C. de Baca, Rep.

JUDICIARY.

Supreme Court: Chief Justice, William J. Mills; Associate Justices, John R. McFee, J. W. Crumpacker, F. W. Parker, and C. C. Leland; Clerk, Jose D. Sena—all Republicans.

TERRITORIAL LEGISLATURE.

The Territorial Legislature has 6 Democrats and 30 Republicans in the two branches.

VOTE OF THE TERRITORY SINCE 1878.

|           | Dem.   | Rep.   | Mag.    |         |
|-----------|--------|--------|---------|---------|
| 1878..... | 9,067  | 9,739  | 672 R   |         |
| 1880..... | 9,562  | 10,835 | 1,273 R |         |
| 1882..... | 13,378 | 15,062 | 1,684 R |         |
| 1884..... | 12,271 | 15,122 | 2,851 R |         |
| 1886..... | 16,225 | 12,347 | 3,888 D |         |
| 1888..... | 16,181 | 14,481 | 1,660 D |         |
| 1890..... | 17,206 | 15,142 | 2,064   |         |
| 1892..... | 15,799 | 16,220 | 579 D   |         |
| 1894..... | Dem.   | Rep.   | Pop.    | Plu.    |
| 1894..... | 15,351 | 15,113 | 1,935   | 2,762 R |
| 1896..... | 18,948 | 17,017 | 66      | 1,931 D |
| 1898..... | 16,659 | 18,722 | ....    | 2,063 R |

## NEW YORK.

## VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

## Districts

- I. Counties of Suffolk and Nassau, and Queens Boro, N. Y. City, Townsend Scudder, Dem., 22,893; Joseph M. Belford, Rep., 22,483; C. W. McCullough, Soc. L., 84; H. M. Randall, Pro., 557.
- II. City of New York, Brooklyn Boro (1st, 2d, 5th, 6th, 7th, 11th, and 20th Wards). John J. Fitzgerald, Dem., 18,431; Denis M. Hurley, Rep., 14,323; Peter Larsen, Soc. L., 246; William Passage, Pro., 109.
- III. City of New York, Brooklyn Boro (3d, 4th, 9th, 10th, 29th, Wards, and part of 22d and 23d Wards, Edmund H. Driggs, Dem., 20,995; Wm. A. Prendergast, Rep., 19,872; Joel Gauss, Soc. L., 376; Asa F. Smith, Pro., 137.
- IV. City of New York, Brooklyn Boro (12th, 8th, 24th, 25th, 26th, 30th, 31st 32d Wards, and part of 22d and 23d Wards.) Bertram F. Clayton, Dem., 24,551; I. F. Fischer, Rep., 20,893; Jos. B. Cooper, Soc. L., 880; Benj. Larzelere, Pro., 136.
- V. City of New York, Brooklyn Boro (18th, 21st, 27th, 28th Wards and part of 13th and 19th Wards). Frank C. Wilson, Dem., 19,579; Charles G. Bennett, Rep., 16,669; Gustav Rosenblatt, Soc. L., 1,782; Horatio Berry, Pro., 71.
- VI. City of New York, Brooklyn Boro (14th, 15th, 16th, 17th Wards and part of 13th and 19th Wards). Mitchell May, Dem., 16,215; Henry C. Fischer, Rep., 11,899; Wm. Spooner, Soc. L., 1,029; Isaac Carhart, Pro., 75.
- VII. City of New York (1st and part of 2d and 3d Assembly Districts Manhattan Boro) and Richmond Boro (Staten I.). Nicholas Muller, Dem., 14,122; Chas. W. Townsend, Rep., 6,639; Julius Loos, Soc. L., 203; W. P. F. Ferguson, Pro., 157.
- VIII. City of New York, Manhattan Boro (parts 2d, 3d, 5th, 6th, 7th, 18th, 25th Assembly Districts). D. J. Riordan, Dem., 10,716; J. M. Mitchell, Rep., 7,347; John Nagel, Soc. L., 160; M. M. Palmer, Pro., 23.
- IX. City of New York, Manhattan Boro (4th and 13th, and parts of 2d, 6th, 8th, 10th, 16th Assembly Districts). Thos. J. Bradley, Dem., 11,694; John Stiebling, Rep., 6,447; Lucien Saual, Soc. L., 2,396; G. E. Mayer, Pro., 57.
- X. City of New York, Manhattan Boro (9th and 11th, and parts of 3d, 5th, 7th, 13th, 25th Assembly Districts). Amos J. Cummings, Dem., 18,850; Elijah M. Fisher, Rep., 10,620; Thomas Ceely, Soc. L., 457; George Gethlin, Pro., 87.
- XI. City of New York, Manhattan Boro (14th, and parts of 6th, 8th, 10th, 16th Assembly Districts). William Sulzer, Dem., 14,264; Wm. Volkel, Rep., 6,178; Howard Balkam, Soc. L., 2,310; George H. Mayer, Pro., 27.
- XII. City of New York, Manhattan Boro (20th and parts of 18th, 22d, 25th 27th Assembly Districts). George B. McClellan, Dem., 15,108; Howard Conkling, Rep., 7,710; D. Hesman, Soc. L., 509; W. C. Sheldon, Pro., 35.
- XIII. City of New York, Manhattan Boro (parts of 13th, 15th, 17th, 22d, 24th, 27th, 29th Assembly Districts). Jefferson Lovv, Dem., 17,985; J. W. Perry, Rep., 11,893; J. J. Flick, Soc. L., 643; John McKee, Pro., 58.
- XIV. City of New York, Manhattan Boro (19th, 21st, 26th, and parts of 15th, 17th, 23d, 24th, 27th, 28th, 29th, 31st Assembly Districts). Wm. A. Chaner, Dem., 21,604; Emanuel E. Gering, Rep., 25,209; Emile Neppel, Soc. L., 1,507; Albert Wadhams, Pro., 104.

## NEW YORK—Continued.

- XV. City of New York, Manhattan Boro (30th, 32d, 33d and parts of 23d, 28th, 29th, 31st, 34th Assembly Districts). Jacob Ruppert, Dem., 31,292; Philip B. Low, Rep., 20,848; William Ehret, Soc. L., 1,922; Jeremiah Brooks, Pro., 89.
- XVI. City of New York, Bronx Boro (35th and part of 34th Assembly Districts) and Westchester County. John Q. Underhill, Dem., 49,632; J. Irving Burnis, Rep., 36,559; John J. Kinneally, Soc. L., 1,623; C. F. Jewell, Pro., 432; Wm. A. Cox, Chicago Plat, Dem., 62.
- XVII. Counties of Rockland, Orange, and Sullivan. S. D. Roberson, Dem., 15,564; A. S. Tompkins, Rep., 19,195; Samuel P. Felter, 143; James C. Rider, 549.
- XVIII. Counties of Putnam, Dutchess, and Ulster. Thomas E. Benedict, Dem., 18,248; John H. Ketcham, Rep., 23,276; Lester Howard, 64.
- XIX. Counties of Columbia and Rensselaer. J. H. Livingston, Dem., 19,565; A. V. S. Cochrane, Rep., 19,593; L. A. Boland, Soc. L., 210; Adam T. Myers, Pro., 517.
- XX. County of Albany, M. H. Glynn, Dem., 20,026; G. N. Southwick, Rep., 19,475; J. C. Alexander, 265; O. H. Blodgett, 189.
- XXI. Counties of Greene, Schoharie, Otsego, Montgomery, and Schenectady. Stephen L. Mayhew, Dem., 23,347; John K. Stewart, Rep., 25,561; Arthur Playford, 332; Smith C. Niles, 904.
- XXII. Counties of Fulton, Hamilton, Saratoga, and St. Lawrence. Dennis B. Lucey, Dem., 15,448; Lucius N. Littauer, Rep., 27,083; Miles E. Wilcox, Soc. L., 331; Owen E. Whitney, Pro., 1,342.
- XXIII. Counties of Clinton, Franklin, Essex, Warren, and Washington. Louis W. Emerson, Rep., 25,662; Jonathan E. Hoag, Pro., 993.
- XXIV. Counties of Oswego, Jefferson, and Lewis. E. T. Strickland, Dem., 15,724; Charles A. Chickering, Rep., 23,991; Eugene M. Crabb, 504.
- XXV. Counties of Oneida and Herkimer. Walter Ballou, Dem., 19,160; J. S. Sherman, Rep., 22,568; T. C. Brockway, 858.
- XXVI. Counties of Delaware, Chenango, Broome, Tioga, and Tompkins. E. E. Pease, Dem., 19,199; G. W. Ray, Rep., 30,077; Isaac C. Andrews, Pro., 2,001.
- XXVII. Counties of Otsego and Madison. George H. Gilbert, Dem., 14,207; Michael E. Driscoll, Rep., 26,025; Thomas Crimmins, 2,434; Charles M. Tower, 332; John McCar by, 2,433.
- XXVIII. Counties of Cayuga, Cortland, Ontario, Wayne, and Yates. John H. Young, Dem., 18,531; Sereno E. Payne, Rep., 29,536; John W. Burrus, Pro., 1,375.
- XXIX. Counties of Chemung, Schuyler, Seneca, and Steuben. Albert L. Childs, Dem., 18,311; Charles W. Gillet, Rep., 22,348; C. E. Decker, 1,737.
- XXX. Counties of Genesee, Livingston, Niagara, Orleans, and Wyoming. James T. Gordon, Dem., 18,911; James W. Wadsworth, Rep., 25,799; Alvah Carpenter, Pro., 1,523.
- XXXI. County of Monroe. John C. Fanning, Dem., 17,227; James M. E. O'Grady, Rep., 20,717; F. A. Sieverman, 1,165; B. H. Roberts, 900.
- XXXII. County of Erie (part). William H. Rya, Dem., 15,546; R. B. Mahany, Rep., 14,853.
- XXXIII. County of Erie (part). H. W. Richardson, Dem., 17,333; D. S. Alexander, Rep., 22,924.
- XXXIV. Counties of Allegany, Cattaraugus, and Chautauqua. William J. Sansbury, Dem., 13,668; Warren B. Hooker, Rep., 25,856; A. Y. Freeman, 1,654.

# Election Returns.

## NEW YORK—Continued.

| COUNTIES.<br>(61.)   | GOVERNOR,<br>1898.  |                         |                |                          |                 | CHIEF JUSTICE,<br>1897. |                       |                  |                       |                         | PRESIDENT,<br>1896.   |                       |                             |                           |  |
|----------------------|---------------------|-------------------------|----------------|--------------------------|-----------------|-------------------------|-----------------------|------------------|-----------------------|-------------------------|-----------------------|-----------------------|-----------------------------|---------------------------|--|
|                      | Van<br>Wye,<br>Dem. | Roose-<br>velt,<br>Rep. | Kline,<br>Pro. | Han-<br>ford,<br>Soc. L. | Bacon,<br>Union | Par-<br>ker,<br>Dem.    | Wal-<br>lace,<br>Rep. | Cuno,<br>Soc. L. | Bald-<br>win,<br>Pro. | Bryan,<br>Dem<br>& Pop. | Mc-<br>Kinley<br>Rep. | Pal-<br>mer,<br>N. D. | Lew-<br>er-<br>ing,<br>Pro. | Mat-<br>chett,<br>Soc. L. |  |
| Albany.....          | 20,222              | 19,307                  | 196            | 285                      | 62              | 16,765                  | 17,991                | 279              | 224                   | 17,818                  | 22,263                | 359                   | 207                         | 187                       |  |
| Allegany.....        | 2,953               | 6,129                   | 599            | 28                       | 5               | 2,979                   | 4,686                 | 59               | 573                   | 3,895                   | 7,079                 | 83                    | 447                         | 4                         |  |
| Broome.....          | 5,627               | 9,238                   | 514            | 40                       | 70              | 5,071                   | 6,929                 | 17               | 603                   | 5,481                   | 10,630                | 128                   | 446                         | 9                         |  |
| Cattaraugus.....     | 5,055               | 8,335                   | 416            | 57                       | 17              | 3,164                   | 6,132                 | 40               | 372                   | 6,088                   | 9,837                 | 90                    | 362                         | 12                        |  |
| Cayuga.....          | 5,568               | 8,792                   | 246            | 103                      | 66              | 3,294                   | 6,345                 | 37               | 324                   | 5,846                   | 10,024                | 143                   | 267                         | 30                        |  |
| Chautauqua.....      | 5,294               | 12,014                  | 560            | 65                       | 20              | 3,169                   | 6,495                 | 49               | 510                   | 6,581                   | 14,325                | 135                   | 449                         | 17                        |  |
| Chemung.....         | 6,008               | 5,906                   | 475            | 55                       | 7               | 4,637                   | 5,431                 | 50               | 485                   | 5,259                   | 7,026                 | 92                    | 290                         | 19                        |  |
| Chenango.....        | 3,656               | 5,779                   | 271            | 56                       | 14              | 2,491                   | 4,363                 | 29               | 333                   | 3,973                   | 6,338                 | 104                   | 297                         | 14                        |  |
| Clinton.....         | 4,800               | 4,824                   | 97             | 21                       | 12              | 3,762                   | 3,750                 | 18               | 84                    | 3,074                   | 6,005                 | 54                    | 44                          | 12                        |  |
| Columbia.....        | 5,159               | 5,446                   | 143            | 19                       | 5               | 3,589                   | 4,898                 | 9                | 133                   | 4,375                   | 6,654                 | 177                   | 175                         | 3                         |  |
| Cortland.....        | 2,466               | 4,200                   | 284            | 18                       | 9               | 2,631                   | 3,069                 | 1                | 323                   | 2,574                   | 4,939                 | 55                    | 222                         | 1                         |  |
| Delaware.....        | 4,029               | 6,515                   | 370            | 24                       | 25              | 3,266                   | 4,228                 | 18               | 373                   | 4,450                   | 7,790                 | 94                    | 272                         | 9                         |  |
| Dutchess.....        | 7,929               | 10,527                  | 343            | 53                       | 15              | 6,202                   | 8,790                 | 66               | 519                   | 6,634                   | 12,127                | 244                   | 387                         | 30                        |  |
| Erse.....            | 36,441              | 34,199                  | 505            | 1,493                    | 65              | 34,910                  | 34,755                | 808              | 632                   | 30,172                  | 45,612                | 1,124                 | 463                         | 508                       |  |
| Ft. Senes.....       | 2,273               | 4,325                   | 80             | 19                       | 10              | 1,563                   | 2,715                 | 10               | 45                    | 1,760                   | 5,356                 | 56                    | 38                          | 5                         |  |
| Franklin.....        | 2,474               | 5,267                   | 179            | 16                       | 8               | 1,092                   | 2,921                 | 14               | 154                   | 2,490                   | 6,118                 | 64                    | 143                         | 73                        |  |
| Fulton & Halton..... | 4,492               | 6,444                   | 395            | 193                      | 8               | 3,182                   | 4,421                 | 151              | 397                   | 3,849                   | 7,704                 | 127                   | 890                         | 14                        |  |
| Genesee.....         | 2,716               | 4,060                   | 229            | 25                       | 6               | 1,195                   | 2,548                 | 14               | 200                   | 3,004                   | 5,190                 | 55                    | 181                         | 9                         |  |
| Greene.....          | 4,019               | 4,683                   | 147            | 45                       | 5               | 3,711                   | 3,697                 | 21               | 152                   | 3,585                   | 4,540                 | 85                    | 158                         | 18                        |  |
| Herkimer.....        | 5,527               | 6,705                   | 263            | 61                       | 25              | 5,133                   | 5,348                 | 38               | 276                   | 5,027                   | 8,096                 | 151                   | 261                         | 10                        |  |
| Jefferson.....       | 6,631               | 10,222                  | 510            | 45                       | 14              | 4,436                   | 6,576                 | 25               | 493                   | 6,644                   | 11,411                | 176                   | 607                         | 6                         |  |
| Kings.....           | 10,526              | 83,146                  | 384            | 4,145                    | 275             | 96,124                  | 55,563                | 3,964            | 752                   | 76,882                  | 109,155               | 3,715                 | 463                         | 3,481                     |  |
| Lewis.....           | 2,322               | 3,694                   | 81             | 6                        | 3               | 1,891                   | 2,860                 | 3                | 109                   | 3,462                   | 4,466                 | 51                    | 88                          | 5                         |  |
| Livingston.....      | 2,351               | 5,180                   | 277            | 20                       | 10              | 2,613                   | 3,539                 | 12               | 259                   | 4,101                   | 5,461                 | 75                    | 257                         | 4                         |  |
| Madison.....         | 3,490               | 6,141                   | 320            | 70                       | 13              | 2,000                   | 3,995                 | 63               | 340                   | 3,590                   | 7,598                 | 106                   | 268                         | 32                        |  |
| Monroe.....          | 18,093              | 20,748                  | 714            | 970                      | 93              | 15,595                  | 18,183                | 530              | 485                   | 17,158                  | 26,288                | 395                   | 511                         | 466                       |  |
| Montgomery.....      | 5,491               | 6,296                   | 180            | 74                       | 9               | 4,220                   | 5,504                 | 30               | 234                   | 4,759                   | 7,082                 | 141                   | 111                         | 36                        |  |
| Nassau.....          | 1,153               | 5,415                   | 51             | 28                       | 7               |                         |                       |                  |                       |                         |                       |                       |                             |                           |  |
| New York.....        | 17,347              | 112,800                 | 485            | 10,091                   | 765             | 162,825                 | 71,586                | 10,564           | 854                   | 135,624                 | 156,359               | 5,541                 | 683                         | 10,025                    |  |
| Niagara.....         | 7,074               | 7,602                   | 345            | 61                       | 18              | 4,723                   | 4,805                 | 47               | 270                   | 6,441                   | 8,626                 | 143                   | 267                         | 13                        |  |
| Oneida.....          | 14,077              | 15,449                  | 574            | 280                      | 44              | 9,995                   | 13,566                | 243              | 804                   | 11,006                  | 18,855                | 468                   | 620                         | 161                       |  |
| Onondaga.....        | 13,598              | 19,785                  | 510            | 2,360                    | 17              | 13,851                  | 16,831                | 951              | 487                   | 13,695                  | 25,032                | 236                   | 405                         | 713                       |  |
| Ontario.....         | 4,781               | 6,573                   | 269            | 29                       | 17              | 3,447                   | 5,130                 | 24               | 392                   | 5,485                   | 7,506                 | 126                   | 206                         | 71                        |  |
| Orange.....          | 9,029               | 11,911                  | 332            | 135                      | 18              | 8,637                   | 10,501                | 233              | 373                   | 8,971                   | 14,086                | 249                   | 304                         | 57                        |  |
| Orleans.....         | 2,821               | 4,232                   | 315            | 12                       | 5               | 1,467                   | 2,026                 | 12               | 286                   | 2,993                   | 4,664                 | 35                    | 213                         | 6                         |  |
| Oswego.....          | 6,346               | 10,184                  | 395            | 31                       | 15              | 4,548                   | 7,003                 | 16               | 319                   | 6,401                   | 11,411                | 119                   | 258                         | 3                         |  |
| Otsego.....          | 5,800               | 6,870                   | 348            | 40                       | 20              | 3,945                   | 5,308                 | 54               | 399                   | 5,820                   | 8,161                 | 166                   | 321                         | 9                         |  |
| Putnam.....          | 1,651               | 1,901                   | 36             | 7                        | 3               | 916                     | 1,707                 | 2                | 63                    | 1,027                   | 2,364                 | 53                    | 42                          | 9                         |  |
| Queens.....          | 13,049              | 9,715                   | 43             | 953                      | 36              | 14,718                  | 11,503                | 1,045            | 236                   | 11,980                  | 18,694                | 632                   | 132                         | 774                       |  |
| Rensselaer.....      | 14,693              | 14,089                  | 398            | 212                      | 22              | 12,422                  | 13,409                | 170              | 349                   | 13,119                  | 17,221                | 208                   | 274                         | 92                        |  |
| Richmond.....        | 6,723               | 4,577                   | 113            | 216                      | 24              | 5,972                   | 3,598                 | 155              | 173                   | 4,452                   | 6,170                 | 292                   | 145                         | 138                       |  |
| Rockland.....        | 3,374               | 3,382                   | 52             | 23                       | 8               | 3,353                   | 3,023                 | 19               | 76                    | 3,002                   | 4,356                 | 156                   | 109                         | 11                        |  |
| St. Lawrence.....    | 4,989               | 12,537                  | 458            | 65                       | 11              | 1,975                   | 6,838                 | 47               | 395                   | 5,749                   | 15,287                | 123                   | 377                         | 5                         |  |
| Saratoga.....        | 5,899               | 8,176                   | 395            | 62                       | 17              | 4,494                   | 6,006                 | 24               | 322                   | 4,987                   | 9,938                 | 157                   | 362                         | 17                        |  |
| Schenectady.....     | 4,041               | 4,617                   | 123            | 213                      | 7               | 3,527                   | 3,614                 | 78               | 69                    | 3,711                   | 4,903                 | 103                   | 115                         | 75                        |  |
| Schoharie.....       | 4,310               | 3,557                   | 131            | 10                       | 2               | 3,527                   | 3,217                 | 6                | 146                   | 4,203                   | 3,898                 | 54                    | 135                         | 4                         |  |
| Schuyler.....        | 1,622               | 2,343                   | 193            | 7                        | 2               | 1,248                   | 1,955                 | 7                | 132                   | 1,619                   | 2,992                 | 37                    | 146                         | 1                         |  |
| Seneca.....          | 3,434               | 3,450                   | 90             | 7                        | 7               | 2,728                   | 3,010                 | 12               | 90                    | 3,213                   | 3,832                 | 54                    | 175                         | 3                         |  |
| Steuben.....         | 7,536               | 10,639                  | 888            | 114                      | 16              | 5,489                   | 7,819                 | 40               | 801                   | 7,871                   | 12,585                | 118                   | 657                         | 18                        |  |
| Suffolk.....         | 5,442               | 7,928                   | 440            | 48                       | 11              | 3,296                   | 5,380                 | 74               | 558                   | 3,872                   | 9,288                 | 367                   | 409                         | 61                        |  |
| Sullivan.....        | 3,325               | 3,900                   | 96             | 22                       | 2               | 3,008                   | 3,474                 | 9                | 79                    | 3,073                   | 4,589                 | 86                    | 106                         | 10                        |  |
| Tioga.....           | 2,926               | 4,100                   | 295            | 15                       | 2               | 1,670                   | 3,133                 | 15               | 269                   | 2,224                   | 4,849                 | 40                    | 224                         | 4                         |  |
| Tompkins.....        | 3,094               | 4,516                   | 441            | 20                       | 25              | 2,044                   | 3,321                 | 14               | 397                   | 3,506                   | 5,342                 | 102                   | 240                         | 9                         |  |
| Ulster.....          | 9,174               | 10,678                  | 222            | 36                       | 8               | 9,350                   | 7,905                 | 31               | 247                   | 8,140                   | 11,100                | 143                   | 316                         | 12                        |  |
| Warren.....          | 2,950               | 4,083                   | 137            | 38                       | 9               | 2,400                   | 3,520                 | 13               | 150                   | 2,269                   | 4,685                 | 69                    | 132                         | 7                         |  |
| Washington.....      | 3,400               | 7,117                   | 409            | 27                       | 14              | 1,689                   | 4,338                 | 7                | 278                   | 3,239                   | 8,139                 | 133                   | 260                         | 4                         |  |
| Wayne.....           | 4,280               | 6,919                   | 311            | 16                       | 16              | 2,574                   | 4,805                 | 10               | 228                   | 4,254                   | 8,039                 | 77                    | 220                         | 8                         |  |
| Westchester.....     | 15,010              | 16,653                  | 254            | 637                      | 54              | 12,997                  | 13,371                | 558              | 624                   | 11,752                  | 19,337                | 643                   | 314                         | 388                       |  |
| Wyoming.....         | 2,794               | 4,532                   | 298            | 14                       | 4               | 1,355                   | 2,605                 | 11               | 223                   | 2,706                   | 4,367                 | 67                    | 230                         | 6                         |  |
| Yates.....           | 1,785               | 3,189                   | 193            | 16                       | 8               | 1,861                   | 2,484                 | 22               | 153                   | 2,086                   | 3,370                 | 80                    | 141                         | 3                         |  |
| Total.....           | 643,921             | 661,707                 | 18,383         | 23,860                   | 2,103           | 554,680                 | 493,791               | 20,854           | 19,653                | 551,369                 | 819,858               | 18,950                | 16,052                      | 17,667                    |  |
| Plurality.....       |                     | 17,786                  |                |                          |                 | 60,889                  |                       |                  |                       | 268,469                 |                       |                       |                             |                           |  |
| Per cent.....        | 47.70               | 49.02                   | 1.36           | 1.77                     | 0.15            | 50.93                   | 45.34                 | 1.91             | 1.80                  | 38.76                   | 57.53                 | 1.54                  | 1.13                        | 1.24                      |  |
| Whole vote.....      |                     |                         | 1,349,974      |                          |                 |                         |                       |                  |                       |                         | 1,423,876             |                       |                             |                           |  |

\* Not including blank, defective, and scattering. † Not including 122,080 blank, defective, and scattering.

### VOICE OF THE STATE OF NEW YORK SINCE 1880.

|                   | Dem.    | Rep.    | Gr.    | Pro.   | Plu.    |   | Dem.            | Rep.     | U. Lab. | Pro.   | Plu.   |         |   |
|-------------------|---------|---------|--------|--------|---------|---|-----------------|----------|---------|--------|--------|---------|---|
| 1880. Pres.....   | 534,511 | 555,544 | 12,373 | 1,517  | 21,035  | R | 1889. Sec. Sta  | 505,894  | 485,367 |        | 26,763 | 20,527  | D |
| 1881. Sec. Sta    | 403,843 | 416,915 | 16,018 | 4,445  | 13,022  | R | 1891. Gov.....  | 582,893  | 504,995 | 14,651 | 30,353 | 47,397  | D |
| 1882. Gov.....    | 535,318 | 324,464 | 11,974 | 25,783 | 192,854 | D |                 |          |         |        |        |         |   |
| 1883. Sec. Sta    | 427,525 | 446,103 | 7,221  | 18,816 | 18,583  | R | 1892. Pres..... | *654,865 | 609,350 | 17,956 | 38,190 | 45,518  | D |
| 1884. Pres.....   | 563,048 | 562,601 | 17,002 | 25,001 | 1,047   | D | 1893. Sec. Sta  | 520,614  | 545,098 | 19,964 | 34,241 | 24,484  | R |
| 1885. Gov.....    | 501,465 | 490,331 | 2,130  | 30,867 | 11,134  | D | 1894. Gov.....  | 517,170  | 673,818 | 15,868 | 23,226 | 156,168 | R |
| 1886. Cl. Ap..... | 468,455 | 460,637 | 2,181  | 36,414 | 7,818   | D | 1895. Sec. Sta  | 511,060  | 601,205 | 21,497 | 25,239 | 90,146  | R |
|                   |         |         |        |        |         |   | 1896. Pres..... | 551,269  | 819,338 | 17,667 | 16,052 | 268,469 | R |
|                   |         |         |        |        |         |   | 1897. Ch. Jus.  | 554,680  | 493,791 | 20,854 | 19,653 | 0,839   | D |
|                   |         |         |        |        |         |   | 1898. Gov.....  | 643,921  | 661,707 | 23,860 | 18,383 | 17,786  | R |

\* Populist vote in addition, 18,429. † Populist vote, 11,050. ‡ Populist vote, 11,049. Dem. Reform vote (Wheeler), 27,202. § Populist vote, 6,916. ¶ National Democratic vote, 19,350.

VOTE OF THE CITY OF NEW YORK, 1898 AND 1899.  
BOROUGH OF MANHATTAN AND BRONX.

| ASSEMBLY DISTRICTS. | GOVERNOR, 1898. |                 |                  | SUPREME COURT, 1899. |                |            | SURROGATE, 1899. |              | SHERIFF, 1899. |               | GENERAL SESSIONS, 1899. |                 |
|---------------------|-----------------|-----------------|------------------|----------------------|----------------|------------|------------------|--------------|----------------|---------------|-------------------------|-----------------|
|                     | Van Wyck, Dem.  | Roosevelt, Rep. | Hanford, Soc. L. | Barrett, D. & R.     | O'Gorman, Dem. | Daly, Rep. | Thomas, Dem.     | Varnum, Rep. | Grell, Dem.    | O'Brien, Rep. | Foster, Dem.            | Blanchard, Rep. |
| 1.....              | 3,651           | 1,209           | 36               | 2,773                | 3,078          | 894        | 3,077            | 878          | 3,067          | 910           | 3,071                   | 895             |
| 2.....              | 5,081           | 1,644           | 104              | 5,344                | 4,364          | 1,210      | 4,405            | 1,179        | 4,239          | 1,514         | 4,333                   | 1,208           |
| 3.....              | 4,975           | 2,282           | 76               | 5,586                | 4,062          | 1,680      | 4,091            | 1,651        | 4,015          | 1,754         | 4,039                   | 1,694           |
| 4.....              | 3,880           | 2,095           | 548              | 4,415                | 2,122          | 1,500      | 3,185            | 1,451        | 3,066          | 1,604         | 3,143                   | 1,512           |
| 5.....              | 3,650           | 3,956           | 77               | 6,089                | 3,064          | 3,179      | 3,065            | 3,187        | 3,051          | 3,183         | 3,031                   | 3,210           |
| 6.....              | 5,727           | 2,228           | 202              | 6,526                | 4,896          | 1,749      | 4,913            | 1,727        | 4,902          | 1,764         | 4,892                   | 1,757           |
| 7.....              | 4,864           | 2,885           | 73               | 6,346                | 4,055          | 2,467      | 4,107            | 2,413        | 4,015          | 2,548         | 4,043                   | 2,489           |
| 8.....              | 2,285           | 1,760           | 383              | 3,915                | 2,625          | 1,334      | 2,641            | 1,329        | 2,645          | 1,349         | 2,626                   | 1,345           |
| 9.....              | 4,671           | 3,192           | 119              | 6,029                | 3,824          | 2,461      | 3,846            | 2,457        | 3,713          | 2,610         | 3,784                   | 2,495           |
| 10.....             | 4,254           | 2,364           | 652              | 5,561                | 3,524          | 2,177      | 3,570            | 2,133        | 3,651          | 2,081         | 3,555                   | 2,152           |
| 11.....             | 4,454           | 2,364           | 121              | 5,198                | 3,586          | 1,778      | 3,605            | 1,746        | 3,549          | 1,824         | 3,570                   | 1,798           |
| 12.....             | 3,333           | 1,651           | 691              | 4,061                | 3,058          | 1,145      | 3,018            | 1,124        | 3,017          | 1,207         | 3,060                   | 1,132           |
| 13.....             | 4,150           | 1,956           | 112              | 4,687                | 3,378          | 1,471      | 3,360            | 1,482        | 3,349          | 1,499         | 3,351                   | 1,480           |
| 14.....             | 4,940           | 2,219           | 579              | 5,748                | 3,362          | 2,127      | 3,920            | 2,090        | 3,910          | 2,165         | 3,866                   | 2,123           |
| 15.....             | 4,557           | 2,440           | 168              | 5,193                | 3,494          | 2,505      | 3,475            | 2,499        | 3,496          | 2,526         | 3,458                   | 2,515           |
| 16.....             | 3,752           | 1,829           | 1,214            | 4,573                | 3,422          | 1,189      | 3,464            | 1,149        | 3,469          | 1,186         | 3,436                   | 1,190           |
| 17.....             | 4,520           | 2,378           | 132              | 5,491                | 3,886          | 1,941      | 3,892            | 1,931        | 3,833          | 2,015         | 3,877                   | 1,979           |
| 18.....             | 5,804           | 1,973           | 234              | 6,828                | 5,263          | 1,625      | 5,361            | 1,660        | 5,155          | 1,746         | 5,278                   | 1,588           |
| 19.....             | 4,766           | 5,775           | 107              | 8,788                | 4,143          | 4,854      | 4,154            | 4,246        | 4,129          | 4,861         | 4,103                   | 4,976           |
| 20.....             | 5,593           | 2,261           | 178              | 6,590                | 4,432          | 2,438      | 4,450            | 2,421        | 4,350          | 2,547         | 4,415                   | 2,452           |
| 21.....             | 5,976           | 7,586           | 143              | 11,614               | 5,171          | 6,777      | 5,192            | 6,724        | 5,233          | 6,729         | 5,112                   | 6,805           |
| 22.....             | 5,486           | 2,236           | 155              | 6,122                | 4,510          | 1,911      | 4,538            | 1,860        | 4,491          | 1,920         | 4,512                   | 1,898           |
| 23.....             | 6,076           | 5,529           | 183              | 10,241               | 5,855          | 4,643      | 5,884            | 4,599        | 5,879          | 4,629         | 5,817                   | 4,655           |
| 24.....             | 4,802           | 2,099           | 258              | 5,197                | 3,772          | 1,821      | 3,824            | 1,751        | 3,824          | 1,795         | 3,802                   | 1,791           |
| 25.....             | 3,040           | 4,226           | 43               | 5,252                | 3,271          | 3,149      | 2,247            | 3,057        | 2,294          | 3,035         | 2,256                   | 3,055           |
| 26.....             | 4,021           | 2,174           | 498              | 4,738                | 3,260          | 2,106      | 3,338            | 2,008        | 3,339          | 2,033         | 3,278                   | 2,069           |
| 27.....             | 2,756           | 4,052           | 25               | 5,246                | 2,258          | 3,105      | 2,252            | 3,117        | 2,264          | 3,100         | 2,235                   | 3,127           |
| 28.....             | 4,861           | 2,097           | 534              | 5,779                | 4,272          | 1,723      | 4,308            | 1,684        | 4,286          | 1,759         | 4,304                   | 1,698           |
| 29.....             | 3,729           | 5,230           | 45               | 7,095                | 3,153          | 4,058      | 3,273            | 3,361        | 3,368          | 3,900         | 3,175                   | 4,079           |
| 30.....             | 5,953           | 2,830           | 555              | 6,770                | 4,811          | 2,401      | 4,917            | 2,268        | 4,901          | 2,364         | 4,889                   | 2,323           |
| 31.....             | 5,697           | 6,899           | 104              | 10,932               | 5,488          | 6,156      | 5,418            | 5,843        | 5,427          | 5,862         | 5,307                   | 5,968           |
| 32.....             | 6,099           | 3,207           | 438              | 8,640                | 4,503          | 2,963      | 4,565            | 2,727        | 4,455          | 2,898         | 4,496                   | 2,505           |
| 33.....             | 5,044           | 2,871           | 204              | 6,248                | 4,278          | 2,228      | 4,256            | 2,132        | 4,212          | 2,230         | 4,319                   | 2,200           |
| 34.....             | 8,737           | 5,552           | 411              | 12,020               | 7,836          | 4,625      | 7,911            | 4,434        | 7,794          | 4,609         | 7,710                   | 4,640           |
| 35.....             | 10,060          | 6,735           | 581              | 12,113               | 7,607          | 4,982      | 9,008            | 5,873        | 9,030          | 5,891         | 8,849                   | 6,045           |
| An-nexed            | 296             | 186             | 14               | ...                  | ...            | ...        | 215              | 208          | 243            | 186           | 218                     | 207             |
| Total               | 1,970           | 1,006           | 36               | ...                  | ...            | ...        | 1,770            | 1,047        | 1,770          | 1,066         | 1,769                   | 1,061           |
| Total               | 173,476         | 112,806         | 10,093           | 236,715              | 144,185        | 92,395     | 143,596          | 92,555       | 147,615        | 94,733        | 145,951                 | 94,430          |

For Governor, 1898, Kline, Pro., had 489, and Bacon, Cit. Union, 711. Supreme Ct., 1899, Kinnally, S. L., 9,257; Wright, S. L., 8,191; Manierre, Pro., 676; Crosby, Ind. Lab., 720. General Sessions, Cogan, S. L., 9,319; Manierre, Pro., 664. Surrogate, Lightbourn, S. L., 9,408; Richards, Pro., 557. Sheriff, Cooper, S. L., 9,100; B oaks, Pro., 682.

BOROUGH OF BROOKLYN.

| WARDS.  | GOVERNOR, 1898. |                 |                  | DIST. ATT'Y '99. |              | SHERIFF, 1899. |           | REGISTER, 1899. |            | CO. CLERK, 1899. |               | District, 1898, Kline, Pro., had 382, and Bacon, Cit. Union, 275. Attorney, 1899, Kinnally, S. L., 4,360; Martin, Pro., 868; Tuttle, Lab., 2,510. Candidates of same parties for other offices received about same vote. |
|---------|-----------------|-----------------|------------------|------------------|--------------|----------------|-----------|-----------------|------------|------------------|---------------|--|
|         | Van Wyck, Dem.  | Roosevelt, Rep. | Hanford, Soc. L. | Clarke, Dem.     | Steels, Rep. | Walton, Dem.   | Neu, Rep. | Gray, D.-m.     | Howe, Rep. | Huberty, Dem.    | Mayette, Rep. |  |
| 1.....  | 1,823           | 2,243           | 24               | 1,474            | 1,893        | 1,490          | 1,870     | 1,805           | 2,045      | 1,404            | 1,933         |  |
| 2.....  | 1,241           | 234             | 18               | 1,121            | 229          | 1,083          | 266       | 1,062           | 255        | 1,094            | 256           |  |
| 3.....  | 1,773           | 1,635           | 42               | 1,524            | 1,410        | 1,479          | 1,449     | 1,322           | 1,599      | 1,493            | 1,419         |  |
| 4.....  | 1,716           | 884             | 45               | 1,514            | 728          | 1,484          | 759       | 1,415           | 813        | 1,433            | 744           |  |
| 5.....  | 2,586           | 722             | 24               | 2,396            | 616          | 2,367          | 632       | 2,315           | 678        | 2,263            | 637           |  |
| 6.....  | 4,894           | 2,109           | 53               | 4,287            | 1,748        | 4,239          | 1,787     | 4,120           | 1,905      | 4,228            | 1,761         |  |
| 7.....  | 3,539           | 4,041           | 47               | 3,097            | 3,272        | 3,171          | 3,252     | 2,754           | 3,596      | 2,991            | 3,436         |  |
| 8.....  | 4,382           | 2,948           | 162              | 3,492            | 2,318        | 3,427          | 2,377     | 3,310           | 2,554      | 3,423            | 2,363         |  |
| 9.....  | 4,381           | 3,158           | 53               | 3,769            | 2,561        | 3,747          | 2,580     | 3,400           | 2,813      | 3,404            | 2,617         |  |
| 10..... | 4,728           | 2,090           | 59               | 3,833            | 2,255        | 3,773          | 2,241     | 3,452           | 2,617      | 3,311            | 2,276         |  |
| 11..... | 2,436           | 1,847           | 36               | 2,138            | 1,505        | 2,129          | 1,507     | 1,993           | 1,644      | 2,091            | 1,549         |  |
| 12..... | 3,430           | 967             | 77               | 2,935            | 1,707        | 2,929          | 1,851     | 2,056           | 1,300      | 2,964            | 1,074         |  |
| 13..... | 2,510           | 2,101           | 65               | 2,289            | 1,705        | 2,129          | 1,838     | 1,850           | 2,128      | 2,088            | 1,852         |  |
| 14..... | 3,306           | 913             | 73               | 2,849            | 1,767        | 2,787          | 1,825     | 2,549           | 1,661      | 2,807            | 783           |  |
| 15..... | 2,908           | 2,352           | 116              | 2,524            | 2,023        | 2,469          | 2,063     | 2,305           | 2,227      | 2,464            | 2,064         |  |
| 16..... | 3,470           | 2,059           | 403              | 2,854            | 1,816        | 2,704          | 1,989     | 2,608           | 2,074      | 2,801            | 1,823         |  |
| 17..... | 5,117           | 3,685           | 320              | 4,074            | 2,956        | 3,997          | 3,046     | 3,619           | 3,112      | 3,960            | 3,013         |  |
| 18..... | 2,300           | 942             | 122              | 2,010            | 948          | 1,982          | 983       | 1,948           | 1,006      | 2,014            | 940           |  |
| 19..... | 2,859           | 3,471           | 161              | 2,581            | 2,857        | 2,421          | 3,001     | 2,128           | 3,299      | 2,582            | 3,021         |  |
| 20..... | 2,155           | 2,992           | 23               | 1,937            | 2,337        | 2,056          | 2,256     | 1,732           | 2,592      | 1,882            | 2,425         |  |
| 21..... | 5,106           | 4,622           | 311              | 4,313            | 4,136        | 4,219          | 4,226     | 4,033           | 4,415      | 4,281            | 4,071         |  |
| 22..... | 5,627           | 5,407           | 190              | 4,380            | 4,568        | 4,225          | 4,574     | 4,003           | 5,093      | 4,300            | 4,684         |  |
| 23..... | 3,903           | 8,116           | 43               | 3,472            | 6,800        | 3,522          | 6,679     | 2,878           | 7,363      | 3,212            | 6,384         |  |
| 24..... | 2,255           | 2,285           | 43               | 1,969            | 1,979        | 1,995          | 1,956     | 1,787           | 2,147      | 1,910            | 2,035         |  |
| 25..... | 3,440           | 4,809           | 90               | 3,242            | 4,178        | 3,280          | 4,113     | 2,929           | 4,456      | 3,137            | 3,250         |  |
| 26..... | 4,366           | 3,931           | 353              | 3,842            | 3,543        | 3,708          | 3,702     | 3,590           | 3,742      | 3,792            | 3,570         |  |
| 27..... | 3,520           | 1,902           | 459              | 2,974            | 1,695        | 2,863          | 1,872     | 2,867           | 1,802      | 3,055            | 1,652         |  |
| 28..... | 5,680           | 5,771           | 656              | 4,490            | 5,037        | 4,365          | 5,195     | 4,146           | 5,876      | 4,547            | 5,014         |  |
| 29..... | 1,899           | 1,688           | 25               | 1,725            | 1,715        | 1,713          | 1,708     | 1,583           | 1,854      | 1,673            | 1,747         |  |
| 30..... | 1,652           | 1,528           | 23               | 1,751            | 1,553        | 1,705          | 1,606     | 1,605           | 1,637      | 1,711            | 1,573         |  |
| 31..... | 1,421           | 709             | 9                | 1,378            | 734          | 1,363          | 771       | 1,343           | 809        | 1,367            | 761           |  |
| 32..... | 739             | 554             | 8                | 670              | 671          | 684            | 674       | 630             | 679        | 661              | 643           |  |
| Total   | 101,203         | 82,821          | 4,143            | 85,592           | 72,762       | 85,122         | 72,970    | 78,627          | 78,940     | 84,569           | 73,107        |  |

VOTE OF THE CITY OF NEW YORK, 1898 AND 1899—Continued.

BOROUGH OF QUEENS.

|            | GOVERNOR, 1898. |                 |                  | DISTRICT-ATTORNEY, 1899. |                |
|------------|-----------------|-----------------|------------------|--------------------------|----------------|
|            | Van Wyck, Dem.  | Roosevelt, Rep. | Hanford, Soc. L. | Merrill, Dem.            | Davidson, Rep. |
| Total..... | 13,002          | 9,681           | 953              | 10,578                   | 10,282         |

BOROUGH OF RICHMOND.

|            |       |       |     |  |  |
|------------|-------|-------|-----|--|--|
| Total..... | 6,723 | 4,577 | 216 |  |  |
|------------|-------|-------|-----|--|--|

TOTAL VOTE FOR GOVERNOR IN 1898.—Van Wyck, Dem., 294,404; Roosevelt, Rep., 209,895; Hanford, Soc. L., 15,407; Kline, Pro., 1,037; Bacon, Cit. U., 1,107. Van Wyck's plurality, 84,509.

VOTE FOR ASSEMBLYMEN, MANHATTAN BOROUGH, 1899.

| DIST.   | Democrat.              | Republican.           | Socialist.              | Prohibitionist.     | Labor.             |
|---------|------------------------|-----------------------|-------------------------|---------------------|--------------------|
| 1.....  | Halpin..... 3,108      | Browne..... 853       | Ranson..... 12          |                     |                    |
| 2.....  | Rierdon..... 4,312     | Karman..... 1,193     | Pomeranz..... 117       | Kellogg..... 20     |                    |
| 3.....  | Sharkey..... 4,079     | Smith..... 1,650      | Wollenschlager..... 134 | Andrews..... 16     |                    |
| 4.....  | Roche..... 3,189       | Brothers..... 1,447   | Levitch..... 528        | Holden..... 11      |                    |
| 5.....  | Stump..... 3,077       | Henry..... 3,119      | Robinson..... 81        | Pfuger..... 24      | Barry..... 68      |
| 6.....  | Sullivan..... 4,908    | McNulty..... 1,674    | Wheatley..... 158       | Baumgartner..... 13 |                    |
| 7.....  | Maher..... 3,809       | Low..... 2,642        | Deegan..... 115         | Ihmer..... 45       |                    |
| 8.....  | Cohn..... 2,670        | Rosenberg..... 1,303  | Eckstein..... 404       | Tate..... 7         |                    |
| 9.....  | Phillips..... 4,119    | Allen..... 2,072      | Saundry..... 128        | Meade..... 18       | Western..... 132   |
| 10..... | Harburger..... 3,510   | Brand..... 1,909      | Hosman..... 537         | Hamenan..... 19     | Schultz..... 147   |
| 11..... | O'Connor..... 3,554    | Hansen..... 1,747     |                         | Johnson..... 26     |                    |
| 12..... | Sanders..... 2,978     | Ellis..... 896        | Klein..... 620          | Brown..... 26       | Barondess..... 973 |
| 13..... | Trainor..... 3,290     | McCourt..... 1,569    | Hunter..... 167         | Elight..... 10      |                    |
| 14..... | Meister..... 3,800     | O'Rourke..... 2,258   | Hunter..... 431         | Wilbur..... 24      |                    |
| 15..... | Smith..... 3,080       | McMaus..... 3,009     | White..... 105          | Schweikert..... 22  |                    |
| 16..... | Prince..... 3,219      | Cohen..... 840        | De Leon..... 2,044      | Dochtermann..... 28 |                    |
| 17..... | Fitzgerald..... 3,736  | Farrel..... 2,114     | Schoenfeld..... 118     | Lindsay..... 13     |                    |
| 18..... | Dillon..... 5,352      | Whitehead..... 1,315  | Diamond..... 303        | Conover..... 15     | Donnelly..... 15   |
| 19..... | Stewart..... 4,668     | Mazet..... 4,271      | Mittelberg..... 76      | McGregor..... 20    | Prior..... 62      |
| 20..... | Honeck..... 4,021      | Shea..... 2,876       | Rowe..... 143           | Garney..... 13      |                    |
| 21..... | Court..... 5,085       | Fallows..... 6,910    | Mahland..... 157        | Winchester..... 28  |                    |
| 22..... | Baum..... 4,594        | Pratt..... 1,557      | Wagner..... 176         | Couch..... 20       | Smith..... 246     |
| 23..... | Minton..... 5,901      | Southworth..... 4,608 | Thompson..... 232       | Rodgers..... 30     |                    |
| 24..... | Fitzgerald..... 3,706  | Nugent..... 1,882     | Bruna..... 190          | Gillespie..... 15   |                    |
| 25..... | Goldthwaite..... 2,350 | Weekes..... 2,987     |                         | Sheldon..... 23     |                    |
| 26..... | O'Connell..... 2,245   | Southmayd..... 1,387  | Katz..... 308           | De Souchet..... 8   | Marhsch..... 724   |
| 27..... | Lippincott..... 2,373  | Davis..... 2,949      |                         | Carpenter..... 18   |                    |
| 28..... | Green..... 4,396       | Martin..... 1,612     | Kenney..... 254         | Wadhaus..... 9      |                    |
| 29..... | Ryttenberg..... 3,708  | Folks..... 3,559      |                         | Sprague..... 358    |                    |
| 30..... | Hyman..... 4,865       | Issing..... 2,246     | Gillhaus..... 358       | Conklin..... 22     |                    |
| 31..... | Stone..... 5,634       | Slater..... 5,564     | Bernstein..... 126      | McNicholl..... 28   | Dumilian..... 110  |
| 32..... | Poth..... 4,522        | Landman..... 2,328    | Rosenthal..... 387      | Gage..... 19        | Persamy..... 448   |
| 33..... | Egan..... 4,466        | McCracken..... 1,935  | Lederer..... 188        | Sage..... 23        |                    |
| 34..... | Scanlon..... 7,669     | Steurer..... 4,459    | Sperle..... 470         | McElveen..... 35    |                    |
| 35..... | Morris..... 9,098      | Root..... 5,513       | Wright..... 519         | Bartow..... 68      | Harmige..... 28    |
| An. 1   | Sloane..... 240        | Allerton..... 182     | Peterson..... 9         | Perry..... 9        |                    |
| 2       | Henderson..... 1,798   | Cooley..... 995       | Brown..... 10           | Rose..... 22        |                    |

VOTE FOR ASSEMBLYMEN, BROOKLYN BOROUGH, 1899.

|         |                      |                       |                     |                |  |
|---------|----------------------|-----------------------|---------------------|----------------|--|
| 1.....  | Hague..... 2,867     | Morgan..... 3,489     | Regan..... 102      |                |  |
| 2.....  | McKeown..... 4,991   | O'Sullivan..... 1,773 | Fitzgerald..... 173 |                |  |
| 3.....  | McInerney..... 4,100 | Brennan..... 1,680    | Hughes..... 83      |                |  |
| 4.....  | Oglesby..... 4,131   | Cotton..... 4,543     | Jarrod..... 132     |                |  |
| 5.....  | Penney..... 3,657    | De Graw..... 4,130    | Weber..... 90       |                |  |
| 6.....  | Parker..... 3,961    | Waite..... 4,022      | Kunz..... 285       |                |  |
| 7.....  | Holsten..... 5,839   | Wright..... 4,249     | Murphy..... 344     |                |  |
| 8.....  | Farrell..... 3,149   | McEvoy..... 2,445     |                     | Taylor..... 17 |  |
| 9.....  | Cain..... 2,663      | Foster..... 1,565     | Samuelson..... 174  |                |  |
| 10..... | Fiske..... 3,725     | Collier..... 3,497    | Walsh..... 65       |                |  |
| 11..... | Guider..... 4,489    | Mayher..... 3,605     | Keveney..... 160    |                |  |
| 12..... | Schoeneck..... 3,963 | Price..... 4,179      | Leise..... 339      |                |  |
| 13..... | Siems..... 4,230     | Hobby..... 4,025      |                     | Owens..... 63  |  |
| 14..... | Hawkins..... 4,420   | Grealy..... 2,145     | Rothkopf..... 219   |                |  |
| 15..... | Juengst..... 2,867   | Schlueter..... 2,174  | Brower..... 236     |                |  |
| 16..... | Roy..... 4,426       | Brennan..... 4,450    | Turner..... 120     |                |  |
| 17..... | Sharp..... 2,374     | Wilson..... 5,369     | Ebert..... 67       |                |  |
| 18..... | Bull..... 4,702      | Remsen..... 5,098     | Sorensen..... 167   |                |  |
| 19..... | Hasenflug..... 4,048 | Best..... 2,181       | Wolf..... 295       |                |  |
| 20..... | Delaney..... 4,433   | Goodwin..... 4,027    | Kuhn..... 374       |                |  |
| 21..... | Voiborg..... 4,948   | Adams..... 4,852      | Vogt..... 388       |                |  |

VOTE FOR ASSEMBLYMEN, QUEENS AND RICHMOND BOROUGHS, 1899.

Queens: First District—Wissel, Dem., 6,296; Callahan, Rep., 4,044. Second District—Gale, Dem., 4,238; McKnight, Rep., 4,221. Third District (without Nassau County)—Townsend, Dem., 604; Doughty, Rep., 413.  
 Richmond: Metcalfe, Dem., 6,403; Hayes, Rep., 3,792; Driscoll, Soc. L., 245.

## NORTH CAROLINA.

| COUNTIES.<br>(36.) | Judge Superior<br>Court, 1898. |                | PRESIDENT,<br>1896. |                       |                       |                       |  | Lev<br>ering,<br>Pro. |
|--------------------|--------------------------------|----------------|---------------------|-----------------------|-----------------------|-----------------------|--|-----------------------|
|                    | Hake,<br>Dem.                  | Evans,<br>Rep. | Bryan,<br>Dem.      | Mc-<br>Kinley<br>Rep. | Pal-<br>mer,<br>N. D. | Lev<br>ering,<br>Pro. |  |                       |
| Alamance           | 2,616                          | 2,289          | 2,282               | 2,574                 | 2                     | 10                    |  |                       |
| Alexander          | 842                            | 811            | 1,109               | 640                   | 2                     | 1                     |  |                       |
| Allghany           | 843                            | 584            | 737                 | 605                   | ...                   | 1                     |  |                       |
| Anson              | 1,873                          | 1,405          | 2,317               | 1,160                 | ...                   | ...                   |  |                       |
| Ashe               | 1,704                          | 1,018          | 1,511               | 1,761                 | ...                   | ...                   |  |                       |
| Beaufort           | 3,662                          | 2,291          | 3,513               | 2,207                 | ...                   | 7                     |  |                       |
| Bertie             | 1,732                          | 2,013          | 1,699               | 2,255                 | ...                   | 8                     |  |                       |
| Bladen             | 1,676                          | 1,428          | 1,714               | 1,266                 | ...                   | 3                     |  |                       |
| Brunswick          | 1,193                          | 1,210          | 1,279               | 878                   | ...                   | 1                     |  |                       |
| Buncombe           | 4,438                          | 3,868          | 4,088               | 4,610                 | ...                   | 16                    |  |                       |
| Burke              | 1,474                          | 1,324          | 1,596               | 1,385                 | ...                   | 21                    |  |                       |
| Cabarrus           | 1,949                          | 1,307          | 2,250               | 997                   | ...                   | 36                    |  |                       |
| Caldwell           | 1,190                          | 797            | 1,428               | 963                   | ...                   | 11                    |  |                       |
| Camden             | 605                            | 555            | 554                 | 588                   | ...                   | ...                   |  |                       |
| Carteret           | 1,360                          | 1,053          | 1,308               | 944                   | ...                   | ...                   |  |                       |
| Caswell            | 1,445                          | 1,637          | 1,372               | 1,710                 | ...                   | 1                     |  |                       |
| Catawba            | 1,988                          | 1,514          | 2,650               | 1,004                 | ...                   | 7                     |  |                       |
| Chatham            | 2,052                          | 2,112          | 2,892               | 1,490                 | ...                   | 3                     |  |                       |
| Cherokee           | 972                            | 939            | 812                 | 969                   | ...                   | 2                     |  |                       |
| Chowan             | 994                            | 1,174          | 791                 | 1,146                 | ...                   | ...                   |  |                       |
| Clay               | 437                            | 365            | 476                 | 299                   | ...                   | ...                   |  |                       |
| Cleveland          | 2,455                          | 1,590          | 2,661               | 1,216                 | ...                   | 5                     |  |                       |
| Columbus           | 2,116                          | 1,561          | 1,898               | 1,162                 | ...                   | 18                    |  |                       |
| Craven             | 2,076                          | 2,885          | 1,810               | 2,920                 | ...                   | 12                    |  |                       |
| Cumberland         | 2,405                          | 2,235          | 2,650               | 2,250                 | ...                   | 4                     |  |                       |
| Currituck          | 963                            | 497            | 595                 | 436                   | ...                   | 1                     |  |                       |
| Dare               | 499                            | 457            | 408                 | 471                   | ...                   | ...                   |  |                       |
| Davidson           | 2,409                          | 2,092          | 2,961               | 2,375                 | ...                   | 5                     |  |                       |
| Davie              | 915                            | 1,091          | 995                 | 1,306                 | ...                   | 2                     |  |                       |
| Duplin             | 2,109                          | 1,839          | 2,409               | 1,147                 | ...                   | 1                     |  |                       |
| Durham             | 2,534                          | 1,895          | 2,435               | 1,994                 | ...                   | 4                     |  |                       |
| Edgecombe          | 2,891                          | 2,498          | 2,033               | 2,759                 | ...                   | 9                     |  |                       |
| Forsyth            | 3,009                          | 3,324          | 2,778               | 3,888                 | ...                   | 18                    |  |                       |
| Franklin           | 2,698                          | 2,409          | 3,197               | 1,834                 | ...                   | 30                    |  |                       |
| Gaston             | 2,348                          | 1,731          | 2,069               | 1,645                 | ...                   | 3                     |  |                       |
| Gates              | 1,108                          | 778            | 1,085               | 759                   | ...                   | ...                   |  |                       |
| Graham             | 370                            | 379            | 363                 | 347                   | ...                   | ...                   |  |                       |
| Granville          | 2,236                          | 2,279          | 2,263               | 2,178                 | ...                   | 14                    |  |                       |
| Greene             | 1,218                          | 1,237          | 1,222               | 1,065                 | ...                   | ...                   |  |                       |
| Guilford           | 4,211                          | 3,214          | 3,479               | 3,455                 | ...                   | 18                    |  |                       |
| Halifax            | 3,684                          | 2,677          | 2,525               | 4,003                 | ...                   | 3                     |  |                       |
| Harnett            | 1,617                          | 1,348          | 1,665               | 1,042                 | ...                   | 6                     |  |                       |
| Haywood            | 1,853                          | 1,041          | 1,991               | 1,039                 | ...                   | 15                    |  |                       |
| Henderson          | 1,048                          | 1,313          | 1,022               | 1,459                 | ...                   | 11                    |  |                       |
| Hertford           | 1,183                          | 1,460          | 2,140               | 1,426                 | ...                   | ...                   |  |                       |
| Hyde               | 994                            | 969            | 1,019               | 849                   | ...                   | 2                     |  |                       |
| Iredell            | 2,735                          | 2,069          | 2,958               | 2,003                 | ...                   | 3                     |  |                       |
| Jackson            | 1,156                          | 997            | 1,148               | 873                   | ...                   | ...                   |  |                       |
| Johnston           | 3,737                          | 2,040          | 3,345               | 1,824                 | ...                   | 2                     |  |                       |
| Jones              | 821                            | 851            | 814                 | 686                   | ...                   | ...                   |  |                       |
| Lenoir             | 2,095                          | 1,695          | 1,966               | 1,410                 | ...                   | ...                   |  |                       |
| Lincoln            | 1,341                          | 1,118          | 1,343               | 1,009                 | ...                   | 11                    |  |                       |
| Macon              | 1,050                          | 911            | 1,149               | 891                   | ...                   | 1                     |  |                       |
| Madison            | 1,272                          | 2,154          | 1,367               | 2,270                 | ...                   | 2                     |  |                       |
| Martin             | 1,700                          | 1,556          | 1,681               | 1,374                 | ...                   | ...                   |  |                       |
| McDowell           | 1,215                          | 1,017          | 1,204               | 930                   | ...                   | 1                     |  |                       |
| Mecklenburg        | 5,175                          | 3,526          | 4,714               | 3,921                 | ...                   | 34                    |  |                       |
| Mitchell           | 672                            | 1,639          | 630                 | 1,861                 | ...                   | ...                   |  |                       |
| Montgomery         | 1,569                          | 1,197          | 1,139               | 1,206                 | ...                   | 2                     |  |                       |
| Moore              | 2,143                          | 2,017          | 2,211               | 1,943                 | ...                   | 4                     |  |                       |
| Nash               | 2,520                          | 3,219          | 2,916               | 1,699                 | ...                   | 8                     |  |                       |
| New Hanover        | 2,804                          | 2,641          | 2,110               | 3,184                 | ...                   | 95                    |  |                       |
| Northampton        | 1,815                          | 2,228          | 1,807               | 2,302                 | ...                   | 4                     |  |                       |
| Onslow             | 1,451                          | 877            | 1,568               | 588                   | ...                   | ...                   |  |                       |
| Orange             | 1,520                          | 1,265          | 1,700               | 1,264                 | ...                   | 7                     |  |                       |
| Pamlico            | 758                            | 826            | 836                 | 642                   | ...                   | 1                     |  |                       |
| Pasquotank         | 1,372                          | 1,291          | 1,367               | 1,514                 | ...                   | 3                     |  |                       |
| Person             | 1,295                          | 1,255          | 1,796               | 1,164                 | ...                   | ...                   |  |                       |
| Perguinans         | 975                            | 992            | 793                 | 1,016                 | ...                   | 8                     |  |                       |
| Person             | 1,600                          | 1,512          | 1,113               | 1,402                 | ...                   | ...                   |  |                       |
| Pitt               | 3,224                          | 2,799          | 3,167               | 2,404                 | ...                   | 2                     |  |                       |
| Polk               | 505                            | 657            | 409                 | 731                   | ...                   | ...                   |  |                       |
| Randolph           | 2,615                          | 2,792          | 2,482               | 2,743                 | ...                   | 83                    |  |                       |
| Richmond           | 3,762                          | 1,688          | 2,123               | 2,629                 | ...                   | 13                    |  |                       |
| Robeson            | 3,555                          | 2,804          | 3,457               | 2,419                 | ...                   | 2                     |  |                       |
| Rockingham         | 2,950                          | 3,573          | 2,882               | 2,569                 | ...                   | 2                     |  |                       |
| Rowan              | 2,950                          | 1,533          | 3,101               | 1,465                 | ...                   | 1                     |  |                       |
| Rutherford         | 2,290                          | 1,685          | 2,146               | 1,953                 | ...                   | 4                     |  |                       |
| Sampson            | 1,796                          | 2,437          | 2,789               | 1,275                 | ...                   | 21                    |  |                       |
| Stauly             | 1,238                          | 541            | 1,427               | 511                   | ...                   | 1                     |  |                       |

## NORTH CAROLINA—Continued.

| COUNTIES.    | Judge Superior<br>Court, 1898. |                | PRESIDENT,<br>1896. |                       |                       |                       |     |
|--------------|--------------------------------|----------------|---------------------|-----------------------|-----------------------|-----------------------|-----|
|              | Hake,<br>Dem.                  | Evans,<br>Rep. | Bryan,<br>Dem.      | Mc-<br>Kinley<br>Rep. | Pal-<br>mer,<br>N. D. | Lev<br>ering,<br>Pro. |     |
| Stokes       | 1,679                          | 1,904          | 1,447               | 2,069                 | ...                   | 8                     | 2   |
| Surry        | 2,247                          | 2,891          | 2,019               | 2,390                 | ...                   | ...                   | ... |
| Swain        | 744                            | 701            | 838                 | 531                   | ...                   | 2                     | ... |
| Transylvania | 606                            | 646            | 595                 | 637                   | ...                   | 4                     | ... |
| Tyrrell      | 523                            | 472            | 411                 | 491                   | ...                   | ...                   | ... |
| Union        | 2,510                          | 1,430          | 2,747               | 1,069                 | ...                   | 22                    | 1   |
| Vance        | 1,233                          | 1,791          | 1,465               | 1,745                 | ...                   | 2                     | 3   |
| Wake         | 5,664                          | 5,084          | 5,401               | 4,705                 | ...                   | 19                    | 11  |
| Warren       | 1,217                          | 1,251          | 1,243               | 1,175                 | ...                   | 6                     | ... |
| Washington   | 817                            | 1,237          | 739                 | 1,289                 | ...                   | ...                   | ... |
| Watauga      | 1,115                          | 1,155          | 1,063               | 1,176                 | ...                   | 4                     | 3   |
| Wayne        | 3,454                          | 2,538          | 3,214               | 2,248                 | ...                   | 1                     | 23  |
| Wilkes       | 1,741                          | 2,649          | 1,801               | 2,535                 | ...                   | ...                   | 4   |
| Wilson       | 2,458                          | 2,040          | 2,715               | 1,436                 | ...                   | 2                     | ... |
| Yadkin       | 1,007                          | 1,610          | 1,095               | 1,646                 | ...                   | ...                   | ... |
| Yancey       | 977                            | 850            | 1,056               | 982                   | ...                   | ...                   | ... |
| Total        | 177,449                        | 159,511        | 174,488             | 155,222               | 578                   | 675                   |     |
| Plurality    | 17,928                         | 19,266         | 19,266              | ...                   | ...                   | ...                   |     |
| Per cent     | 52.80                          | 47.20          | 52.69               | 46.87                 | 0.17                  | 0.19                  |     |
| Scattering   | ...                            | ...            | ...                 | 247                   | ...                   | ...                   |     |
| Whole vote   | 336,960                        | ...            | 329,710             | ...                   | ...                   | ...                   |     |

The scattering vote in 1896 was for Bentley, Nat. Pro. The vote for Chief Justice in 1894 was: Shepard Dem. 127,563; Faircloth, Rep.-Pop., 148,344. Faircloth's plurality, 20,751.

## VOTE FOR STATE OFFICERS, 1896.

For Governor, Cyrus B. Watson Dem., 145,266; Daniel L. Russell Rep., 153,787; W. A. Guthrie, Pop., 31,143. Russell's plurality 8,521. Most of the other state officers were elected on a Rep.-Pop. fusion ticket, by pluralities of about 39,000.

## VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

*Districts.*  
I. Counties of Beaufort, Camden, Carteret, Chowan, Currituck, Dare, Gates, Hertford, Hyde, Martin, Pamlico, Pasquotank, Perquinans, Pitt, Tyrrell, and Washington, J. H. Small, Dem., 19,732; Harry Skinner, Fus., 18,263; J. L. Whedbee, Ind. Rep., 97. Small's plurality 1,469.

II. Counties of Bertie, Edgecombe, Greene, Halifax, Lenoir, Northampton, Warren, Wayne, and Wilson, W. E. Fountain, Dem.-Pop., 14,947; G. H. White, Rep., 17,561; J. B. Lloyd, Pop., 2,447. White's plurality, 2,614.

III. Counties of Bladen, Craven, Cumberland, Duplin, Harnett, Jones, Moore, Onslow, and Sampson, C. R. Thomas, Dem., 16,003; John E. Fowler, Fus., 15,819. Thomas' majority, 189.

IV. Counties of Chatham, Franklin, Johnston, Nash, Randolph, Vance, and Wake, J. W. Atwater, Dem.-Pop., 19,419; J. J. Jenkins, Fus., 18,581. Atwater's majority, 838.

V. Counties of Alamance, Caswell, Durham, Granville, Guilford, Orange, Person, Rockingham, and Stokes, W. W. Kitchin, Dem., 20,839; S. B. Adams, Fus., 18,607. Kitchin's majority, 2,232.

VI. Counties of Anson, Brunswick, Columbus, Mecklenburg, New Hanover, Pender, Richmond, Robeson, and Union, J. D. Bellamy, Jr., Dem., 23,168; O. H. Dockery, Fus., 17,329. Bellamy's majority, 5,839.

VII. Counties of Cabarrus, Catawba, Cleveland, Davidson, Gaston, Iredell, Lincoln, Montgomery, Rowan, and Stanly, T. F. Klutz, Dem., 20,763; M. H. H. Caldwell, Fus., 14,661. Klutz's majority, 6,102.

VIII. Counties of Alexander, Alleghany, Ashe, Burke, Caldwell, Davie, Forsyth, Surry, Watauga, Wilkes, and Yadkin, E. F. Lovell, Dem., 16,137; R. Z. Linney, Fus., 17,414; J. M. Brower, Ind. Rep., 153. Linney's plurality, 1,277.

NORTH CAROLINA—Continued.

**IX. Counties of Buncombe, Cherokee, Clay, Graham, Haywood, Henderson, Jackson, McDowell, Macon, Madison, Mitchell, Polk, Rutherford, Swain, Transylvania, and Yancey. W. T. Crawford, Dem., 19,666; R. Pearson, Rep., 9,368; G. E. Boggs, Ind. Pop., 33. Crawford's plurality, 238.**

**PRESENT STATE GOVERNMENT.**

Governor, Daniel L. Russell, Rep.; Lieutenant-Governor, C. A. Reynolds, Rep.; Secretary of State, Cyrus Thompson, Pop.; Treasurer, W. H. Worth, Pop.; Auditor, H. W. Ayer, Pop.; Attorney-General, Zeb Vance Walser, Rep.; Insurance Commissioner, James R. Young, Dem.; Adjutant-General, R. B. Royster, Dem.

**JUDICIARY.**

Supreme Court: Chief Justice, William T. Faircloth, Rep.; Justices, Robert M. Douglas, Rep.; Walter Clark, Dem.; D. M. Furches, Rep., and W. A. Montgomery, Dem.; Clerk, Thomas S. Kenan, Dem.

**STATE LEGISLATURE, 1899.**

|                 | Senate. | House. | Joint Ballot |
|-----------------|---------|--------|--------------|
| Democrats.....  | 40      | 94     | 134          |
| Fusionists..... | 10      | 26     | 36           |

Democratic majority.. 30 68 98

**VOTE OF THE STATE SINCE 1872.**

|                        | Dem.                            | Rep.    | Gr.    | Pro.  | Maj.        |
|------------------------|---------------------------------|---------|--------|-------|-------------|
| 1872. President....    | 70,092                          | 94,763  | ....   | ....  | 24,601 R    |
| 1876. President....    | 135,427                         | 108,419 | ....   | ....  | 17,008 D    |
| 1880. President....    | 124,204                         | 115,878 | 1,136  | ....  | *8,326 D    |
| 1882. Cong. Large Ill. | 763                             | 111,320 | ....   | ....  | 443 D       |
| 1884. President....    | 142,952                         | 125,068 | ....   | 454   | *17,884 D   |
| 1886. Ch. Justice....  | 117,428                         | 94,079  | ....   | ....  | 23,349 D    |
| 1888. President....    | 147,902                         | 134,784 | ....   | 2,789 | 13,118 D    |
| 1890. Ch. Justice....  | 142,516                         | 99,967  | ....   | ....  | 42,549 D    |
|                        | <i>Pop.</i>                     |         |        |       |             |
| 1892. President....    | 132,951                         | 100,342 | 44,736 | 2,536 | 32,609 D    |
|                        | <i>Dem Rep.-Pop. Maj.</i>       |         |        |       |             |
| 1894. Ch. Justice..    | 127,593                         | 148,344 | ....   | ....  | 20,751 R.-P |
|                        | <i>Dem. Rep. Pop. Pro. Plu.</i> |         |        |       |             |
| 1896. Governor...      | 145,216                         | 154,052 | 20,953 | ....  | 8,336 R     |
|                        | <i>Fus. Rep. N. D.</i>          |         |        |       |             |
| 1896. President...     | 174,488                         | 155,222 | 578    | 675   | 19,266 F    |
|                        | <i>Dem.</i>                     |         |        |       |             |
| 1898. Judge.....       | 177,449                         | 159,511 | ....   | ....  | 17,938 D    |

\* Plurality.

**NORTH DAKOTA.**

| COUNTIES.<br>(39.) | GOVERNOR,<br>1898.      |                       | PRESIDENT,<br>1896. |                       |                        |
|--------------------|-------------------------|-----------------------|---------------------|-----------------------|------------------------|
|                    | H'lines<br>Fu-<br>sion. | Fan-<br>cher,<br>Rep. | Bryan,<br>Dem.      | Mc-<br>Kinley<br>Rep. | Lev-<br>ering,<br>Pro. |
| Barnes.....        | 819                     | 1,167                 | 977                 | 986                   | 24                     |
| Benson.....        | 269                     | 732                   | 227                 | 549                   | 7                      |
| Billings.....      | 6                       | 92                    | 27                  | 78                    | 1                      |
| Bottineau.....     | 482                     | 514                   | 389                 | 369                   | 5                      |
| Burleigh.....      | 163                     | 778                   | 353                 | 729                   | 3                      |
| Cass.....          | 1,463                   | 2,609                 | 2,089               | 3,050                 | 48                     |
| Cavalier.....      | 812                     | 952                   | 1,158               | 730                   | 12                     |
| Dickey.....        | 527                     | 713                   | 587                 | 619                   | 6                      |
| Eddy.....          | 202                     | 398                   | 243                 | 278                   | 2                      |
| Emmons.....        | 195                     | 404                   | 168                 | 300                   | 3                      |
| Foster.....        | 217                     | 304                   | 143                 | 216                   | 2                      |
| Grand Forks.....   | 2,563                   | 1,409                 | 1,893               | 2,432                 | 40                     |
| Griggs.....        | 365                     | 377                   | 560                 | 313                   | 7                      |
| Kidder.....        | 62                      | 229                   | 104                 | 176                   | 1                      |
| La Moure.....      | 381                     | 600                   | 401                 | 460                   | 2                      |
| Logan.....         | 16                      | 137                   | 25                  | 70                    | ..                     |
| McHenry.....       | 212                     | 291                   | 166                 | 217                   | 1                      |
| McIntosh.....      | 49                      | 585                   | 66                  | 336                   | ..                     |
| McLean.....        | 52                      | 299                   | 79                  | 124                   | ..                     |
| Mercer.....        | 9                       | 190                   | 28                  | 115                   | ..                     |
| Morton.....        | 314                     | 857                   | 393                 | 752                   | 8                      |
| Nelson.....        | 681                     | 730                   | 58                  | 59                    | ..                     |
| Oliver.....        | 67                      | 94                    | ..                  | ..                    | ..                     |
| Pembina.....       | 1,237                   | 1,549                 | 1,807               | 1,637                 | 52                     |

NORTH DAKOTA—Continued.

| COUNTIES.       | GOVERNOR,<br>1898.      |                       | PRESIDENT,<br>1896. |                       |                        |
|-----------------|-------------------------|-----------------------|---------------------|-----------------------|------------------------|
|                 | H'lines<br>Fu-<br>sion. | Fan-<br>cher,<br>Rep. | Bryan,<br>Dem.      | Mc-<br>Kinley<br>Rep. | Lev-<br>ering,<br>Pro. |
| Pierce.....     | 108                     | 328                   | 75                  | 292                   | 1                      |
| Ramsey.....     | 550                     | 771                   | 655                 | 869                   | 13                     |
| Ransom.....     | 614                     | 779                   | 579                 | 766                   | 11                     |
| Richland.....   | 1,351                   | 1,594                 | 1,160               | 1,543                 | 12                     |
| Rolette.....    | 320                     | 427                   | 351                 | 306                   | 8                      |
| Sargent.....    | 498                     | 686                   | 636                 | 587                   | 4                      |
| Stark.....      | 242                     | 547                   | 216                 | 550                   | 2                      |
| Steele.....     | 252                     | 614                   | 322                 | 572                   | 7                      |
| Stutsman.....   | 652                     | 821                   | 578                 | 705                   | 12                     |
| Towner.....     | 291                     | 460                   | 394                 | 303                   | 12                     |
| Trail.....      | 659                     | 1,289                 | 674                 | 1,673                 | 20                     |
| Walsh.....      | 1,426                   | 1,548                 | 2,134               | 1,707                 | 23                     |
| Ward.....       | 194                     | 523                   | 193                 | 299                   | 4                      |
| Wells.....      | 371                     | 774                   | 317                 | 584                   | ..                     |
| Williams.....   | 103                     | 147                   | 83                  | 103                   | 8                      |
| Total.....      | 19,496                  | 27,308                | 20,686              | 26,335                | 358                    |
| Plurality.....  | 7,812                   |                       | 5,649               |                       |                        |
| Per cent.....   | 41.65                   | 58.35                 | 43.45               | 56.59                 | 0.76                   |
| Scattering..... | ..                      |                       |                     |                       |                        |
| Whole vote..... | 46,804                  |                       | 47,379              |                       |                        |

The vote for Governor in 1894 was: Kinter, Dem., 8,188; Allin, Rep., 23,723; Wallace, Pop., 9,354. Allin's plurality, 14,369.

**VOTE FOR REPRESENTATIVE IN CONGRESS, 1898.**

*At Large.*—Counties of Barnes, Benson, Billings, Bottineau, Burleigh, Cass, Cavalier, Dickey, Eddy, Emmons, Foster, Grand Forks, Griggs, Kidder, La Moure, Logan, McHenry, McIntosh, McLean, Mercer, Morton, Nelson, Oliver, Pembina, Pierce, Ramsey, Ransom, Richland, Rolette, Sargent, Stark, Steele, Stutsman, Towner, Trail, Walsh, Ward, Wells, and Williams. H. M. Creel, Fus., 17,844; B. F. Spaulding, Rep., 27,776. Spaulding's majority, 10,068.

**PRESENT STATE GOVERNMENT.**

Governor, F. B. Fancher; Lieutenant-Governor, J. M. Devine; Secretary of State, Fred. Falley; Treasurer, D. W. Driscoll; Auditor, A. N. Carlblom; Attorney-General, J. M. Cowan; Superintendent of Education, J. G. Halland; Adjutant-General, Elliot S. Miller; Commissioner of Agriculture, H. U. Thomas; Commissioner of Insurance, G. W. Harrison—all Republicans.

**JUDICIARY.**

Supreme Court: Chief Justice, J. M. Bartholomew; Justices, Alfred Wallin and N. C. Young; Clerk, R. D. Hoskins—all Republicans.

**STATE LEGISLATURE, 1899.**

The Legislature is composed of 78 Republicans and 15 Fusionists.

**VOTE OF THE STATE AND TERRITORY SINCE 1884.**

|                       | Dem.                       | Rep.   | F.A.  | Maj.     |
|-----------------------|----------------------------|--------|-------|----------|
| *1884. Congress.....  | 3,352                      | 28,906 | ....  | 25,554 R |
| *1886. Congress.....  | 15,540                     | 23,567 | ....  | 8,027 R  |
| *1888. Congress.....  | 15,801                     | 25,290 | ....  | 9,489 R  |
| 1889. Governor.....   | 12,733                     | 25,265 | ....  | 12,632 R |
| 1890. Governor.....   | 12,604                     | 19,053 | 4,821 | 6,449 R  |
|                       | <i>Fusion. Pop. Pro.</i>   |        |       |          |
| 1892. President.....  | 17,700                     | 17,519 | 899   | 181 P    |
| 1892. Governor 18,995 | ....                       | 17,236 | ....  | 1,759 F  |
|                       | <i>Dem. Pop. Plu.</i>      |        |       |          |
| 1894. Governor.....   | 8,188                      | 23,723 | 9,354 | 14,369 R |
|                       | <i>Dem. Rep. Pro. Plu.</i> |        |       |          |
| 1896. President.....  | 20,686                     | 26,335 | 353   | 5,649 R  |
|                       | <i>Fus.</i>                |        |       |          |
| 1898. Governor.....   | 19,496                     | 27,308 | ....  | 7,812 R  |

\*Vote of the north half of Dakota Territory, corresponding to the present State of North Dakota.

OHIO.

| COUNTIES.<br>(88.) | GOVERNOR,<br>1899.   |               |                         | PRESIDENT,<br>1896.      |                        |                        | Lev-<br>ering,<br>Pro. |
|--------------------|----------------------|---------------|-------------------------|--------------------------|------------------------|------------------------|------------------------|
|                    | Mc-<br>Lean,<br>Dem. | Nash,<br>Rep. | Jones,<br>Non-<br>Part. | Bryan,<br>Dem.<br>& Pop. | Mc-<br>Kinley<br>R. P. | Lev-<br>ering,<br>Pro. |                        |
| Adams.....         | 3,197                | 3,381         | 35                      | 3,248                    | 3,338                  |                        | 23                     |
| Allen.....         | 4,564                | 3,506         | 1,824                   | 6,394                    | 4,959                  |                        | 29                     |
| Ashtland.....      | 2,866                | 2,308         | 282                     | 3,422                    | 2,608                  |                        | 23                     |
| Ashtabula.....     | 2,157                | 7,108         | 712                     | 3,840                    | 8,557                  |                        | 123                    |
| Athens.....        | 2,227                | 4,806         | 203                     | 3,933                    | 5,429                  |                        | 69                     |
| Auglaize.....      | 4,010                | 2,293         | 478                     | 4,939                    | 2,900                  |                        | 13                     |
| Belmont.....       | 5,277                | 6,567         | 171                     | 6,413                    | 7,639                  |                        | 131                    |
| Brown.....         | 4,227                | 2,718         | 42                      | 4,485                    | 3,170                  |                        | 33                     |
| Butler.....        | 6,542                | 4,148         | 2,224                   | 8,724                    | 5,936                  |                        | 39                     |
| Carroll.....       | 1,693                | 2,379         | 134                     | 1,955                    | 2,668                  |                        | 37                     |
| Champaign.....     | 3,010                | 3,863         | 157                     | 3,432                    | 4,314                  |                        | 50                     |
| Clark.....         | 5,048                | 6,131         | 191                     | 6,382                    | 7,667                  |                        | 69                     |
| Clermont.....      | 4,385                | 3,671         | 194                     | 4,672                    | 4,272                  |                        | 31                     |
| Clinton.....       | 2,286                | 3,693         | 58                      | 2,657                    | 4,144                  |                        | 55                     |
| Columbiana.....    | 4,229                | 8,067         | 633                     | 6,938                    | 9,487                  |                        | 243                    |
| Coshocton.....     | 3,771                | 3,304         | 109                     | 3,919                    | 3,349                  |                        | 38                     |
| Crawford.....      | 4,538                | 2,417         | 637                     | 5,915                    | 3,150                  |                        | 47                     |
| Cuyahoga.....      | 7,410                | 21,321        | 36,255                  | 37,542                   | 42,993                 |                        | 324                    |
| Darke.....         | 5,628                | 4,251         | 112                     | 6,151                    | 4,384                  |                        | 26                     |
| Defiance.....      | 3,205                | 2,130         | 324                     | 4,239                    | 2,414                  |                        | 13                     |
| Delaware.....      | 3,031                | 3,587         | 129                     | 3,612                    | 3,789                  |                        | 68                     |
| Erie.....          | 3,120                | 3,802         | 2,132                   | 4,641                    | 5,442                  |                        | 36                     |
| Fairfield.....     | 5,067                | 3,285         | 210                     | 5,250                    | 3,432                  |                        | 36                     |
| Fayette.....       | 2,345                | 3,097         | 24                      | 2,802                    | 3,357                  |                        | 23                     |
| Franklin.....      | 16,110               | 17,858        | 3,409                   | 13,318                   | 20,289                 |                        | 157                    |
| Fulton.....        | 1,825                | 2,875         | 356                     | 2,484                    | 3,227                  |                        | 24                     |
| Gallia.....        | 2,504                | 3,576         | 62                      | 2,309                    | 4,427                  |                        |                        |
| Geauga.....        | 620                  | 2,226         | 320                     | 1,260                    | 2,807                  |                        | 32                     |
| Greene.....        | 2,084                | 4,412         | 557                     | 3,003                    | 5,295                  |                        | 109                    |
| Guernsey.....      | 2,793                | 3,878         | 414                     | 3,258                    | 4,337                  |                        | 133                    |
| Hamilton.....      | 36,805               | 35,740        | 12,563                  | 38,156                   | 57,749                 |                        | 155                    |
| Hancock.....       | 4,243                | 4,679         | 1,152                   | 5,546                    | 5,591                  |                        | 67                     |
| Hardin.....        | 4,012                | 3,914         | 427                     | 4,247                    | 4,276                  |                        | 32                     |
| Harrison.....      | 2,008                | 2,800         | 49                      | 2,245                    | 3,151                  |                        | 46                     |
| Henry.....         | 3,478                | 2,005         | 457                     | 4,333                    | 2,558                  |                        | 17                     |
| Highland.....      | 4,093                | 3,779         | 78                      | 3,909                    | 4,106                  |                        | 98                     |
| Hocking.....       | 2,595                | 2,439         | 105                     | 3,177                    | 2,745                  |                        | 14                     |
| Holmes.....        | 2,818                | 1,123         | 141                     | 3,622                    | 1,284                  |                        | 19                     |
| Huron.....         | 2,848                | 4,224         | 830                     | 4,185                    | 5,068                  |                        | 52                     |
| Jackson.....       | 3,182                | 4,068         | 390                     | 3,786                    | 4,493                  |                        | 52                     |
| Jefferson.....     | 2,853                | 5,368         | 143                     | 3,824                    | 6,135                  |                        | 131                    |
| Knox.....          | 3,264                | 3,727         | 175                     | 4,062                    | 3,762                  |                        | 31                     |
| Lake.....          | 924                  | 3,221         | 528                     | 1,682                    | 3,745                  |                        | 38                     |
| Lawrence.....      | 2,430                | 4,439         | 169                     | 3,650                    | 5,108                  |                        | 20                     |
| Licking.....       | 6,125                | 5,203         | 153                     | 6,611                    | 5,560                  |                        | 69                     |
| Logan.....         | 2,575                | 3,876         | 448                     | 3,125                    | 4,722                  |                        | 50                     |
| Lorain.....        | 2,120                | 6,111         | 2,345                   | 4,387                    | 7,801                  |                        | 93                     |
| Lucas.....         | 7,409                | 9,314         | 10,789                  | 13,759                   | 16,758                 |                        | 91                     |
| Madison.....       | 2,633                | 3,020         | 47                      | 2,751                    | 3,308                  |                        | 35                     |
| Mahoning.....      | 4,726                | 6,180         | 1,412                   | 6,772                    | 8,529                  |                        | 86                     |
| Marion.....        | 3,612                | 3,274         | 299                     | 4,016                    | 3,426                  |                        | 28                     |
| Medina.....        | 1,866                | 3,013         | 478                     | 2,575                    | 3,533                  |                        | 28                     |
| Meigs.....         | 2,115                | 6,597         | 111                     | 2,536                    | 4,696                  |                        | 39                     |
| Mercer.....        | 3,957                | 1,644         | 195                     | 4,790                    | 1,991                  |                        | 23                     |
| Miami.....         | 4,343                | 5,425         | 564                     | 5,387                    | 6,051                  |                        | 25                     |
| Monroe.....        | 3,710                | 1,571         | 9                       | 4,189                    | 2,001                  |                        | 25                     |
| Montgomery.....    | 12,730               | 14,481        | 3,095                   | 15,540                   | 18,333                 |                        | 26                     |
| Morgan.....        | 2,131                | 2,554         | 10                      | 2,375                    | 2,551                  |                        | 26                     |
| Morrow.....        | 2,082                | 2,409         | 132                     | 2,517                    | 2,506                  |                        | 26                     |
| Maskingum.....     | 6,638                | 6,489         | 272                     | 6,871                    | 7,245                  |                        | 116                    |
| Noble.....         | 2,075                | 2,540         | 35                      | 2,318                    | 2,559                  |                        | 22                     |
| Ottawa.....        | 2,178                | 1,593         | 1,097                   | 3,260                    | 2,179                  |                        | 13                     |
| Paulding.....      | 3,150                | 3,357         | 137                     | 3,650                    | 3,580                  |                        | 15                     |
| Perry.....         | 3,502                | 3,513         | 371                     | 4,112                    | 3,989                  |                        | 26                     |
| Pickaway.....      | 3,931                | 2,999         | 22                      | 4,165                    | 3,370                  |                        | 53                     |
| Pike.....          | 1,895                | 2,348         | 28                      | 2,145                    | 2,223                  |                        | 11                     |
| Portage.....       | 2,619                | 3,540         | 663                     | 3,992                    | 4,073                  |                        | 45                     |
| Preble.....        | 2,966                | 3,087         | 85                      | 3,254                    | 3,300                  |                        | 40                     |
| Putnam.....        | 4,651                | 2,463         | 224                     | 5,303                    | 2,728                  |                        | 31                     |
| Richland.....      | 5,509                | 4,714         | 485                     | 6,346                    | 5,115                  |                        | 31                     |
| Ross.....          | 4,747                | 5,057         | 112                     | 4,967                    | 5,567                  |                        | 49                     |
| Sandusky.....      | 4,117                | 3,144         | 801                     | 5,105                    | 3,970                  |                        | 50                     |
| Scioto.....        | 3,438                | 4,685         | 527                     | 3,658                    | 5,492                  |                        | 39                     |
| Seneca.....        | 4,840                | 3,992         | 729                     | 6,247                    | 4,985                  |                        | 80                     |
| Shelby.....        | 3,556                | 2,121         | 215                     | 3,941                    | 2,458                  |                        | 27                     |
| Stark.....         | 9,039                | 10,757        | 1,296                   | 11,329                   | 12,110                 |                        | 129                    |
| Summit.....        | 4,107                | 8,651         | 3,508                   | 8,020                    | 8,584                  |                        | 78                     |
| Trumbull.....      | 2,434                | 6,317         | 492                     | 3,829                    | 7,867                  |                        | 108                    |

OHIO—Continued.

| COUNTIES.       | GOVERNOR,<br>1899.   |               |                         | PRESIDENT,<br>1896.      |                       |                        |
|-----------------|----------------------|---------------|-------------------------|--------------------------|-----------------------|------------------------|
|                 | Mc-<br>Lean,<br>Dem. | Nash,<br>Rep. | Jones,<br>Non-<br>Part. | Bryan,<br>Dem.<br>& Pop. | Mc-<br>Kinley<br>Rep. | Lev-<br>ering,<br>Pro. |
| Tuscarawas..... | 5,239                | 5,300         | 1,056                   | 6,898                    | 6,235                 | 38                     |
| Union.....      | 2,390                | 3,396         | 100                     | 2,736                    | 3,476                 | 19                     |
| Van Wert.....   | 3,532                | 3,739         | 334                     | 3,984                    | 3,957                 | 24                     |
| Vinton.....     | 1,607                | 2,055         | 23                      | 1,828                    | 2,085                 | 16                     |
| Warren.....     | 2,221                | 3,600         | 353                     | 2,794                    | 4,379                 | 32                     |
| Washington..... | 4,487                | 5,253         | 235                     | 5,182                    | 5,449                 | 54                     |
| Wayne.....      | 4,909                | 3,800         | 328                     | 5,588                    | 4,369                 | 156                    |
| Williams.....   | 2,856                | 3,183         | 307                     | 3,530                    | 3,191                 | 28                     |
| Wood.....       | 4,064                | 5,189         | 2,178                   | 6,653                    | 7,290                 | 81                     |
| Wyandot.....    | 3,017                | 2,167         | 149                     | 3,441                    | 2,374                 | 20                     |
| Total.....      | 368176               | 417199        | 106721                  | 477494                   | 525991                | 5,068                  |
| Plurality.....  |                      | 49,023        |                         |                          | 48,497                |                        |
| Per cent.....   | 40.00                | 45.30         | 11.59                   | 47.32                    | 52.11                 | 5.01                   |
| Scattering..... |                      | 28,776        |                         |                          | 5,740                 |                        |
| Whole vote..... |                      | 920,872       |                         |                          | 1,009,325             |                        |

Of the scattering vote for Governor in 1899 Ellis, Union Ref., received 7,799; Hammel, Pro., 5,825; Bandlow, Soc. L., 2,439.

The vote for Governor in 1897 was: Chapman, Dem., 401,750; Bushnell, Rep., 429,915; Coxe, Pop., 6,294; Holliday, Pro., 7,532; Watkins, Soc. L., 4,344; Richardson, Lib., 3,103; Dexter, Nat. Dem., 1,661; Lewis, Negro Protective, 483. Bushnell's plurality, 28,165.

The scattering vote for President in 1896 was: Bentley Nat. Pro., 2,716; Palmer, N. D., 1,857; Matchett, Soc. L., 1,167.

Bryan received 474,832 votes on the Democratic electoral ticket and 2,512 on the Populist electoral ticket.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

- County of Hamilton (part). J. F. Follett Dem., 13,981; W. B. Shattuck, Rep., 20,132; W. T. Cressler, Union Ref., 295. Shattuck's plurality, 6,152.
- County of Hamilton (part). C. L. Swain, Dem., 15,953; J. H. Bromwell, Rep., 22,576; J. D. Stuckey, Union Ref., 276. Bromwell's plurality, 3,508.
- Counties of Butler, Montgomery, and Preble. John L. Brenner, Dem., 21,449; W. J. White, Rep., 21,327. Brenner's majority, 122.
- Counties of Allen, Auglaize, Darke, Mercer, and Shelby. R. B. Gordon, Dem., 18,020; Philip Sheets, Rep., 12,276; W. H. Murphy, Union Ref., 962. Gordon's plurality, 5,744.
- Counties of Defiance, Henry, Paulding, Putnam, Van Wert, and Williams. David Meekison, Dem., 19,264; A. N. Wilcox, R. P., 15,612; F. D. Dunakin, Union Ref., 710. Meekison's plurality, 3,652.
- Counties\* of Brown, Clermont, Clinton, Greene, Highland, and Warren. L. H. Whiteman, Dem., 16,206; S. W. Brown, Rep., 18,896; P. McLaughlin, Union Ref., 761. Brown's plurality, 3,690.
- Counties of Clark, Fayette, Madison, Miami, and Pickaway. J. L. Zimmerman, Dem., 17,159; W. L. Weaver, Rep., 17,595; R. Rathbun, Union Ref., 745. Weaver's plurality, 408.
- Counties of Champaign, Delaware, Hancock, Hardin, Logan, and Union. H. W. Doy, Dem., 19,156; A. Lybrand, Rep., 21,560; S. Garwood, Union Ref., 1,069. Lybrand's plurality, 2,404.



OHIO—Continued.

IX. Counties of Fulton, Lucas, Ottawa, and Wood. S. E. Niece, Dem., 13,081; James H. Southard, Rep., 21,913; D. Milley, Union Ref., 16. Southard's plurality, 3,832.

X. Counties of Adams, Gallia, Jackson, Lawrence, Pike, and Scioto. A. Crabtree, Dem., 13,768; Stephen Morgan, Rep., 19,297. Morgan's majority, 5,528.

XI. Counties of Athens, Hocking, Meigs, Perry, Ross, and Vinton. C. E. Peoples, Dem., 16,434; Charles H. Grosvenor, Rep., 19,506; G. W. Dollison, Union Ref., 17. Grosvenor's plurality, 3,372.

XII. Counties of Fairfield and Franklin. John J. Lentz, Dem., 21,323; E. N. Huggins, Rep., 20,530; W. W. Johnson, Pro., 293; A. M. Smith, Union Ref., 233. Lentz's plurality, 702.

XIII. Counties of Crawford, Erie, Marion, Sandusky, Seneca, and Wyandot. James A. Norton, Dem., 21,410; H. L. Wenner, Rep., 17,606; O. J. Fry, Union Ref., 484; W. S. Payne, Pro., 43. Norton's plurality, 3,804.

XIV. Counties of Ashland, Huron, Knox, Lorain, Morrow, and Richland. T. A. Gruber, Dem., 19,134; W. S. Kerr, Rep., 22,464. Kerr's majority, 3,330.

XV. Counties of Guernsey, Morgan, Muskingum, Noble, and Washington. H. R. Stanbery, Dem., 16,509; H. C. Van Voorhis, Rep., 19,404. Van Voorhis' majority, 2,895.

XVI. Counties of Belmont, Carroll, Harrison, Jefferson, and Monroe. E. D. Moore, Dem., 13,377; Lorenzo Danford, Rep., 15,263. Danford's majority, 2,886.

XVII. Counties of Coshocton, Holmes, Licking, Tuscarawas, and Wayne. John A. McDowell, Dem., 19,989; G. E. Broome, Rep., 16,015. McDowell's majority, 3,973.

XVIII. Counties of Columbiana, Mahoning, and Stark. C. C. Weybrecht, Dem., 19,575; R. W. Taylor, Rep., 22,655; S. Borton, Soc. L., 686; G. C. Harvey, Pro., 614; L. B. Logan, Union Ref., 212. Taylor's plurality, 3,060.

XIX. Counties of Ashtabula, Geauga, Portage, Summit, and Trumbull. Short term—B. E. Nevin, Dem., 12,574; Charles Dick, Rep., 23,359. Dick's majority, 10,785. Long term—J. H. Phelps, Dem., 12,612; Charles Dick, Rep., 23,353. Dick's majority, 10,741.

XX. Counties of Lake, Medina, and Cuyahoga (part). W. J. Hart, Dem., 11,992; F. O. Phillips, Rep., 16,894; R. Barthels, Soc. L., 975; M. O. Morton, Union Ref., 17. Phillips' plurality, 4,902.

XXI. County of Cuyahoga (part). L. A. Russell, Dem., 10,823; T. E. Burton, Rep., 17,599; J. J. Koller, Soc. L., 1,324. Burton's plurality, 6,776.

OHIO—Continued.

PRESENT STATE GOVERNMENT.

Governor, George K. Nash; Lieutenant-Governor, John A. Caldwell; Secretary of State, Charles Kinney; Treasurer, Isaac B. Cameron; Auditor, W. D. Guilbert; Commissioner of Common Schools, Lewis D. Bonebrake; Attorney-General, John M. Sheets; Adjutant-General, H. A. Kingsley; Secretary State Board of Agriculture, W. W. Miller; Commissioner of Insurance, W. S. Matthews—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, John A. Shauck; Associate Justices, T. A. Minshall, William Z. Davis, Marshall J. Williams, Jacob F. Burket, and William T. Spear; Clerk, Josiah B. Allen—all Republicans.

STATE LEGISLATURE, 1900.

Senate. House. Joint Ballot.

|                       |    |    |    |
|-----------------------|----|----|----|
| Republicans.....      | 19 | 62 | 81 |
| Ind. Republicans..... | 1  | 3  | 4  |
| Democrats.....        | 9  | 45 | 54 |
| Republican majority.  | 9  | 14 | 23 |

VOTE OF THE STATE SINCE 1872.

|                          | Dem.    | Rep.    | Gr.    | Pro       | Plu.     |
|--------------------------|---------|---------|--------|-----------|----------|
| 1872. Pres. ....         | 241,484 | 281,852 | ....   | 2,100     | 40,268 R |
| 1876. Pres. ....         | 323,182 | 330,698 | ....   | 1,636     | 7,518 R  |
| 1877. Gov. ....          | 271,825 | 249,105 | ....   | 4,896     | 22,520 D |
| 1879. Gov. ....          | 319,132 | 336,261 | 9,072  | 4,145     | 17,129 R |
| 1880. Pres. ....         | 340,821 | 375,048 | 6,456  | 2,616     | 34,327 R |
| 1881. Gov. ....          | 288,426 | 312,735 | 6,330  | 16,597    | 24,309 R |
| 1882. Sec. of S. 816,874 | 297,759 | 5,845   | 12,202 | 19,115 D  |          |
| 1883. Gov. ....          | 359,693 | 247,164 | 2,949  | 8,362     | 12,529 D |
| 1884. Pres. ....         | 363,286 | 400,082 | 5,170  | 11,269    | 31,802 R |
| 1885. Gov. ....          | 341,830 | 359,281 | 2,001  | 28,081    | 17,451 R |
| 1886. Sec. of S. 329,314 | 341,065 | 2,010   | 28,982 | 11,781 R  |          |
|                          |         | Lab.    |        |           |          |
| 1887. Gov. ....          | 323,205 | 356,534 | 24,711 | 29,700    | 93,299 R |
| 1888. Pres. ....         | 396,455 | 416,054 | 3,496  | 24,356    | 19,599 R |
| 1889. Gov. ....          | 379,423 | 368,551 | 1,048  | 26,504    | 10,872 D |
| 1890. Sec. of S. 552,579 | 363,548 | 1,752   | 23,837 | 10,970 R  |          |
|                          |         | Pop.    |        |           |          |
| 1891. Gov. ....          | 365,223 | 386,739 | 28,472 | 20,223    | 21,511 R |
| 1892. Pres. ....         | 404,115 | 405,187 | 14,850 | 25,012    | 1,002 R  |
| 1893. Gov. ....          | 352,347 | 493,342 | 15,563 | 22,405    | 80,995 R |
| 1894. Sec. of S. 276,902 | 413,939 | 49,495  | 33,237 | 137,087 R |          |
| 1895. Gov. ....          | 334,519 | 427,141 | 52,675 | 21,264    | 92,622 R |
|                          |         | N. D.   |        |           |          |
| 1896. Sec. of S. 473,471 | 525,020 | ....    | 5,469  | 51,549 R  |          |
| 1896. Pres. ....         | 477,494 | 525,991 | 1,857  | 5,068     | 48,497 R |
| 1897. Gov. ....          | 401,750 | 429,915 | 1,661  | 7,553     | 28,165 R |
| 1898. Sec. of S. 347,074 | 408,213 | ....    | 7,639  | 61,139 R  |          |
|                          |         | U. R.   |        |           |          |
| 1899. Gov. ....          | 368,176 | 417,199 | 7,799  | 5,825     | 49,023 R |

OKLAHOMA.

The vote for Delegate to Congress in 1893 was as follows: Keaton, Fus., 19,063; Dennis T. Flynn, Rep., 28,456; Hankins, Pop., 1,369. Flynn's plurality, 9,268.

TERRITORIAL LEGISLATURE, 1900.

The Council stands: Democrats, 2; Fusion, 3; Republicans, 8. The House stands: Democrats, 3; Fusion, 3; Republicans, 17; Populists, 3.

TERRITORIAL GOVERNMENT.

Governor, Cassius M. Barnes; Secretary, William M. Jenkins; Treasurer, E. M. Thompson; Attorney-General, H. S. Cunningham; Superintendent of Education and Auditor, S. N. Hopkins—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, J. H. Burford; Associate Justices, C. E. Irwin, B. F. Burwell, B. T. Hainer, and John L. McAtee; Clerk of the Court, B. F. Hegler—all Republicans but McAtee, who is a Gold Democrat.

OREGON.

| COUNTIES.<br>(32.) | GOVERNOR, 1896. |               |               | PRESIDENT, 1896.         |                       |                       |
|--------------------|-----------------|---------------|---------------|--------------------------|-----------------------|-----------------------|
|                    | King,<br>Fus.   | Geer,<br>Rep. | Luce,<br>Pop. | Bryan,<br>D.P.<br>F.S.R. | Mc-<br>Kinley<br>Rep. | Pal-<br>mer,<br>N. D. |
| Baker.....         | 1,436           | 1,191         | 115           | 1,849                    | 915                   | 95                    |
| Benton.....        | 872             | 995           | 21            | 991                      | 1,074                 | 23                    |
| Clakamas.....      | 1,772           | 2,161         | 141           | 2,385                    | 2,664                 | 46                    |
| Clatsop.....       | 809             | 1,583         | 86            | 1,124                    | 1,894                 | 39                    |
| Columbia.....      | 534             | 724           | 64            | 829                      | 1,022                 | 15                    |
| Coos.....          | 1,013           | 957           | 139           | 1,552                    | 1,105                 | 26                    |
| Crook.....         | 492             | 667           | 25            | 576                      | 607                   | 29                    |
| Curry.....         | 252             | 301           | 6             | 298                      | 300                   | 7                     |
| Douglas.....       | 1,789           | 1,653         | 30            | 2,049                    | 1,917                 | 21                    |
| Gilliam.....       | 342             | 554           | 44            | 469                      | 551                   | 3                     |
| Grant.....         | 678             | 973           | 112           | 859                      | 736                   | 37                    |
| Harney.....        | 416             | 347           | 54            | 519                      | 270                   | 5                     |
| Jackson.....       | 1,277           | 1,350         | 389           | 2,362                    | 1,387                 | 24                    |
| Josephine.....     | 894             | 825           | 55            | 1,189                    | 844                   | 41                    |
| Klamath.....       | 342             | 459           | 41            | 463                      | 346                   | 8                     |
| Lake.....          | 228             | 433           | 10            | 323                      | 351                   | 2                     |
| Lane.....          | 1,685           | 1,929         | 138           | 2,593                    | 2,251                 | 75                    |
| Lincoln.....       | 414             | 479           | 14            | 553                      | 583                   | 13                    |
| Linn.....          | 2,026           | 1,902         | 145           | 2,731                    | 2,054                 | 36                    |
| Malheur.....       | 555             | 387           | 27            | 552                      | 312                   | 15                    |
| Marion.....        | 2,713           | 3,216         | 70            | 3,420                    | 3,744                 | 108                   |
| Morrow.....        | 470             | 592           | 27            | 543                      | 556                   | 16                    |
| Multnomah.....     | 4,637           | 10,351        | 266           | 6,446                    | 11,824                | 178                   |
| Polk.....          | 1,170           | 1,267         | 60            | 1,333                    | 1,253                 | 22                    |
| Sherman.....       | 285             | 473           | 41            | 418                      | 428                   | 7                     |
| Tillamook.....     | 323             | 635           | 46            | 537                      | 631                   | 8                     |
| Umatilla.....      | 1,466           | 1,847         | 112           | 2,081                    | 1,859                 | 36                    |
| Union.....         | 1,453           | 1,625         | 245           | 2,154                    | 1,303                 | 19                    |
| Wallowa.....       | 354             | 350           | 170           | 640                      | 380                   | 11                    |
| Wasco.....         | 923             | 1,360         | 41            | 1,263                    | 1,701                 | 23                    |
| Washington.....    | 1,319           | 1,743         | 89            | 1,566                    | 2,082                 | 13                    |
| Yamhill.....       | 1,336           | 1,646         | 55            | 1,730                    | 1,762                 | 27                    |
| Total.....         | 34,542          | 45,993        | 2,878         | 46,062                   | 48,779                | 977                   |
| Plurality.....     |                 | 10,551        |               |                          | 2,117                 |                       |
| Per cent.....      | 40.76           | 53.24         | 3.38          | 49.91                    | 50.01                 | 1.00                  |
| Scattering.....    |                 | 3,212         |               |                          | 919                   |                       |
| Whole vote.....    |                 | 85,773        |               |                          | 97,337                |                       |

The scattering vote for Governor in 1895 was for Clinton, Pro. The scattering vote of 1896 was for Levering, Pro.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

I. R. M. Veatch, Fus., 19,337; Thomas H. Tongue, Rep., 21,324; J. L. Hill, Pop., 1,853; L. H. Pederson, Pro., 1,113. Tongue's plurality, 2,037.  
II. C. M. Donaldson, Fus., 14,634; M. A. Moody, Rep., 21,291; H. E. Courtney, Pop., 2,273; G. W. Ingalls, Pro., 1,120. Moody's plurality, 6,657.

PRESENT STATE GOVERNMENT.

Governor, T. T. Geer; Secretary of State and Auditor, F. L. Dugbar; State Treasurer, C. S. Moore; Superintendent of Public Instruction, J. H. Ackerman; Adjutant-General, C. U. Gantenbein; Attorney-General, D. R. Blackburn—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, Charles E. Wolverson; Justices, Robert S. Bean and Frank A. Moore; Clerk, J. J. Murphy—all Republicans.

STATE LEGISLATURE, 1899.

|                              | Senate. House. Joint Ballot. |    |    |    |
|------------------------------|------------------------------|----|----|----|
| Republicans.....             | 24                           | 42 | 66 | 11 |
| Populists & Free Silver..... | 3                            | 16 | 19 | 11 |
| Democrats.....               | 3                            | 1  | 4  | 1  |
| Republican majority.....     | 18                           | 25 | 43 |    |

VOTE OF THE STATE SINCE 1872.

|                    | Dem.   | Rep.   | Lab.  | Pro.   | Fus.         |
|--------------------|--------|--------|-------|--------|--------------|
| 1872. Pres. 7,753  | 11,518 |        |       |        | 4,065 R      |
| 1876. Pres. 14,158 | 15,208 |        |       |        | 1,050 R      |
| 1880. Pres. 19,948 | 20,619 | 249    |       |        | 671 R        |
| 1884. Pres. 24,604 | 26,860 | 726    | 492   |        | 2,256 R      |
| 1888. Pres. 26,522 | 33,291 | 363    | 1,677 |        | 6,769 R      |
|                    |        |        |       |        | Pop. Fusion. |
| 1892. Pres. 14,243 | 35,002 | 26,965 | 2,281 | 35,813 | 811 F        |
| 1894. Gov. 17,365  | 41,139 | 26,723 | 1,932 |        | 15,001 R     |
| 1896. Pres. ....   | 48,779 |        |       | 46,662 | 2,117 R      |
| 1898. Gov. ....    | 45,093 | 2,878  | 2,219 | 34,542 | 10,561 R     |

PENNSYLVANIA.

| COUNTIES.<br>(67.) | TREASURER,<br>1899. |                  |                    | PRESIDENT,<br>1896.     |                       |                       |
|--------------------|---------------------|------------------|--------------------|-------------------------|-----------------------|-----------------------|
|                    | Creasy,<br>Dem.     | Barrett,<br>Rep. | Cald well,<br>Pro. | Bryan<br>Dem.<br>& Pop. | Mc-<br>Kinley<br>Rep. | Pal-<br>mer,<br>N. D. |
| Adams.....         | 3,856               | 2,199            | 79                 | 3,814                   | 4,170                 | 98                    |
| Allegheny.....     | 13,511              | 30,004           | 687                | 29,809                  | 76,691                | 452                   |
| Armstrong.....     | 4,059               | 5,621            | 75                 | 3,825                   | 6,295                 | 22                    |
| Beaver.....        | 3,104               | 4,365            | 190                | 4,322                   | 6,842                 | 37                    |
| Bedford.....       | 3,167               | 3,777            | 77                 | 3,605                   | 4,937                 | 77                    |
| Berks.....         | 10,448              | 5,661            | 125                | 18,099                  | 10,318                | 416                   |
| Blair.....         | 3,283               | 5,040            | 275                | 4,840                   | 10,282                | 167                   |
| Bradford.....      | 3,292               | 5,815            | 355                | 4,398                   | 9,422                 | 58                    |
| Bucks.....         | 7,148               | 6,811            | 203                | 6,685                   | 9,798                 | 312                   |
| Butler.....        | 3,654               | 4,795            | 232                | 5,127                   | 6,821                 | 26                    |
| Cambria.....       | 6,213               | 6,846            | 276                | 6,843                   | 8,865                 | 81                    |
| Cameron.....       | 414                 | 593              | 38                 | 515                     | 925                   | 9                     |
| Carbon.....        | 3,428               | 2,912            | 138                | 3,609                   | 4,534                 | 130                   |
| Centre.....        | 4,260               | 3,814            | 163                | 4,546                   | 4,880                 | 93                    |
| Chester.....       | 5,490               | 8,021            | 417                | 6,058                   | 14,232                | 246                   |
| Clarion.....       | 2,519               | 1,755            | 125                | 4,097                   | 3,393                 | 20                    |
| Clearfield.....    | 4,236               | 4,842            | 484                | 6,460                   | 7,395                 | 91                    |
| Clinton.....       | 2,597               | 2,332            | 122                | 3,053                   | 3,486                 | 104                   |
| Columbia.....      | 3,959               | 1,824            | 269                | 4,904                   | 3,280                 | 77                    |
| Crawford.....      | 5,607               | 6,578            | 293                | 8,393                   | 7,551                 | 50                    |
| Cumberland.....    | 5,473               | 4,581            | 278                | 5,202                   | 6,178                 | 102                   |
| Dauphin.....       | 5,356               | 8,504            | 664                | 6,584                   | 13,752                | 263                   |
| Delaware.....      | 3,209               | 6,650            | 258                | 4,169                   | 14,979                | 184                   |
| Elk.....           | 2,272               | 1,130            | 152                | 2,717                   | 2,807                 | 44                    |
| Erie.....          | 4,550               | 7,180            | 375                | 9,210                   | 11,219                | 193                   |
| Fayette.....       | 7,501               | 7,829            | 220                | 8,349                   | 9,268                 | 60                    |
| Forest.....        | 582                 | 852              | 69                 | 805                     | 1,224                 | 6                     |
| Franklin.....      | 3,226               | 4,820            | 155                | 4,425                   | 6,747                 | 139                   |
| Fulton.....        | 1,037               | 717              | 23                 | 1,246                   | 1,083                 | 8                     |
| Greene.....        | 3,060               | 1,706            | 37                 | 4,198                   | 2,453                 | 20                    |
| Huntingdon.....    | 1,834               | 2,615            | 174                | 2,905                   | 4,969                 | 97                    |
| Indiana.....       | 1,200               | 3,617            | 213                | 2,752                   | 5,218                 | 27                    |
| Jefferson.....     | 2,368               | 3,765            | 340                | 3,617                   | 5,500                 | 35                    |
| Juniata.....       | 1,526               | 1,473            | 65                 | 1,819                   | 2,059                 | 25                    |
| Lackawanna.....    | 8,234               | 8,576            | 568                | 11,873                  | 18,737                | 112                   |
| Lancaster.....     | 4,854               | 13,128           | 254                | 8,145                   | 24,337                | 498                   |
| Lawrence.....      | 1,624               | 3,187            | 349                | 3,013                   | 6,228                 | 13                    |
| Lebanon.....       | 2,143               | 3,739            | 140                | 2,815                   | 7,268                 | 107                   |
| Lehigh.....        | 7,710               | 5,902            | 144                | 9,369                   | 9,607                 | 325                   |
| Luzerne.....       | 14,406              | 13,453           | 766                | 17,305                  | 22,718                | 304                   |
| Lycoming.....      | 6,169               | 4,892            | 712                | 7,340                   | 8,097                 | 167                   |
| McKean.....        | 1,895               | 3,414            | 396                | 3,074                   | 5,077                 | 55                    |
| Mercer.....        | 3,852               | 5,170            | 302                | 5,040                   | 7,262                 | 31                    |
| Mifflin.....       | 1,907               | 1,813            | 73                 | 2,052                   | 2,862                 | 76                    |
| Monroe.....        | 2,594               | 826              | 94                 | 2,857                   | 1,447                 | 79                    |
| Montgomery.....    | 9,832               | 9,056            | 222                | 9,985                   | 17,329                | 606                   |
| Montour.....       | 1,217               | 676              | 50                 | 1,747                   | 1,584                 | 56                    |
| Northampton.....   | 8,638               | 6,011            | 310                | 10,052                  | 9,762                 | 560                   |
| N'thumbler'd.....  | 6,781               | 6,624            | 461                | 7,397                   | 8,059                 | 120                   |
| Perry.....         | 2,340               | 2,487            | 74                 | 2,477                   | 3,377                 | 54                    |
| Philadelphia.....  | 40,371              | 110,035          | 1,692              | 68,323                  | 176,462               | 3,115                 |
| Pike.....          | 778                 | 345              | 22                 | 1,123                   | 778                   | 25                    |
| Potter.....        | 1,830               | 2,172            | 244                | 2,446                   | 3,281                 | 28                    |
| Schuykill.....     | 14,198              | 11,936           | 235                | 14,746                  | 17,045                | 359                   |
| Snyder.....        | 1,058               | 1,994            | 37                 | 351                     | 2,872                 | 23                    |
| Somerset.....      | 1,430               | 3,508            | 128                | 2,256                   | 5,361                 | 14                    |
| Sullivan.....      | 1,153               | 1,000            | 76                 | 1,300                   | 2,215                 | 29                    |
| Susquehanna.....   | 3,206               | 4,053            | 427                | 4,638                   | 5,510                 | 36                    |
| Tioga.....         | 1,768               | 4,025            | 228                | 2,828                   | 7,922                 | 72                    |
| Union.....         | 1,001               | 1,515            | 73                 | 1,136                   | 1,548                 | 62                    |
| Venango.....       | 3,100               | 3,913            | 593                | 5,599                   | 5,133                 | 32                    |
| Warren.....        | 1,876               | 3,652            | 590                | 3,043                   | 4,846                 | 63                    |
| Washington.....    | 4,928               | 6,770            | 258                | 7,384                   | 10,798                | 332                   |
| Wayne.....         | 2,707               | 2,399            | 233                | 2,473                   | 3,708                 | 91                    |
| Westmorel'd.....   | 11,719              | 13,356           | 320                | 11,029                  | 14,928                | 30                    |
| Wyoming.....       | 1,917               | 1,913            | 120                | 1,901                   | 3,373                 | 17                    |
| York.....          | 11,346              | 8,010            | 360                | 13,054                  | 12,288                | 365                   |
| Total.....         | 327,512             | 439,000          | 18,072             | 433,228                 | 725,900               | 11,000                |
| Plurality.....     |                     | 110,488          |                    |                         | 285,072               |                       |
| Per cent.....      | 41.43               | 55.41            | 2.28               | 35.20                   | 60.90                 | 0.90                  |
| Scattering.....    |                     | 6,904            |                    |                         | 21,827                |                       |
| Whole vote.....    |                     | 730,489          |                    |                         | 1,194,355             |                       |

Of the scattering vote for Treasurer in 1899 Watkins, Pop., received 1,988; Clark, Soc. L., 375; Wood, Un. Ref., 506; Creasy, Anti-Trust, 657. The scattering vote in 1896 was: Levering, Pro., 19,274; Matchett, Soc. L., 1,638; Bentley, Nat. Pro., 870. Bryan's Populist vote was 6,103.

PENNSYLVANIA—Continued.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

- I. County of Philadelphia (part). M. F. Doyle Dem., 8,213; H. H. Bingham, Rep., 25,665; J. H. Holtz, Pro., 1,091; J. E. Lennon, League Is. Devel., 653.
- II. County of Philadelphia (part). H. V. Hetzel, Dem., 3,850; R. Adams, Jr., Rep., 19,547.
- III. County of Philadelphia (part). W. McAleer, Dem., 5,216; Rep. (for same candidate as Dem.), 13,105; E. M. Marsh, Pro., 340.
- IV. County of Philadelphia (part). G. Sibley, Dem., 12,250; J. R. Young, Rep., 41,627; C. C. Hancock, Pro., 3,372.
- V. County of Philadelphia (part). F. D. Wright, Dem., 9,943; A. C. Harmer, Rep., 39,239.
- VI. Counties of Chester and Delaware. W. H. Berry, Dem., 6,511; T. S. Butler, Rep., 15,189; J. B. Robinson, Citizens, 6,481; scattering, 58.
- VII. Counties of Bucks and Montgomery. C. Rorer, Dem., 17,872; I. P. Wanger, Rep., 21,567; H. Leopold, Pro., 1,195.
- VIII. Counties of Northampton, Monroe, Pike, and Carbon. L. H. Barker, Dem., 16,400; W. Kirkpatrick, Rep., 13,516.
- IX. Counties of Berks and Lehigh. D. Ermentrout, Dem., 24,137; J. S. Parvin, Rep., 16,613; W. W. Lowman, Pro., 934; I. P. Merkel, Soc. L., 453.
- X. County of Lancaster. A. J. Steinman, Dem., 7,083; M. Brosius, Rep., 17,482; W. L. Jackson, Pro., 1,202.
- XI. County of Lackawanna. M. F. Sando, Dem., 9,861; W. Connell, Rep., 11,404; F. Leach, Pro., 2,952; J. Burschel, Soc. L., 329; F. Leach, Honest Govt., 212.
- XII. County of Luzerne. S. W. Davenport, Dem., 17,220; M. B. Williams, Rep., 15,772; J. B. Hunter, Pro., 1,498.
- XIII. County of Schuylkill. J. W. Ryan, Dem., 15,042; C. N. Brumm, Rep., 15,542; P. Walker, Soc. L., 176.
- XIV. Counties of Dauphin, Lebanon, and Perry. W. W. Gray, Dem., 9,926; M. E. Olmsted, Rep., 19,352; L. L. Grumbine, Pro., 2,564.
- XV. Counties of Bradford, Susquehanna, Wayne, and Wyoming. A. B. Gammell, Dem., 9,331; C. F. Wright, Rep., 14,541; C. S. Russell, Pro., 2,416.
- XVI. Counties of Tioga, Potter, Lycoming, and Clinton. J. F. Strieby, Dem., 12,858; H. E. Packer, Rep., 15,839; L. P. Thurston, Pro., 3,378.
- XVII. Counties of Northumberland, Columbia, Montour, and Sullivan. R. K. Polk, Dem., 14,792; W. H. Woodin, Rep., 12,487; J. M. Caldwell, Pro., 1,265.
- XVIII. Counties of Franklin, Fulton, Huntingdon, Juniata, Snyder, Union, and Mifflin. R. McMeen, Dem., 12,921; T. M. Mahon, Rep., 17,722.
- XIX. Counties of Adams, Cumberland, and York. E. D. Ziegler, Dem., 20,126; R. J. Lewis, Rep., 19,016.
- XX. Counties of Cambria, Blair, Somerset, and Bedford. J. M. Walters, Dem., 17,858; J. E. Thropp, Rep., 19,358; J. J. Irwin, Pro., 2,091; J. McMahon, Soc. L., 244.
- XXI. Counties of Westmoreland, Armstrong, Indiana, and Jefferson. J. R. Spiegel, Dem., 16,191; S. M. Jack, Rep., 23,377; T. J. Baldrige, Pro., 2,360.
- XXII. County of Allegheny (part). G. W. Acklin, Dem., 11,049; J. Datzell, Rep., 25,693; H. L. Castle, Pro., 1,219; V. Reumel, Soc. L., 527; T. H. Grundy, Union, 121.
- XXIII. County of Allegheny (part). J. H. Stevenson, Dem., 5,608; W. H. Graham, Rep., 14,008; F. C. Brittan, Rep., 691; E. Schwartz, Soc. L., 223; W. A. Klinger, Union, 35.

PENNSYLVANIA—Continued.

- XXIV. Counties of Fayette, Greene, Washington, and Allegheny (part). M. C. Cochran, Dem., 21,390; E. F. Acheson, Rep., 25,521.
- XXV. Counties of Beaver, Lawrence, Mercer, and Butler. M. L. Lockwood, Dem., 15,271; J. B. Showalter, Rep., 18,220; J. A. Bailey, Pro., 2,006.
- XXVI. Counties of Crawford and Erie. A. Gaston, Dem., 13,516; G. H. Higgins, Rep., 13,432; F. A. Loveland, Pro., 1,291.
- XXVII. Counties of Venango, Warren, McKean, and Cameron. J. C. Sibley, Dem., 14,138; C. W. Stone, Rep., 11,757; W. W. Hague, Pro., 1,223.
- XXVIII. Counties of Clarion, Forest, Elk, Clearfield, and Centre. J. K. P. Hall, Dem., 17,550; W. C. Arnold, Rep., 14,309; G. W. Rheem, Pro., 1,898.

*At Large* (two Representatives voted for).—F. P. Iams, Dem., 350,213; J. N. Weiler, Dem., 356,650; Galusha A. Grow, Rep., 532,488; S. A. Davenport, Rep., 520,730; Gruber, Pro., 48,600; Sharpless, Pro., 47,543; Johnston, Pop., 3,995; Weiler, Pop., 847; Root, Soc. L., 4,495; Munro, Soc. L., 4,300; Guss, Lib., 339; Shaw, Lib., 837. Grow's plurality, 176,198; Davenport's plurality, 164,123.

PRESENT STATE GOVERNMENT.

Governor, William A. Stone; Lieutenant-Governor, J. P. S. Gobin; Secretary of the Commonwealth, William W. Griest; Treasurer, Jas. S. Beacom; Auditor-General, L. G. McCauley; Adjutant-General, Thomas J. Stewart; Attorney-General, John P. Elkin; Superintendent of Public Instruction, N. C. Schaeffer; Insurance Commissioner, Israel W. Durham; Commissioner of Banking, Thomas J. Powers—all Republicans except Schaeffer, Dem.

JUDICIARY.

Supreme Court: Chief Justice, Henry Green; Associate Justices, J. Hay Brown, James T. Mitchell, J. B. McCollum, John Dean, D. Newlin Fell, and S. L. Mestrezat; Prothonotaries, Eastern District, Charles S. Greene; Middle District, William Pearson; Western District, George Pearson—all Republicans except Justices McCollum and Mestrezat, who are Democrats.

STATE LEGISLATURE, 1899.

|                      | Senate. | House. | Joint Ballot. |
|----------------------|---------|--------|---------------|
| Republicans.....     | 37      | 127    | 164           |
| Democrats.....       | 13      | 71     | 84            |
| Fusion.....          | 0       | 6      | 6             |
| Republican majority. | 24      | 50     | 74            |

VOTE OF THE STATE SINCE 1872.

|                  | Dem.    | Rep.    | Gr.                       | Pro.    | Plu.      |
|------------------|---------|---------|---------------------------|---------|-----------|
| 1872. Pres.....  | 212,041 | 349,589 | .....                     | 1,630   | 137,548 R |
| 1876. Pres.....  | 366,204 | 324,148 | 7,204                     | 1,318   | 17,944 R  |
| 1880. Pres.....  | 407,423 | 444,704 | 20,665                    | 1,939   | 37,276 R  |
| 1884. Pres.....  | 392,785 | 473,804 | 16,992                    | 15,233  | 81,019 R  |
| 1888. Pres.....  | 446,635 | 526,091 | 3,873                     | 20,947  | 79,452 R  |
| 1890. Gov.....   | 464,209 | 447,655 | .....                     | 16,108  | 16,554 D  |
| 1891. Treas..... | 355,617 | 419,994 | .....                     | 18,429  | 54,377 R  |
| 1892. Pres.....  | 452,264 | 516,011 | { S. L. 898<br>Pop. 8,714 | 25,123  | 63,747 R  |
| 1893. Treas..... | 307,102 | 442,248 | 6,979                     | 21,358  | 135,146 R |
| 1894. Gov.....   | 333,404 | 574,801 | 19,484                    | 23,443  | 241,397 R |
| 1895. Treas..... | 282,481 | 486,745 | 7,802                     | 20,779  | 174,264 R |
| 1896. Pres.....  | 433,228 | 728,300 | 11,000                    | 19,274  | 295,072 R |
| 1897. An.-G..... | 268,341 | 412,652 | .....                     | 58,876  | 144,311 R |
| 1898. Gov.....   | 358,300 | 476,306 | .....                     | 125,746 | 118,006 R |
| 1899. Treas..... | 327,512 | 438,000 | .....                     | 18,072  | 110,488 R |

RHODE ISLAND.

| COUNTIES.<br>(5.) | GOVERNOR,<br>1899. |               | PRESIDENT,<br>1896. |                       |                       |                        |
|-------------------|--------------------|---------------|---------------------|-----------------------|-----------------------|------------------------|
|                   | Greene<br>Dem.     | Dyer,<br>Rep. | Bryan,<br>Dem.      | Mc-<br>Kinley<br>Rep. | Pal-<br>mer,<br>N. D. | Lev-<br>ering,<br>Pro. |
| Bristol .....     | 597                | 949           | 424                 | 1,321                 | 85                    | 42                     |
| Kent .....        | 808                | 1,812         | 645                 | 2,817                 | 84                    | 75                     |
| Newport .....     | 1,721              | 2,762         | 1,092               | 3,415                 | 144                   | 92                     |
| Providence .....  | 10,818             | 16,789        | 11,644              | 26,844                | 794                   | 554                    |
| Washington ..     | 668                | 1,996         | 645                 | 3,040                 | 109                   | 397                    |
| Total .....       | 14,602             | 24,308        | 14,459              | 37,437                | 1,166                 | 1,160                  |
| Plurality .....   | 9,706              |               | 23,978              |                       |                       |                        |
| Per cent .....    | 33.86              | 56.34         | 26.33               | 68.34                 | 2.14                  | 2.13                   |
| Scattering .....  | 4,220              |               | 563                 |                       |                       |                        |
| Whole vote ..     | 43,130             |               | 54,785              |                       |                       |                        |

The scattering vote for Governor in 1899 was: Herrick, Soc. L., 2,941; Peckham, Pro., 1,279.  
The scattering vote for President in 1896 was: Matchett, Soc. L., 558; Bentley, Nat. Pro., 5.

VOLE FOR REPRESENTATIVES IN CONGRESS, 1898.  
Districts.

- I. John W. Hogan, Dem., 6,714; Melville Bull, Rep., 12,268; Charles T. Tilley, Pro. 482; E. W. Theinert, Soc. L., 1,117. Bull's plurality, 5,554.
- II. Lucius F. C. Garvin, Dem., 6,492; Adin B. Capron, Rep., 9,641; Frank B. Smith, Pro., 517; Charles H. Dana, Soc. L., 1,534. Capron's plurality, 2,549.

PRESENT STATE GOVERNMENT.

Governor, Elisha Dyer; Lieutenant-Governor, William Gregory; Secretary of State, Charles P. Bennett; Attorney-General, W. B. Tanner; General Treasurer, Walter A. Read; Adjutant-General, F. M. Sackett; Auditor, Charles C. Grey; Superintendent of Education, T. B. Stockwell—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, Charles Matteson; Associate Justices, John H. Stiness, Pardon E. Tillingham, George A. Wilbur, Horatio Rogers, W. W. Douglas, and Edward C. Dubois; Clerk of the Court, B. S. Blaisdell—all Republicans.

STATE LEGISLATURE, 1900.

|                      | Senate. | House. | Joint Ballot. |
|----------------------|---------|--------|---------------|
| Republicans .....    | 31      | 58     | 89            |
| Democrats .....      | 6       | 13     | 19            |
| Prohibitionist ..... | —       | 1      | 1             |
| Republican majority. | 25      | 44     | 69            |

VOLE OF THE STATE SINCE 1872.

|                    | Dem.   | Rep.   | Gr.   | Pro.  | Plu.     |
|--------------------|--------|--------|-------|-------|----------|
| 1872. President .. | 5,329  | 13,665 | ...   | ...   | *8,336 R |
| 1876. President .. | 10,712 | 15,787 | ...   | ...   | *5,075 R |
| 1880. President .. | 10,779 | 18,195 | 236   | ...   | 7,416 R  |
| 1884. President .. | 12,391 | 19,030 | 422   | 928   | 6,639 R  |
| 1888. President .. | 17,530 | 21,968 | ...   | 1,250 | 4,433 R  |
| <i>Not.</i>        |        |        |       |       |          |
| 1891. Governor ..  | 22,249 | 20,995 | 384   | 1,829 | 1,254 D  |
| 1892. Governor ..  | 25,329 | 27,466 | 186   | 1,580 | 2,037 R  |
| <i>Pop.</i>        |        |        |       |       |          |
| 1892. President .. | 24,335 | 26,972 | 227   | 1,654 | 2,637 R  |
| 1893. President .. | 22,015 | 21,830 | ...   | 3,265 | 185 D    |
| 1894. Governor ..  | 22,650 | 28,957 | 223   | 2,241 | 6,307 R  |
| 1895. Governor ..  | 14,289 | 25,098 | 369   | 2,624 | 10,809 R |
| <i>N. D.</i>       |        |        |       |       |          |
| 1896. Governor ..  | 17,061 | 28,472 | ...   | 2,950 | 11,411 R |
| 1896. President .. | 14,459 | 37,437 | 1,166 | 1,160 | 22,978 R |
| 1897. Governor ..  | 13,675 | 21,309 | ...   | 2,096 | 10,634 R |
| 1898. Governor ..  | 13,224 | 24,743 | ...   | 2,012 | 11,519 R |
| <i>Soc. L.</i>     |        |        |       |       |          |
| 1899. Governor ..  | 14,602 | 24,308 | 2,941 | 1,279 | 9,706 R  |

\*Majority.

SOUTH CAROLINA.

| COUNTIES.<br>(41.) | GOVERNOR,<br>1898.                    | PRESIDENT,<br>1896. |                       |                       |
|--------------------|---------------------------------------|---------------------|-----------------------|-----------------------|
|                    | Ellerbe,<br>Dem.<br>(Only Candidate.) | Bryan,<br>Dem.      | Mc-<br>Kinley<br>Rep. | Pal-<br>mer,<br>N. D. |
| Abbeville .....    | 829                                   | 2,473               | 337                   | 1                     |
| Aiker .....        | 700                                   | 1,819               | 137                   | 11                    |
| Anderson .....     | 899                                   | 3,109               | 398                   | 17                    |
| Bamberg .....      | 449                                   | ...                 | ...                   | ...                   |
| Barnwell .....     | 808                                   | 2,865               | 259                   | 3                     |
| Beaufort .....     | 446                                   | 289                 | 444                   | ...                   |
| Berkeley .....     | 496                                   | 613                 | 143                   | 9                     |
| Charleston .....   | 1,142                                 | 1,659               | 1,262                 | 549                   |
| Chester .....      | 578                                   | 1,254               | 76                    | 10                    |
| Chesterfield ..    | 810                                   | 1,465               | 220                   | ...                   |
| Clarendon .....    | 705                                   | 1,450               | 207                   | ...                   |
| Colleton .....     | 590                                   | 1,646               | 343                   | 6                     |
| Charokey .....     | 505                                   | ...                 | ...                   | ...                   |
| Darlington .....   | 544                                   | 1,625               | 201                   | 21                    |
| Dorchester .....   | 444                                   | ...                 | ...                   | ...                   |
| Edgefield .....    | 627                                   | 1,632               | 216                   | 7                     |
| Fairfield .....    | 379                                   | 1,078               | 54                    | ...                   |
| Florence .....     | 592                                   | 1,630               | 136                   | 85                    |
| Georgetown .....   | 456                                   | 1,479               | 734                   | 36                    |
| Greenville .....   | 677                                   | 2,718               | 238                   | 35                    |
| Greenwood .....    | 774                                   | ...                 | ...                   | ...                   |
| Hampton .....      | 578                                   | 1,072               | 25                    | ...                   |
| Horry .....        | 807                                   | 1,372               | 196                   | ...                   |
| Kershaw .....      | 403                                   | 1,191               | 139                   | 2                     |
| Lancaster .....    | 941                                   | 1,557               | 177                   | ...                   |
| Laurens .....      | 919                                   | 1,942               | 111                   | ...                   |
| Lee .....          | 338                                   | ...                 | ...                   | ...                   |
| Lexington .....    | 718                                   | 1,672               | 197                   | ...                   |
| Marion .....       | 1,144                                 | 1,936               | 313                   | 11                    |
| Marlborough ..     | 564                                   | 1,232               | 237                   | 3                     |
| Newberry .....     | 700                                   | 1,528               | 64                    | 9                     |
| Oconee .....       | 528                                   | 1,392               | 199                   | ...                   |
| Orangeburg .....   | 1,339                                 | 2,729               | 282                   | ...                   |
| Pickens .....      | 374                                   | 1,261               | 170                   | ...                   |
| Richland .....     | 322                                   | 925                 | 468                   | 29                    |
| Spartanburg .....  | 1,475                                 | 4,234               | 247                   | ...                   |
| Sumter .....       | 407                                   | 1,550               | 326                   | 24                    |
| Saluda .....       | 628                                   | 1,241               | 60                    | ...                   |
| Union .....        | 590                                   | 1,379               | 158                   | 2                     |
| Williamsburg ..    | 900                                   | 1,570               | 355                   | 4                     |
| York .....         | 984                                   | 2,010               | 152                   | 4                     |
| Total .....        | 28,169                                | 58,798              | 9,281                 | 828                   |
| Plurality .....    | ...                                   | 49,517              | ...                   | ...                   |
| Per cent .....     | ...                                   | 85.33               | 13.47                 | 1.20                  |
| Whole vote .....   | ...                                   | 68,907              | ...                   | ...                   |

There were two McKinley electoral tickets. The Regular Republican ticket received 5,658 and the "Reorganized Republican" ticket 4,223.

VOLE FOR REPRESENTATIVES IN CONGRESS, 1898.  
Districts.

- I. Counties of Berkeley (part), Charleston, Colleton (part), Beaufort, Georgetown, and Williamsburg. William Elliott, Dem., 3,030; George W. Murray, Rep., 1,529.
- II. Counties of Aiken, Barnwell, Saluda, Edgefield, and Hampton. W. J. Talbert, Dem., 4,016; R. P. Chatfield, Rep., 122.
- III. Counties of Abbeville, Anderson, Newberry, Oconee, and Pickens. A. C. Latimer, Dem., 4,029; R. R. Tolbert, Rep., 332.
- IV. Counties of Fairfield, Greenville, Laurens, Richland, Spartanburg (part), and Union (part). Stanyarne Wilson, Dem., 4,467; P. S. Suber, Rep., 165.
- V. Counties of Chester, Chesterfield, Kershaw, Lancaster, Spartanburg (part), Union (part), and York. D. E. Findley, Dem., 4,230.
- VI. Counties of Clarendon, Darlington, Florence, Horry, Marion, Marlborough, and Williamsburg (part). James Norton, Dem., 4,765; J. H. Evans, Rep., 151.
- VII. Counties of Berkeley (part), Colleton (part), Lexington, Orangeburg, Richland and Sumter. J. W. Stokes, Dem., 4,433; James Weston, Rep., 506.

SOUTH CAROLINA—Continued.

PRESENT STATE GOVERNMENT.

Governor, M. B. McSwaney; Lieutenant-Governor, R. B. Scarborough; Secretary of State, M. R. Cooper; Treasurer, W. H. Timmerman; Comptroller, D. P. Derham; Attorney-General, G. D. Blanding; Adjutant-General, J. W. Floyd; Superintendent of Education, J. J. McMahan—all Democrats.

JUDICIARY.

Supreme Court: Chief Justice, Henry McIver; Justices, Eugene B. Gary, Ira B. Jones, and Y. J. Pope; Clerk, U. R. Brooks—all Democrats.

STATE LEGISLATURE, 1899.

Senate, House, Joint Ballot.

|                      |    |     |     |
|----------------------|----|-----|-----|
| Democrats.....       | 41 | 123 | 164 |
| Republicans.....     | .. | 1   | 1   |
| Democratic majority. | 41 | 122 | 165 |

VOTE OF THE STATE SINCE 1872.

|                      | Dem.               | Rep.           | Ma.            |
|----------------------|--------------------|----------------|----------------|
| 1872. President..... | 22,683             | 72,290         | 49,607 R       |
| 1874. President..... | 91,540             | 92,081         | 641 R          |
| 1880. President..... | 112,312            | 68,071         | 54,241 D       |
| 1884. President..... | 69,245             | 21,733         | 45,112 D       |
| 1886. Governor.....  | 33,111             | .....          | 33,111 D       |
| 1888. President..... | 65,825             | 13,736         | 52,089 D       |
|                      | <i>Ind. Dem.</i>   |                |                |
| 1890. Governor.....  | 59,159             | 14,828         | 44,351 D       |
|                      | <i>Rep. Pop.</i>   | <i>Plu.</i>    |                |
| 1892. President..... | 54,692             | 13,345         | 2,407 41,347 D |
|                      | <i>Ind. Dem.</i>   |                |                |
| 1894. Governor.....  | 39,507             | 17,278         | 22,229 D       |
|                      | <i>Reorg. Rep.</i> |                |                |
|                      | <i>Rep. Rep.</i>   | <i>Plu.</i>    |                |
| 1896. Governor.....  | 59,424             | 4,432          | 2,780 54,999 D |
| 1896. President..... | 58,798             | 4,223          | 5,058 49,517 D |
| 1898. Governor.....  | 28,159             | No opposition. |                |

SOUTH DAKOTA.

| COUNTIES.<br>(53.) | GOVERNOR,<br>1898. |                        | PRESIDENT,<br>1896.      |                       | Lev-<br>ering,<br>Pro. |
|--------------------|--------------------|------------------------|--------------------------|-----------------------|------------------------|
|                    | Lee,<br>Fus.       | Phil-<br>lips,<br>Rep. | Bryan,<br>Dem.<br>& Pop. | Mc-<br>Kinley<br>Rep. |                        |
| Aurora.....        | 500                | 558                    | 479                      | 387                   | 12                     |
| Beadle.....        | 844                | 982                    | 915                      | 935                   | 24                     |
| Bon Homme.....     | 773                | 922                    | 893                      | 1,153                 | 7                      |
| Brookings.....     | 1,306              | 964                    | 1,288                    | 1,263                 | 42                     |
| Brown.....         | 1,649              | 1,662                  | 1,827                    | 1,618                 | 22                     |
| Brule.....         | 689                | 479                    | 668                      | 441                   | 5                      |
| Buffalo.....       | 55                 | 60                     | 79                       | 68                    | ..                     |
| Butte.....         | 206                | 290                    | 286                      | 222                   | 2                      |
| Campbell.....      | 310                | 564                    | 369                      | 449                   | 3                      |
| Charles Mix.....   | 782                | 647                    | 594                      | 698                   | 11                     |
| Clark.....         | 825                | 639                    | 816                      | 695                   | 33                     |
| Clay.....          | 1,126              | 982                    | 1,061                    | 1,238                 | 22                     |
| Coddington.....    | 308                | 813                    | 769                      | 1,041                 | 23                     |
| Custer.....        | 361                | 370                    | 515                      | 429                   | 3                      |
| Davison.....       | 708                | 623                    | 733                      | 616                   | 16                     |
| Day.....           | 1,154              | 578                    | 1,230                    | 1,171                 | 35                     |
| Deuel.....         | 707                | 500                    | 668                      | 698                   | 52                     |
| Douglas.....       | 509                | 481                    | 390                      | 532                   | 5                      |
| Edmunds.....       | 542                | 431                    | 510                      | 371                   | 7                      |
| Fall River.....    | 247                | 420                    | 555                      | 532                   | 4                      |
| Faulk.....         | 327                | 471                    | 237                      | 430                   | 4                      |
| Grant.....         | 610                | 588                    | 902                      | 1,029                 | 21                     |
| Gregory.....       | 116                | 189                    | .....                    | .....                 | ..                     |
| Hamlin.....        | 521                | 568                    | 559                      | 702                   | 12                     |
| Hand.....          | 664                | 488                    | 567                      | 451                   | 7                      |
| Hanson.....        | 552                | 348                    | 658                      | 420                   | 6                      |
| Hughes.....        | 307                | 437                    | 327                      | 462                   | 3                      |
| Hutchinson.....    | 243                | 1,094                  | 455                      | 1,413                 | 14                     |
| Hyde.....          | 111                | 209                    | 121                      | 223                   | 2                      |
| Jerauld.....       | 336                | 287                    | 336                      | 274                   | 6                      |
| Kingsbury.....     | 917                | 844                    | 1,051                    | 950                   | 26                     |
| Lake.....          | 839                | 751                    | 999                      | 864                   | 11                     |
| Lawrence.....      | 2,112              | 2,561                  | 2,905                    | 2,210                 | 36                     |
| Lincoln.....       | 1,149              | 1,100                  | 1,393                    | 1,616                 | 16                     |
| Lyman.....         | 105                | 125                    | 78                       | 114                   | 1                      |
| Marshall.....      | 656                | 645                    | 694                      | 553                   | 15                     |
| McCook.....        | 810                | 618                    | 1,047                    | 973                   | 12                     |
| McPherson.....     | 236                | 776                    | 361                      | 512                   | 6                      |
| Meade.....         | 630                | 473                    | 802                      | 550                   | 3                      |

SOUTH DAKOTA—Continued.

| COUNTIES.           | GOVERNOR,<br>1898. |                        | PRESIDENT,<br>1896.      |                       | Lev-<br>ering,<br>Pro. |
|---------------------|--------------------|------------------------|--------------------------|-----------------------|------------------------|
|                     | Lee,<br>Fus.       | Phil-<br>lips,<br>Rep. | Bryan,<br>Dem.<br>& Pop. | Mc-<br>Kinley<br>Rep. |                        |
| Miner.....          | 714                | 473                    | 705                      | 582                   | 5                      |
| Minnehaha.....      | 2,269              | 2,030                  | 2,667                    | 2,429                 | 52                     |
| Moody.....          | 874                | 702                    | 1,012                    | 780                   | 7                      |
| Pennington.....     | 760                | 764                    | 1,038                    | 739                   | 7                      |
| Potter.....         | 409                | 296                    | 390                      | 333                   | 5                      |
| Roberts.....        | 893                | 1,245                  | 979                      | 1,324                 | 22                     |
| Sanborn.....        | 533                | 441                    | 500                      | 530                   | 14                     |
| Spink.....          | 1,071              | 1,079                  | 1,061                    | 1,132                 | 13                     |
| Stanley.....        | 129                | 76                     | 140                      | 89                    | 2                      |
| Sully.....          | 228                | 241                    | 198                      | 262                   | 3                      |
| Turner.....         | 725                | 1,225                  | 950                      | 1,616                 | 14                     |
| Union.....          | 1,424              | 892                    | 1,491                    | 1,297                 | 17                     |
| Walworth.....       | 329                | 367                    | 266                      | 250                   | 5                      |
| Yankton.....        | 1,147              | 1,146                  | 1,320                    | 1,423                 | 14                     |
| Unorganized Co..... | 241                | 243                    | 368                      | 337                   | 1                      |
| Total.....          | 37,319             | 36,949                 | 41,225                   | 41,042                | 683                    |
| Plurality.....      | 370                | 183                    | .....                    | .....                 | .....                  |
| Per cent.....       | 50.25              | 49.75                  | 49.69                    | 49.46                 | 0.85                   |
| Whole vote.....     | 74,276             | .....                  | 82,950                   | .....                 | .....                  |

VOTE FOR JUSTICES SUPREME COURT, 1899.

Corson, Rep., 24,201; Haney, Rep., 24,064; Fuller, Rep., 23,690; Smith, Fus., 17,970; Kennedy, Fus., 18,035; Bennett, Fus., 18,601.

PRESENT STATE GOVERNMENT.

Governor, Andrew E. Lee, Fus.; Lieutenant-Governor, John T. Kean, Rep.; Secretary of State, W. H. Rodde, Rep.; Treasurer, John Schamber, Rep.; Auditor, James D. Reeves, Rep.; Attorney-General, John L. Pyle, Rep.; Superintendent of Education, E. E. Collins, Rep.

JUDICIARY.

Supreme Court: Chief Justice, Dighton Corson; Justices, Dick Haney and H. G. Fuller; Clerk, Miss Jessie Fuller—all Republicans.

STATE LEGISLATURE, 1899.

Senate, House, Joint Ballot.

|                      |    |    |    |
|----------------------|----|----|----|
| Republicans.....     | 28 | 59 | 87 |
| Fusionists.....      | 17 | 28 | 45 |
| Republican majority. | 11 | 31 | 42 |

VOTE OF THE TERRITORY AND STATE SINCE 1886.

|                      | Dem.             | Rep.        | F. A.       | Ma.            |
|----------------------|------------------|-------------|-------------|----------------|
| 1886. Congress*..... | 23,339           | 43,365      | .....       | 21,026 R       |
| 1888. Congress*..... | 25,044           | 44,906      | .....       | 19,862 R       |
| 1889. Governor.....  | 23,840           | 53,964      | .....       | 30,124 R       |
| 1890. Governor.....  | 18,464           | 34,487      | 24,591      | 19,896 R       |
| 1891. Congress.....  | 7,199            | 17,614      | 14,587      | 13,027 R       |
|                      | <i>Pop.</i>      |             |             |                |
| 1892. President..... | 9,081            | 34,888      | 26,544      | 18,341 R       |
|                      | <i>Dem. Rep.</i> | <i>Pop.</i> | <i>Pro.</i> | <i>Plu.</i>    |
| 1894. Gov.....       | 8,765            | 40,401      | 26,568      | 1,011 13,833 R |
|                      | <i>Dem. Pop.</i> | <i>Rep.</i> |             |                |
| 1896. President..... | 41,225           | 41,042      | 683         | 133 F          |
| 1898. Governor.....  | 37,319           | 36,949      | .....       | 370 F          |
| 1899. Sup. Ct. Judge | 17,970           | 24,201      | .....       | 6,231 R        |

\* The vote of 1886 and 1888 was that of the counties of Dakota Territory which now compose the State of South Dakota. † Plurality.

TENNESSEE.

| COUNTIES.<br>(26.) | GOVERNOR,<br>1898.     |                      | PRESIDENT,<br>1896.      |                       |                       | Lev-<br>ering,<br>Pro. |
|--------------------|------------------------|----------------------|--------------------------|-----------------------|-----------------------|------------------------|
|                    | Mc-<br>Millin,<br>Dem. | Fow-<br>ler,<br>Rep. | Bryan,<br>Dem.<br>& Pop. | Mc-<br>Kinley<br>Rep. | Pal-<br>mer,<br>N. D. |                        |
| Anderson.....      | 501                    | 1,160                | 745                      | 2,224                 | 32                    | 5                      |
| Bedford.....       | 1,757                  | 985                  | 2,590                    | 2,151                 | 70                    | 50                     |
| Benton.....        | 1,093                  | 447                  | 1,495                    | 769                   | 1                     | 13                     |
| Bledsoe.....       | 569                    | 372                  | 478                      | 785                   | 12                    | ..                     |
| Blount.....        | 555                    | 1,274                | 970                      | 2,632                 | 3                     | ..                     |
| Bradley.....       | 669                    | 1,053                | 1,067                    | 1,725                 | 5                     | 45                     |
| Campbell.....      | 285                    | 1,300                | 571                      | 2,388                 | 11                    | 13                     |
| Cannon.....        | 836                    | 469                  | 1,276                    | 778                   | 10                    | ..                     |

## TENNESSEE—Continued.

| COUNTIES.       | GOVERNOR,<br>1898.     |                      | PRESIDENT,<br>1896.      |                       |                       |                        |  |
|-----------------|------------------------|----------------------|--------------------------|-----------------------|-----------------------|------------------------|--|
|                 | Mc-<br>Millin,<br>Dem. | Fow-<br>ler,<br>Rep. | Bryan,<br>Dem.<br>& Pop. | Mc-<br>Kinley<br>Rep. | Pal-<br>mer,<br>N. D. | Lev-<br>ering,<br>Pro. |  |
| Carroll.....    | 1,412                  | 1,878                | 2,298                    | 2,577                 | 6                     | 61                     |  |
| Carter.....     | 382                    | 1,810                | 445                      | 9,700                 | 29                    | 35                     |  |
| Cheatham.....   | 994                    | 254                  | 1,229                    | 496                   | 30                    | 9                      |  |
| Chester.....    | 657                    | 360                  | 1,078                    | 607                   | 2                     | 14                     |  |
| Claborne.....   | 1,108                  | 871                  | 1,152                    | 2,230                 | 8                     | 8                      |  |
| Clay.....       | 687                    | 341                  | 836                      | 548                   | 1                     | 22                     |  |
| Cocke.....      | 755                    | 1,262                | 980                      | 2,592                 | 5                     | ...                    |  |
| Coffee.....     | 1,006                  | 288                  | 1,891                    | 639                   | 29                    | 52                     |  |
| Crockett.....   | 950                    | 413                  | 1,665                    | 1,165                 | ...                   | 24                     |  |
| Cumberland..... | 375                    | 457                  | 418                      | 800                   | 6                     | 1                      |  |
| Davidson.....   | 4,202                  | 863                  | 7,511                    | 5,720                 | 269                   | 159                    |  |
| Decatur.....    | 672                    | 412                  | 997                      | 890                   | ...                   | 2                      |  |
| De Kalb.....    | 1,421                  | 1,256                | 1,626                    | 1,633                 | 5                     | 28                     |  |
| Dickson.....    | 1,131                  | 474                  | 1,976                    | 841                   | 14                    | 36                     |  |
| Dyer.....       | 1,131                  | 266                  | 2,589                    | 868                   | 15                    | 44                     |  |
| Fayette.....    | 2,312                  | 29                   | 2,373                    | 1,316                 | 22                    | 9                      |  |
| Fentress.....   | 303                    | 645                  | 301                      | 798                   | 9                     | ...                    |  |
| Franklin.....   | 1,512                  | 430                  | 2,584                    | 834                   | 34                    | 50                     |  |
| Gibson.....     | 2,048                  | 607                  | 3,303                    | 1,955                 | 7                     | 216                    |  |
| Giles.....      | 2,089                  | 736                  | 3,992                    | 2,372                 | 21                    | 21                     |  |
| Grainger.....   | 656                    | 999                  | 1,002                    | 1,863                 | ...                   | 5                      |  |
| Greene.....     | 2,747                  | 2,917                | 2,736                    | 3,577                 | 8                     | 53                     |  |
| Grundy.....     | 613                    | 145                  | 99                       | 296                   | 12                    | 17                     |  |
| Hamblen.....    | 668                    | 886                  | 1,023                    | 1,506                 | 5                     | 27                     |  |
| Hamilton.....   | 2,206                  | 2,090                | 3,729                    | 4,468                 | 96                    | 121                    |  |
| Hancock.....    | 328                    | 835                  | 456                      | 1,490                 | ...                   | 7                      |  |
| Hardeman.....   | 1,435                  | 723                  | 2,234                    | 1,427                 | 45                    | 1                      |  |
| Hardin.....     | 850                    | 853                  | 1,332                    | 2,165                 | 2                     | 7                      |  |
| Hawkins.....    | 1,637                  | 1,615                | 1,725                    | 2,324                 | 16                    | 13                     |  |
| Haywood.....    | 805                    | 4                    | 2,302                    | 624                   | 18                    | 2                      |  |
| Henderson.....  | 793                    | 1,046                | 1,316                    | 2,009                 | ...                   | 40                     |  |
| Henry.....      | 1,566                  | 402                  | 3,077                    | 1,473                 | 17                    | 14                     |  |
| Hickman.....    | 1,043                  | 384                  | 1,553                    | 988                   | 12                    | 13                     |  |
| Houston.....    | 621                    | 183                  | 836                      | 343                   | 15                    | 23                     |  |
| Humphreys.....  | 1,062                  | 295                  | 1,604                    | 465                   | 6                     | 10                     |  |
| Jackson.....    | 1,285                  | 677                  | 1,752                    | 754                   | 1                     | ...                    |  |
| James.....      | 171                    | 313                  | 327                      | 647                   | 2                     | 4                      |  |
| Jefferson.....  | 661                    | 1,616                | 902                      | 2,638                 | 13                    | 9                      |  |
| Johnson.....    | 172                    | 1,045                | 224                      | 1,683                 | ...                   | 5                      |  |
| Knox.....       | 2,573                  | 2,916                | 4,020                    | 6,243                 | 55                    | 117                    |  |
| Lake.....       | 309                    | 30                   | 811                      | 126                   | 6                     | 11                     |  |
| Lauderdale..... | 844                    | 156                  | 2,244                    | 709                   | 33                    | 7                      |  |
| Lawrence.....   | 841                    | 676                  | 1,376                    | 1,203                 | 7                     | ...                    |  |
| Lewis.....      | 294                    | 96                   | 329                      | 204                   | ...                   | ...                    |  |
| Lincoln.....    | 1,770                  | 404                  | 3,269                    | 992                   | 40                    | 120                    |  |
| Loudon.....     | 364                    | 711                  | 594                      | 1,447                 | 3                     | 11                     |  |
| Macon.....      | 570                    | 854                  | 869                      | 1,324                 | ...                   | ...                    |  |
| McMinn.....     | 1,001                  | 1,432                | 1,388                    | 2,235                 | 12                    | 34                     |  |
| McNairy.....    | 1,030                  | 1,038                | 1,516                    | 1,465                 | ...                   | ...                    |  |
| Madison.....    | 2,188                  | 210                  | 3,701                    | 1,024                 | 15                    | 17                     |  |
| Marion.....     | 861                    | 883                  | 1,320                    | 1,201                 | 28                    | 5                      |  |
| Marshall.....   | 1,816                  | 625                  | 2,835                    | 849                   | 14                    | 57                     |  |
| Maury.....      | 2,617                  | 724                  | 3,021                    | 2,537                 | 23                    | 59                     |  |
| Meigs.....      | 547                    | 381                  | 721                      | 641                   | 4                     | 2                      |  |
| Monroe.....     | 1,108                  | 1,148                | 1,578                    | 1,634                 | 9                     | 47                     |  |
| Montgomery..... | 1,465                  | 874                  | 2,804                    | 2,334                 | 101                   | 252                    |  |
| Moore.....      | 572                    | 54                   | 942                      | 78                    | 2                     | 28                     |  |
| Morgan.....     | 405                    | 712                  | 452                      | 1,140                 | 15                    | 19                     |  |
| Obion.....      | 1,519                  | 335                  | 3,775                    | 1,147                 | 41                    | 98                     |  |
| Overton.....    | 1,233                  | 647                  | 1,495                    | 761                   | 1                     | ...                    |  |
| Perry.....      | 517                    | 515                  | 1,000                    | 572                   | 1                     | ...                    |  |
| Pickett.....    | 362                    | 425                  | 394                      | 544                   | ...                   | ...                    |  |
| Polk.....       | 530                    | 453                  | 749                      | 947                   | 3                     | 3                      |  |
| Putnam.....     | 1,386                  | 829                  | 1,750                    | 1,097                 | 4                     | 14                     |  |
| Rhea.....       | 684                    | 958                  | 1,124                    | 1,324                 | 18                    | 46                     |  |
| Roane.....      | 440                    | 1,196                | 821                      | 3,026                 | 14                    | 142                    |  |
| Robertson.....  | 1,710                  | 684                  | 2,943                    | 1,386                 | 15                    | 182                    |  |
| Rutherford..... | 1,814                  | 913                  | 3,352                    | 2,209                 | 59                    | 23                     |  |
| Scott.....      | 175                    | 1,177                | 209                      | 1,691                 | ...                   | 7                      |  |
| Sequatchie..... | 291                    | 127                  | 326                      | 241                   | ...                   | 3                      |  |
| Sevier.....     | 263                    | 1,948                | 428                      | 3,376                 | 4                     | 3                      |  |
| Shelby.....     | 2,331                  | 1,892                | 5,820                    | 5,122                 | 215                   | 42                     |  |
| Smith.....      | 1,782                  | 880                  | 2,414                    | 1,064                 | 6                     | ...                    |  |
| Stewart.....    | 989                    | 250                  | 1,642                    | 648                   | ...                   | 9                      |  |
| Sullivan.....   | 1,860                  | 1,268                | 2,512                    | 1,914                 | 3                     | 53                     |  |
| Sumner.....     | 1,775                  | 324                  | 3,171                    | 1,215                 | 48                    | 11                     |  |
| Tipton.....     | 1,180                  | 89                   | 2,119                    | 1,694                 | 123                   | 13                     |  |
| Trousdale.....  | 606                    | 157                  | 769                      | 313                   | 4                     | ...                    |  |
| Unicoi.....     | 66                     | 363                  | 89                       | 804                   | 3                     | 7                      |  |

## TENNESSEE—Continued.

| COUNTIES.       | GOVERNOR,<br>1898.     |                      | PRESIDENT,<br>1896.      |                       |                       |                        |  |
|-----------------|------------------------|----------------------|--------------------------|-----------------------|-----------------------|------------------------|--|
|                 | Mc-<br>Millin,<br>Dem. | Fow-<br>ler,<br>Rep. | Bryan,<br>Dem.<br>& Pop. | Mc-<br>Kinley<br>Rep. | Pal-<br>mer,<br>N. D. | Lev-<br>ering,<br>Pro. |  |
| Union.....      | 366                    | 919                  | 589                      | 1,862                 | 2                     | 2                      |  |
| Van Buren.....  | 524                    | 115                  | 419                      | 140                   | 9                     | 5                      |  |
| Warren.....     | 1,345                  | 511                  | 2,101                    | 942                   | 21                    | 39                     |  |
| Washington..... | 1,056                  | 1,519                | 1,661                    | 2,807                 | 18                    | 43                     |  |
| Wayne.....      | 507                    | 855                  | 748                      | 1,505                 | 1                     | 10                     |  |
| Weakley.....    | 2,165                  | 1,211                | 3,934                    | 2,003                 | 3                     | 99                     |  |
| White.....      | 1,298                  | 271                  | 1,839                    | 617                   | 9                     | 16                     |  |
| Williamson..... | 1,700                  | 240                  | 2,037                    | 1,281                 | 17                    | 51                     |  |
| Wilson.....     | 2,445                  | 663                  | 3,436                    | 1,568                 | 19                    | 17                     |  |
| Total.....      | 105,640                | 72,611               | 196,268                  | 143,773               | 1,951                 | 3,098                  |  |
| Plurality.....  | 33,029                 | ...                  | 17,495                   | ...                   | ...                   | ...                    |  |
| Per cent.....   | 57.92                  | 29.81                | 52.19                    | 46.21                 | 0.65                  | 0.95                   |  |
| Scattering..... | 4,133                  | ...                  | ...                      | ...                   | ...                   | ...                    |  |
| Whole vote..... | 182,394                | ...                  | 320,090                  | ...                   | ...                   | ...                    |  |

The scattering vote for Governor in 1898 was Turnley, Pro., 2,411; Richardson, Pop., 1,722. A call for a convention to revise the State Constitution was voted down by the people in 1897. The vote for Watson electors in 1896 was 4,525.

## VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

**I. Counties of Carter, Claiborne, Cocke, Grainger, Greene, Hamblen, Hancock, Hawkins, Johnson, Sullivan, Unicoi and Washington.** H. H. Gouchenour, Dem., 11,732; V. P. Brownlow, Rep., 14,616; J. Connelly, Pro., 245. Brownlow's plurality, 2,884.

**II. Counties of Anderson, Blount, Campbell, Jefferson, Knox, Loudon, Morgan, Roane, Scott, Sevier, and Union.** J. M. Davis, Dem., 6,903; Henry R. Gibson, Rep., 13,848; scattering, 128. Gibson's plurality, 6,940.

**III. Counties of Bledsoe, Bradley, Franklin, Grundy, Hamilton, James, McMinn, Marion, Meigs, Monroe, Polk, Sequatchie, Van Buren, Warren, and White.** John A. Moon, Dem., 13,347; Gus Cate, Rep., 9,209; W. A. Whitmore, Pro., 161. Moon's plurality, 4,138.

**IV. Counties of Clay, Cumberland, Fentress, Jackson, Macon, Overton, Pickett, Putnam, Smith, Sumner, Trousdale, and Wilson.** C. E. Snodgrass, Dem., 13,413; G. H. Morgan, Rep., 8,122. Snodgrass' majority, 5,291.

**V. Counties of Bedford, Cannon, Coffee, De Kalb, Lincoln, Marshall, Moore, and Rutherford.** J. D. Richardson, Dem., 11,057; W. Y. Elliott, Rep., 4,860. Richardson's majority, 6,227.

**VI. Counties of Cheatham, Davidson, Houston, Humphreys, Montgomery, Robertson, and Stewart.** J. W. Gaines, Dem., 11,539; J. C. Napier, Rep., 2,088; N. P. Gill, Pro., 1,021. Gaines' plurality, 9,451.

**VII. Counties of Dickson, Giles, Hickman, Lawrence, Lewis, Maury, Wayne, and Williamson.** N. N. Cox, Dem., 9,590; J. A. Cunningham, Ind., 4,055. Cox's majority, 5,535.

**VIII. Counties of Benton, Carroll, Chester, Decatur, Hardin, Henderson, Henry, Madison, McNairy, and Perry.** T. W. Sims, Dem., 10,747; W. F. Hinkle, Rep., 6,579; T. J. Brooks, Pop., 524. Sims' plurality, 4,168.

**IX. Counties of Crockett, Dyer, Gibson, Haywood, Lake, Lauderdale, Obion, and Weakley.** Rice A. Pierce, Dem., 9,880; J. Revelle, Rep., 2,723; F. T. Falley, Pop., 246. Pierce's plurality, 7,157.

**X. Counties of Fayette, Hardeman, Shelby, and Tipton.** W. W. Carmack, Dem., 8,489; J. W. Vernon, Rep., 1,875; J. T. Brooks, Pop., 43. Carmack's plurality, 6,616.

TENNESSEE—Continued.

VOTE FOR GOVERNOR, 1896.

The vote for Governor was: Taylor, Dem., 156,228; Tillman, Rep., 149,374; Mims, Pop., 11,076; Hopwood, Pro., 2,831. Taylor's plurality, 6,854.

PRESENT STATE GOVERNMENT.

Governor, Benton McMillin; Secretary of State, William S. Morgan; Treasurer, Ed. B. Craig; Commissioner of Agriculture, Thomas Paule; Superintendent of Public Instruction, M. C. Fitzpatrick; Comptroller, Theo. F. King; Adjutant-General, H. C. Lamb; Attorney-General, G. W. Pickle—all Democrats.

JUDICIARY.

Supreme Court: Chief Justice, David L. Snodgrass; Justices, W. C. Caldwell, John S. Wilkes, W. K. McAllister, W. D. Beard, and A. W. McMillin. Court of Chancery Appeals: Justices, M. M. Neil, S. F. Wilson, R. M. Barton, Jr.; Clerk, James Turney—all Democrats.

STATE LEGISLATURE, 1899.

|                      | Senate. | House. | Joint Ballot. |
|----------------------|---------|--------|---------------|
| Democrats.....       | 28      | 77     | 105           |
| Republicans.....     | 5       | 22     | 27            |
| Democratic majority. | 23      | 55     | —             |

VOTE OF THE STATE SINCE 1868.

|                    | Dem.        | Rep.    | Gr.        | Pro.   | Ptu.      |
|--------------------|-------------|---------|------------|--------|-----------|
| 1868. Pres.....    | 26,311      | 56,757  | ..         | ..     | *30,446 R |
| 1870. Gov.....     | 78,979      | 41,500  | ..         | ..     | *37,479 D |
| 1872. Pres.....    | 94,391      | 83,555  | ..         | ..     | 10,736 D  |
| 1874 Gov.....      | 103,061     | 58,843  | ..         | ..     | *47,218 D |
| 1876. Pres.....    | 133,165     | 89,566  | ..         | ..     | 43,600 D  |
| 1880. Pres.....    | 128,191     | 107,677 | 5,917      | ..     | 20,514 D  |
|                    | Debt-Paying |         | Non-Credit |        |           |
|                    | Dem.        | Rep.    | Gr.        | Pro.   | Ptu.      |
| 1880. Gov.....     | 79,003      | 103,971 | 3,614      | 57,546 | 24,968 R  |
| 1882. Gov.....     | 120,537     | 93,168  | 9,130      | 4,814  | 27,469 D  |
|                    | Dem.        |         | Pro.       |        |           |
| 1884. Pres.....    | 133,270     | 124,090 | 957        | 1,151  | 9,180 D   |
| 1886. Sup.Jud..... | 156,150     | 122,431 | ..         | ..     | 33,719 D  |
| 1886. Gov.....     | 126,623     | 109,835 | ..         | ..     | 16,793 D  |
| 1888. Gov.....     | 156,799     | 139,014 | ..         | 6,983  | 17,655 D  |
| 1888. Pres.....    | 158,779     | 138,968 | 48         | 5,969  | 19,791 D  |
| 1890. Gov.....     | 113,549     | 76,081  | ..         | 11,062 | 37,468 D  |
|                    | I. Dem.     |         | Pop.       |        |           |
| 1892. Gov.....     | 127,247     | 100,629 | 81,515     | 5,427  | 26,618 D  |
| 1892. Pres.....    | 138,874     | 100,331 | 23,447     | 4,851  | 38,543 D  |
| 1894. Gov.....     | 104,356     | 105,104 | 23,092     | ..     | †748 R    |
|                    | Dem.-Pop.   |         | Pro.       |        |           |
| 1896. Pres.....    | 166,268     | 148,773 | ..         | 3,098  | 17,495 D  |
| 1898. Gov.....     | 105,640     | 72,611  | 1,722      | 2,411  | 33,029 D  |

\* Majority. † A recount of the vote by the Legislature resulted in the rejection of certain returns for irregularities and elected Turney Governor.

TEXAS.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

I. T. H. Ball, Dem., 18,544; O. A. Blackwell, Rep., 5,751; J. H. Eagle, Pop., 3,289. II. S. B. Cooper, Dem., 22,086; J. A. McAyael, Rep., 2,093; T. Russell, Pop., 7,391. III. R. C. De Graffenreid, Dem., 17,996; H. D. Wood, Pop., 9,169. IV. J. L. Sheppard, Dem., 18,190; J. L. Whittle, Pop., 10,709. V. J. W. Bailey, Dem., 16,978; A. W. Acheson, Rep., 1,487; W. S. Holt, Pop., 4,945. VI. R. E. Burke, Dem., 25,116; A. J. Houston, Rep., 3,375; T. P. Gore, Pop., 9,677. VII. R. L. Henry, Dem., 22,203; R. Kingsbury, Rep., 2,197; A. W. Cunningham, Pop., 7,928. VIII. S. W. T. Lanham, Dem., 18,680; A. Springer, Rep., 2,293; N. J. Shands, Pop., 11,138. IX. A. S. Burleson, Dem., 20,373; G. W. Jones, Ind., 12,632. X. W. S. Robson, Dem., 16,462; R. B. Hawley, Rep., 17,757; J. W. Baird, Pop., 2,604. XI. R. Kleberg, Dem., 18,319; B. L. Crouch, Rep., 14,687. XII. J. L. Slayden, Dem., 16,363; G. H. Noonan, Rep., 10,472; A. B. Surber, Pop., 2,110. XIII. J. H. Stephens, Dem., 24,876; J. J. Eager, Rep., 8,987.

TEXAS—Continued.

| COUNTIES.<br>(224.) | GOVERNOR,<br>1898. |                | PRESIDENT,<br>1896.      |                   |                  |                    |
|---------------------|--------------------|----------------|--------------------------|-------------------|------------------|--------------------|
|                     | Say-ers,<br>Dem.   | Gilbs,<br>Pop. | Bryant,<br>Dem<br>& Pop. | Mc-Kinley<br>Rep. | Palmer,<br>N. D. | Lev-ering,<br>Pro. |
| Anderson.....       | 2,765              | 893            | 3,088                    | 1,956             | ..               | 3                  |
| Angelina.....       | 1,406              | 526            | 1,877                    | 351               | ..               | 7                  |
| Aransas.....        | 285                | 56             | 323                      | 160               | ..               | 1                  |
| Archer.....         | 492                | 68             | 502                      | 56                | 12               | 17                 |
| Armstrong....       | 163                | 57             | 190                      | 8                 | ..               | 3                  |
| Atascosa.....       | 748                | 193            | 1,290                    | 96                | ..               | 6                  |
| Austin.....         | 2,951              | 791            | 1,063                    | 2,185             | 83               | ..                 |
| Bandera.....        | 561                | 340            | 629                      | 149               | 1                | ..                 |
| Bastrop.....        | 2,212              | 2,032          | 2,712                    | 2,016             | 10               | 41                 |
| Baylor.....         | 264                | 13             | 424                      | 72                | 2                | 2                  |
| Bee.....            | 999                | 257            | 1,319                    | 223               | 11               | ..                 |
| Bell.....           | 4,104              | 1,549          | 7,061                    | 1,741             | 114              | ..                 |
| Bexar.....          | 7,736              | 1,082          | 6,167                    | 5,001             | 164              | 29                 |
| Blanco.....         | 515                | 358            | 657                      | 243               | 55               | 2                  |
| Borden.....         | 99                 | 37             | 100                      | 8                 | ..               | ..                 |
| Bosque.....         | 1,671              | 989            | 2,456                    | 875               | 30               | 3                  |
| Bowie.....          | 2,714              | 1,111          | 2,611                    | 1,922             | 20               | 9                  |
| Brazoria.....       | 2,636              | 324            | 1,364                    | 1,564             | 9                | 8                  |
| Brazos.....         | 2,938              | 324            | 1,930                    | 1,999             | 36               | ..                 |
| Brewster.....       | 420                | 4              | 220                      | 79                | ..               | ..                 |
| Briscoe.....        | 137                | 70             | 175                      | 2                 | ..               | ..                 |
| Brown.....          | 1,436              | 772            | 2,489                    | 328               | 12               | 23                 |
| Burleson.....       | 2,336              | 466            | 1,797                    | 1,605             | 10               | 4                  |
| Burnet.....         | 1,103              | 701            | 1,645                    | 269               | 8                | 1                  |
| Caldwell.....       | 2,162              | 1,109          | 2,652                    | 778               | 38               | 16                 |
| Calhoun.....        | 344                | 120            | 296                      | 89                | ..               | 2                  |
| Callahan.....       | 821                | 489            | 1,308                    | 123               | 13               | ..                 |
| Cameron.....        | 3,077              | ..             | 1,732                    | 1,374             | ..               | ..                 |
| Camp.....           | 600                | 457            | 558                      | 825               | 12               | ..                 |
| Carson.....         | 110                | 1              | 103                      | 7                 | ..               | ..                 |
| Cass.....           | 1,967              | 1,212          | 2,401                    | 1,742             | ..               | 6                  |
| Castro.....         | 87                 | ..             | 80                       | 8                 | ..               | ..                 |
| Chambers.....       | 393                | 104            | 418                      | 201               | 15               | ..                 |
| Cherokee.....       | 2,142              | 1,765          | 2,349                    | 1,611             | 60               | 14                 |
| Childress.....      | 343                | 64             | 355                      | 27                | 10               | ..                 |
| Clay.....           | 1,182              | 532            | 1,478                    | 234               | 27               | 5                  |
| Coke.....           | 302                | 208            | 472                      | 33                | ..               | 8                  |
| Coleman.....        | 925                | 285            | 1,403                    | 159               | 31               | 5                  |
| Collin.....         | 3,614              | 1,458          | 7,597                    | 1,931             | 167              | 46                 |
| Collingsworth       | 173                | 64             | 196                      | 3                 | 4                | ..                 |
| Colorado.....       | 3,753              | 353            | 1,958                    | 2,045             | 7                | ..                 |
| Comal.....          | 1,343              | 8              | 266                      | 1,081             | 14               | ..                 |
| Comanche.....       | 1,677              | 2,109          | 2,540                    | 158               | 8                | 10                 |
| Concho.....         | 158                | 41             | 42                       | 17                | 8                | 1                  |
| Cooke.....          | 2,082              | 440            | 4,377                    | 827               | 41               | 15                 |
| Coryell.....        | 2,094              | 1,276          | 3,454                    | 888               | 56               | 5                  |
| Cottle.....         | 114                | 33             | 116                      | 5                 | ..               | ..                 |
| Crockett.....       | 402                | 1              | 160                      | 215               | ..               | ..                 |
| Crosby.....         | ..                 | ..             | 104                      | 4                 | 3                | ..                 |
| Dallam.....         | ..                 | ..             | 86                       | 7                 | ..               | ..                 |
| Dallas.....         | 6,791              | 2,531          | 10,096                   | 5,655             | 378              | 146                |
| Deaf Smith....      | 104                | 8              | 108                      | 3                 | ..               | ..                 |
| Delta.....          | 1,322              | 1,475          | 1,679                    | 307               | ..               | 2                  |
| Denton.....         | 1,965              | 230            | 4,483                    | 949               | 94               | 21                 |
| De Witt.....        | 2,191              | 1,065          | 2,067                    | 1,776             | 15               | 4                  |
| Dickens.....        | 146                | 41             | 96                       | 12                | 5                | ..                 |
| Dimmit.....         | 162                | 63             | 151                      | 64                | ..               | ..                 |
| Donley.....         | 322                | 103            | 290                      | 66                | 10               | 5                  |
| Duval.....          | 997                | ..             | 421                      | 790               | ..               | ..                 |
| Eastland.....       | 1,493              | 1,183          | 2,578                    | 237               | 36               | 15                 |
| Ector.....          | 111                | 9              | 98                       | 8                 | ..               | ..                 |
| Edwards.....        | 384                | 134            | 354                      | 136               | ..               | ..                 |
| Ellis.....          | 3,731              | 1,602          | 8,450                    | 1,753             | ..               | 233                |
| El Paso.....        | 2,372              | 23             | 2,307                    | 1,246             | 69               | ..                 |
| Erath.....          | 2,407              | 2,010          | 4,265                    | 923               | 21               | 29                 |
| Falls.....          | 3,482              | 1,750          | 3,622                    | 2,734             | 74               | ..                 |
| Fannin.....         | 3,526              | 1,812          | 7,138                    | 2,329             | 76               | ..                 |
| Fayette.....        | 4,731              | 1,258          | 3,102                    | 3,388             | 36               | 9                  |
| Fisher.....         | 323                | 38             | 454                      | 44                | ..               | ..                 |
| Floyd.....          | 185                | 86             | 281                      | 18                | ..               | 1                  |
| Foard.....          | 187                | 129            | 258                      | 42                | 4                | ..                 |
| Fort Bend.....      | 2,267              | 128            | 892                      | 2,228             | 11               | ..                 |
| Franklin.....       | 739                | 225            | 1,364                    | 76                | ..               | 3                  |
| Freestone.....      | 1,629              | 755            | 2,030                    | 1,345             | 29               | ..                 |
| Frio.....           | 520                | 154            | 673                      | 197               | 8                | ..                 |
| Galveston.....      | 5,879              | 662            | 4,598                    | 4,613             | 199              | 36                 |
| Gillespie.....      | 1,062              | 295            | 458                      | 1,064             | 14               | ..                 |
| Glasscock.....      | 46                 | 17             | 43                       | 49                | ..               | ..                 |
| Goliad.....         | 812                | 457            | 807                      | 637               | 1                | ..                 |

TEXAS—Continued.

| COUNTIES.        | GOVERNOR, 1898. |             |             | PRESIDENT, 1896. |               |                 |
|------------------|-----------------|-------------|-------------|------------------|---------------|-----------------|
|                  | Sayers, Dem.    | Gibbs, Pop. | Bryan, Dem. | McKinley Rep.    | Palmer, N. D. | Leveering, Pro. |
| Gonzales.....    | 2,313           | 2,088       | 3,814       | 645              | 38            |                 |
| Gray.....        |                 |             |             |                  |               |                 |
| Grayson.....     | 3,950           | 571         | 8,901       | 3,353            | 104           | 29              |
| Gregg.....       | 846             | 361         | 851         | 881              |               | 3               |
| Grimes.....      | 2,224           | 2,371       | 2,467       | 2,017            | 48            | 8               |
| Guadalupe.....   | 2,500           | 712         | 1,310       | 2,329            | 56            | 2               |
| Hale.....        | 210             | 74          | 275         | 23               |               |                 |
| Hall.....        | 264             | 58          | 283         | 23               |               |                 |
| Hamilton.....    | 1,144           | 1,091       | 1,954       | 354              | 18            | 20              |
| Hansford.....    | 21              | 3           | 16          | 17               |               |                 |
| Hardeman.....    | 535             | 93          | 507         | 49               | 11            | 2               |
| Hardin.....      | 702             | 42          | 722         | 245              | 1             |                 |
| Harris.....      | 6,275           | 610         | 6,175       | 5,760            | 86            | 34              |
| Harrison.....    | 3,803           | 61          | 2,130       | 1,595            | 11            | 26              |
| Hartley.....     | 111             | 12          | 97          | 19               | 1             |                 |
| Haskell.....     | 342             | 95          | 316         | 16               | 2             |                 |
| Hays.....        | 1,508           | 436         | 1,813       | 692              | 76            | 15              |
| Hemphill.....    | 152             | 2           | 114         | 39               | 8             |                 |
| Henderson.....   | 1,764           | 801         | 2,546       | 664              | 7             | 1               |
| Hidalgo.....     | 1,247           |             | 1,083       | 151              |               |                 |
| Hill.....        | 3,860           | 2,014       | 7,125       | 1,195            | 122           | 58              |
| Hood.....        | 908             | 620         | 1,500       | 183              |               |                 |
| Hopkins.....     | 2,374           | 1,751       | 2,941       | 475              | 55            | 86              |
| Houston.....     | 1,935           | 491         | 3,285       | 1,296            | 26            | 6               |
| Howard.....      | 295             | 124         | 315         | 110              |               |                 |
| Hunt.....        | 3,303           | 1,980       | 6,814       | 1,830            | 52            | 70              |
| Irion.....       | 142             | 14          | 157         | 45               |               |                 |
| Jack.....        | 877             | 773         | 1,178       | 222              | 9             | 16              |
| Jackson.....     | 574             | 441         | 606         | 453              | 16            |                 |
| Jasper.....      | 684             | 405         | 825         | 367              | 11            |                 |
| Jeff Davis.....  | 246             |             | 48          | 102              | 6             |                 |
| Jefferson.....   |                 |             | 1,161       | 94               |               | 8               |
| Johnson.....     | 3,370           | 2,048       | 5,365       | 869              | 61            |                 |
| Jones.....       | 512             | 419         | 542         | 44               |               |                 |
| Karnes.....      | 850             | 476         | 1,369       | 389              | 3             |                 |
| Kaufman.....     | 2,882           | 776         | 3,781       | 1,211            |               |                 |
| Kendall.....     | 508             | 229         | 267         | 305              | 6             |                 |
| Kent.....        | 96              | 49          | 287         | 112              |               |                 |
| Kerr.....        | 743             | 78          | 593         | 391              | 1             |                 |
| Kimble.....      | 229             | 185         | 325         | 96               |               |                 |
| King.....        | 10              | 1           | 22          | 1                |               |                 |
| Kinney.....      | 297             |             | 149         | 457              | 2             |                 |
| Knox.....        | 296             | 96          | 292         | 18               |               |                 |
| Lamar.....       | 3,200           | 1,336       | 5,971       | 2,191            | 146           |                 |
| Lampasas.....    | 897             | 502         | 1,130       | 290              | 13            | 18              |
| La Salle.....    | 361             | 21          | 248         | 261              |               |                 |
| Lavaca.....      | 3,221           | 1,406       | 3,305       | 1,476            | 26            | 2               |
| Lee.....         | 1,326           | 1,177       | 1,227       | 1,329            | 99            | 9               |
| Leon.....        | 1,549           | 1,051       | 2,055       | 1,012            | 3             |                 |
| Liberty.....     | 974             | 351         | 890         | 493              | 3             |                 |
| Limestone.....   | 2,729           | 1,664       | 4,940       | 1,199            | 32            | 37              |
| Lipscomb.....    | 139             | 6           | 100         | 30               |               |                 |
| Live Oak.....    | 376             | 104         | 506         | 50               | 1             |                 |
| Llano.....       | 796             | 430         | 1,155       | 149              | 1             | 13              |
| Loving.....      |                 |             | 54          | 30               |               |                 |
| Lubbock.....     | 122             | 1           | 98          | 7                | 2             | 1               |
| Madison.....     | 748             | 690         | 1,412       | 309              | 12            |                 |
| Marion.....      | 429             | 454         | 704         | 1,408            |               |                 |
| Martin.....      | 118             | 6           | 97          | 22               |               |                 |
| Mason.....       | 624             | 397         | 496         | 292              | 5             |                 |
| Matagorda.....   | 627             | 67          | 671         | 561              | 3             |                 |
| Maverick.....    | 706             |             | 518         | 317              | 4             |                 |
| McCulloch.....   | 477             | 207         | 864         | 132              |               |                 |
| McLennan.....    | 3,687           | 1,116       | 7,384       | 4,126            | 153           | 86              |
| McMullen.....    | 195             | 9           | 145         | 52               | 3             |                 |
| Medina.....      | 1,085           | 248         | 876         | 580              |               | 1               |
| Menard.....      | 381             | 72          | 349         | 124              |               |                 |
| Midland.....     | 307             | 37          | 289         | 45               |               | 3               |
| Milam.....       | 3,911           | 1,835       | 4,674       | 2,190            | 51            | 22              |
| Mills.....       | 685             | 555         | 1,141       | 190              |               |                 |
| Mitchell.....    | 473             | 92          | 368         | 147              | 7             | 5               |
| Montague.....    | 2,254           | 689         | 4,615       | 375              | 51            | 25              |
| Montgomery.....  | 1,288           | 500         | 1,943       | 933              | 1             |                 |
| Moore.....       | 18              | 11          | 36          | 3                |               |                 |
| Morris.....      | 897             | 461         | 1,004       | 506              |               |                 |
| Motley.....      | 123             | 12          | 157         | 7                |               |                 |
| Nacogdoches..... | 1,976           | 1,808       | 2,894       | 830              | 37            | 11              |
| Navarro.....     | 3,932           | 2,323       | 5,938       | 2,113            | 137           | 64              |
| Newton.....      | 919             | 115         | 625         | 345              |               | 15              |
| Nolan.....       | 353             | 158         | 356         | 26               | 2             |                 |

TEXAS—Continued.

| COUNTIES.          | GOVERNOR, 1898. |             |             | PRESIDENT, 1896. |               |                 |
|--------------------|-----------------|-------------|-------------|------------------|---------------|-----------------|
|                    | Sayers, Dem.    | Gibbs, Pop. | Bryan, Dem. | McKinley Rep.    | Palmer, N. D. | Leveering, Pro. |
| Nueces.....        | 1,865           | 110         | 1,535       | 654              | 16            |                 |
| Ochiltree.....     | 40              | 1           | 29          | 9                |               |                 |
| Oldham.....        | 92              |             | 75          | 2                | 1             |                 |
| Orange.....        | 770             | 314         | 855         | 426              | 3             | 7               |
| Palo Pinto.....    | 1,057           | 781         | 1,884       | 196              | 10            | 3               |
| Panola.....        | 1,076           | 226         | 2,595       | 291              |               | 1               |
| Parker.....        | 2,342           | 1,631       | 4,443       | 637              | 33            | 20              |
| Pecos.....         | 266             |             | 197         | 60               |               |                 |
| Polk.....          | 1,283           | 903         | 1,898       | 589              | 15            | 2               |
| Potter.....        | 264             | 56          | 299         | 52               | 5             |                 |
| Presidio.....      | 824             | 2           | 517         | 418              | 4             |                 |
| Rains.....         | 520             | 519         | 823         | 215              |               |                 |
| Randall.....       | 118             | 37          | 124         | 1                | 1             |                 |
| Red River.....     | 3,179           | 2,638       | 3,631       | 1,560            | 16            |                 |
| Reeves.....        | 483             | 13          | 617         | 45               |               |                 |
| Refugio.....       | 309             | 32          | 179         | 147              | 9             |                 |
| Roberts.....       | 169             | 33          | 138         | 19               |               |                 |
| Robertson.....     | 2,784           | 272         | 2,869       | 2,660            | 13            | 5               |
| Rockwall.....      | 718             | 240         | 1,283       | 267              | 52            | 36              |
| Runnels.....       | 452             | 266         | 615         | 109              | 7             | 5               |
| Rusk.....          | 2,278           | 812         | 2,654       | 1,674            | 78            | 1               |
| Sabine.....        | 630             | 554         | 964         | 83               |               |                 |
| San Augustine..... | 566             | 756         | 1,249       | 265              | 10            |                 |
| San Jacinto.....   | 1,030           | 325         | 925         | 770              |               |                 |
| San Patricio.....  | 400             | 27          | 557         | 71               |               |                 |
| San Saba.....      | 871             | 594         | 1,182       | 118              | 14            | 1               |
| Scurry.....        | 306             | 317         | 333         | 39               | 1             | 6               |
| Shackelford.....   | 225             | 100         | 395         | 117              | 9             |                 |
| Shelby.....        | 1,371           | 370         | 3,044       | 186              | 1             | 35              |
| Sherman.....       | 25              |             | 6           | 8                |               |                 |
| Smith.....         | 3,157           | 1,641       | 4,017       | 2,603            | 36            | 8               |
| Somervell.....     | 328             | 357         | 705         | 23               |               | 2               |
| Starr.....         | 1,138           | 14          | 1,035       | 732              |               |                 |
| Stephens.....      | 566             | 475         | 1,162       | 13               | 29            |                 |
| Sterling.....      | 97              | 111         | 198         | 22               |               |                 |
| Stonewall.....     |                 |             | 204         | 17               |               |                 |
| Sutton.....        | 315             | 58          | 175         | 186              | 4             | 2               |
| Swisher.....       | 127             | 68          | 193         | 15               | 1             | 1               |
| Tarrant.....       | 2,904           | 1,101       | 7,975       | 2,293            | 136           | 37              |
| Taylor.....        | 1,140           | 705         | 1,326       | 246              | 16            | 5               |
| Throckmerton.....  | 182             | 100         | 271         | 52               |               |                 |
| Titus.....         | 1,081           | 665         | 1,871       | 345              |               |                 |
| Tom Green.....     | 556             | 59          | 777         | 465              | 18            |                 |
| Travis.....        | 4,661           | 1,779       | 4,029       | 4,138            | 180           | 75              |
| Trinity.....       | 910             | 566         | 1,270       | 443              | 3             |                 |
| Tyler.....         | 971             | 218         | 1,508       | 480              |               |                 |
| Upshur.....        |                 |             | 1,918       | 822              | 6             | 7               |
| Uvalde.....        | 602             | 302         | 532         | 515              | 4             |                 |
| Van Zandt.....     | 874             | 15          | 408         | 200              |               |                 |
| Victoria.....      | 2,169           | 1,886       | 3,560       | 691              | 9             | 35              |
| Walker.....        | 2,002           | 445         | 884         | 1,338            | 41            |                 |
| Wallace.....       | 1,552           | 762         | 1,461       | 1,057            | 17            |                 |
| Waller.....        | 2,417           | 361         | 1,328       | 1,495            |               | 1               |
| Ward.....          | 161             | 73          | 102         | 71               |               |                 |
| Washington.....    | 3,519           | 249         | 1,624       | 4,198            | 70            | 3               |
| Webb.....          | 1,850           | 3           | 1,184       | 2,067            | 3             |                 |
| Wharton.....       | 1,030           | 157         | 890         | 1,166            |               |                 |
| Wheeler.....       | 73              | 5           | 81          | 21               |               |                 |
| Wichita.....       | 948             | 130         | 800         | 165              | 3             | 5               |
| Wilbarger.....     | 603             | 176         | 872         | 137              | 9             | 14              |
| Williamson.....    | 3,541           | 1,750       | 5,083       | 2,151            | 4             | 100             |
| Wilson.....        | 1,686           | 1,019       | 2,302       | 191              | 15            | 2               |
| Wise.....          | 2,489           | 1,379       | 5,023       | 540              | 16            | 14              |
| Wood.....          | 1,681           | 949         | 2,566       | 773              | 3             | 4               |
| Young.....         | 743             | 215         | 1,115       | 99               | 10            | 1               |
| Zapata.....        | 676             |             | 14          | 390              |               |                 |
| Zavala.....        | 105             | 15          | 137         | 20               | 4             |                 |
| Total.....         | 291,548         | 114,955     | 370,544     | 167,520          | 5,046         | 1,786           |
| Plurality.....     | 176,593         |             | 202,914     |                  |               |                 |
| Per cent.....      | 71.72           | 28.28       | 68.05       | 30.75            | 0.93          | 0.33            |
| Scattering.....    | 3,051           |             |             |                  |               |                 |
| Whole vote.....    | 409,554         |             |             | 544,785          |               |                 |

Twenty-one counties which are unorganized and held no election are omitted from the above list.

Bryan's Democratic vote in 1896 was 290,862; his Populist vote, 79,572.



TEXAS—Continued.

PRESENT STATE GOVERNMENT.

Governor, Joseph D. Sayers; Lieutenant-Governor, J. S. Browning; Secretary of State, D. H. Hardy; Treasurer, J. W. Robbins; Comptroller, R. W. Finley; Superintendent of Public Instruction, J. S. Kendall; Commissioner of Agriculture, Jeff. Johnson; Adjutant-General, Thomas Scurry; Commissioner of General Land Office, Charles Rogan; Attorney-General, T. S. Smith—all Democrats.

JUDICIARY.

Supreme Court: Chief Justice, Reuben R. Gaines; Associate Justices, Thomas J. Brown and F. A. Williams; Clerk, Chas. S. Morse—all Democrats.

STATE LEGISLATURE, 1899.

The Legislature is composed of 148 Democrats, 2 Republicans, 7 Populists, and 2 Independents.

VOTE OF THE STATE SINCE 1872.

|               | Dem.             | Rep.         | Gr.     | Pro.   | Maj.          |
|---------------|------------------|--------------|---------|--------|---------------|
| 1872. Pres... | 66,456           | 47,426       | ....    | ....   | 19,029 D      |
| 1876. Pres... | 104,755          | 44,800       | ....    | ....   | 59,955 D      |
| 1878. Gov...  | 158,983          | 29,402       | 55,002  | ....   | *103,981 D    |
| 1880. Pres... | 156,428          | 57,893       | 27,405  | ....   | *98,535 D     |
| 1884. Pres... | 225,309          | 93,141       | 3,321   | 3,538  | *132,168 D    |
| 1886. Gov...  | 228,776          | 65,236       | ....    | ....   | *163,540 D    |
|               |                  |              |         |        | <i>Labor.</i> |
| 1888. Pres... | 234,883          | 58,422       | 29,459  | 4,749  | *146,614 D    |
| 1890. Gov...  | 262,432          | 77,742       | ....    | 2,463  | *184,690 D    |
|               |                  |              |         |        | <i>Pop.</i>   |
| 1892. Pres... | 239,148          | 81,444       | 49,688  | 2,165  | *139,460 D    |
| 1894. Comp.   | 216,240          | †62,575      | 149,857 | 2,209  | *66,383 D     |
| 1895. Gov...  | 241,882          | 55,405       | 159,224 | 45,026 | *82,658 D     |
|               | <i>Dem.-Pop.</i> | <i>N. D.</i> |         |        |               |
| 1896. Pres... | 370,454          | 167,520      | 5,046   | 1,786  | *202,914 D    |
|               | <i>Dem. Pop.</i> |              |         |        |               |
| 1898. Gov...  | 285,074          | 132,848      | ....    | ....   | 152,726 D     |

\* Plurality. † United vote for two candidates. ‡ Independent Republican.

UTAH.

| COUNTIES.<br>(27.) | PRESIDENT,<br>1896.      |                         | COUNTIES.     | PRESIDENT,<br>1896.      |                         |
|--------------------|--------------------------|-------------------------|---------------|--------------------------|-------------------------|
|                    | Bryan,<br>Dem.<br>& Pop. | Mc-<br>Kinley<br>& Pop. |               | Bryan,<br>Dem.<br>& Pop. | Mc-<br>Kinley<br>& Pop. |
| Beaver.....        | 1,058                    | 206                     | San Pete..... | 3,398                    | 1,806                   |
| Box Elder....      | 1,878                    | 741                     | Sevier.....   | 1,859                    | 504                     |
| Cache.....         | 4,289                    | 832                     | Summit.....   | 3,396                    | 261                     |
| Carbon.....        | 664                      | 83                      | Tooele.....   | 1,632                    | 276                     |
| Davis.....         | 1,749                    | 453                     | Utah.....     | 887                      | 109                     |
| Emery.....         | 988                      | 284                     | Utah.....     | 7,365                    | 2,032                   |
| Garfield.....      | 615                      | 250                     | Wasatch....   | 1,266                    | 56                      |
| Grand.....         | 265                      | 27                      | Washington    | 1,216                    | 163                     |
| Iron.....          | 213                      | 214                     | Wayne.....    | 406                      | 78                      |
| Juab.....          | 2,353                    | 437                     | Weber.....    | 6,335                    | 1,365                   |
| Kane.....          | 232                      | 291                     |               |                          |                         |
| Millard.....       | 1,388                    | 171                     | Total.....    | 64,517                   | 13,484                  |
| Morgan.....        | 579                      | 138                     | Plurality.... | 51,033                   | ..                      |
| Piute.....         | 556                      | 35                      | Per cent....  | 82.93                    | 17.17                   |
| Rich.....          | 404                      | 163                     | Scattering..  | 21                       | ..                      |
| Salt Lake....      | 18,578                   | 2,565                   | Whole vote    | 78,022                   | ..                      |
| San Juan....       | 164                      | 5                       |               |                          |                         |

The scattering vote was for Palmer, Nat. Dem. For Representative in Congress, 1898, the vote was: B. H. Roberts, Dem., 35,396; A. L. Eldridge, Rep., 29,631; W. Foster, Pop., 2,878.

For Judge of the Supreme Court in 1898 the vote was: R. N. Baskin, Dem., 34,670; Zane, Rep., 31,573; J. M. Bowman, Pop., 1,484.

PRESENT STATE GOVERNMENT.

Governor, Heber M. Wells; Secretary of State, J. T. Hammond; Attorney-General, A. C. Bishop; Auditor, M. Richards, Jr.; Treasurer, James Chipman; Superintendent of Public Instruction, J. K. Park.

JUDICIARY.

Supreme Court: Chief Justice, George W. Barch, Rep.; Justices, J. A. Miner, Rep., and R. N. Baskin, Dem.; Clerk, L. P. Palmer, Rep.

STATE LEGISLATURE, 1899.

The Legislature is composed of 41 Democrats, 16 Republicans, and 6 Fusionists.

VERMONT.

| COUNTIES.<br>(14.) | GOVERNOR,<br>1898.   |                | PRESIDENT,<br>1896.      |                         |                       |                        |
|--------------------|----------------------|----------------|--------------------------|-------------------------|-----------------------|------------------------|
|                    | Moh-<br>ney,<br>Dem. | Smith,<br>Rep. | Bryan,<br>Dem.<br>& Pop. | Mc-<br>Kinley<br>& Pop. | Pal-<br>mer,<br>N. D. | Lev-<br>ering,<br>Pro. |
| Addison.....       | 530                  | 3,860          | 404                      | 4,314                   | 36                    | 81                     |
| Bennington..       | 1,128                | 2,308          | 653                      | 3,086                   | 61                    | 36                     |
| Caledonia....      | 884                  | 2,405          | 729                      | 3,474                   | 120                   | 94                     |
| Chittenden..       | 2,354                | 3,986          | 1,416                    | 4,743                   | 54                    | 54                     |
| Essex.....         | 361                  | 718            | 277                      | 873                     | 33                    | 13                     |
| Franklin....       | 1,572                | 3,691          | 1,150                    | 3,444                   | 107                   | 72                     |
| Grand Isle..       | 219                  | 482            | 168                      | 426                     | 31                    | 2                      |
| Lamoille....       | 387                  | 1,487          | 440                      | 2,061                   | 23                    | 27                     |
| Orange.....        | 902                  | 2,450          | 567                      | 3,067                   | 121                   | 69                     |
| Orleans.....       | 443                  | 2,493          | 442                      | 3,412                   | 56                    | 46                     |
| Rutland....        | 2,376                | 4,885          | 1,661                    | 6,794                   | 161                   | 89                     |
| Washington.        | 1,863                | 3,585          | 1,396                    | 4,476                   | 177                   | 66                     |
| Windham....        | 897                  | 2,664          | 670                      | 4,829                   | 190                   | 50                     |
| Windsor....        | 770                  | 3,541          | 674                      | 6,128                   | 126                   | 34                     |
| Total.....         | 14,686               | 38,555         | 10,637                   | 51,127                  | 1,331                 | 733                    |
| Plurality....      | ..                   | 23,869         | ..                       | 40,490                  | ..                    | ..                     |
| Per cent....       | 27.03                | 70.95          | 16. . .                  | 80.08                   | 2.09                  | 1.15                   |
| Scattering..       | 1,096                | ..             | ..                       | 16                      | ..                    | ..                     |
| Whole vote.        | 54,357               | ..             | ..                       | 63,844                  | ..                    | ..                     |

Of the scattering vote for Governor in 1898, Wyman, Pro., had 1,075.

The vote for Governor in 1896 was: Josiah Grout, Rep., 53,246; J. H. Jackson, Dem., 14,855; Joseph Battell, Pop., 8,313; R. C. Whittemore, Pro., 755. Grout's plurality, 38,391.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

I. Counties of Addison, Bennington, Chittenden, Franklin, Grand Isle, Lamoille, and Rutland. Herbert F. Brigham, Dem., 8,026; H. Henry Powers, Rep., 20,350; scattering, 8. Powers' plurality, 12,324.

II. Counties of Caledonia, Essex, Orange, Orleans, Washington, Windham, and Windsor. C. A. G. Jackson, Dem., 5,967; William W. Grout, Rep., 17,728; scattering, 57. Grout's plurality, 11,761.

PRESENT STATE GOVERNMENT.

Governor, Edward C. Smith; Lieutenant-Governor, Henry C. Bates; Secretary of State, Frederick A. Howland; Treasurer, John L. Bacon; Auditor, Orion M. Barber; Adjutant-General, T. S. Peck; Superintendent of Education, Mason S. Stone—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, Russell S. Taft; Associate Justices, Loveland Munson, John W. Rowell, John H. Watson, H. R. Start, L. H. Thompson, and James M. Tyler; Clerk, M. E. Smilie—all Republicans.

STATE LEGISLATURE, 1899.

|                       | Senate. |     | House. |    | Joint Ballot. |
|-----------------------|---------|-----|--------|----|---------------|
| Republicans.....      | 30      | 201 | 231    | .. | ..            |
| Democrats ..          | ..      | 42  | 42     | .. | ..            |
| Prohibitionist ..     | ..      | 1   | 1      | .. | ..            |
| Non-Partisan ..       | ..      | 1   | 1      | .. | ..            |
| Republican majority.. | 30      | 157 | 187    | .. | ..            |

VOTE OF THE STATE SINCE 1872.

|                 | Dem.   | Rep.   | Gr.   | Pro.  | Plu.         |
|-----------------|--------|--------|-------|-------|--------------|
| 1872. Pres..... | 10,927 | 41,481 | ....  | ....  | *30,554 R    |
| 1876. Pres..... | 20,350 | 44,428 | ....  | ....  | *24,078 R    |
| 1878. Gov.....  | 17,247 | 37,312 | 2,635 | ....  | *20,065 R    |
| 1880. Pres..... | 18,316 | 45,567 | ....  | ....  | *27,251 R    |
| 1884. Pres..... | 17,331 | 39,514 | 785   | 1,752 | 22,183 R     |
| 1888. Gov.....  | 19,527 | 48,522 | ....  | 1,372 | 28,995 R     |
| 1888. Pres..... | 16,788 | 45,192 | ....  | 1,460 | 28,404 R     |
| 1890. Gov.....  | 19,290 | 33,662 | ....  | 1,161 | 14,163 R     |
| 1892. Pres..... | 16,325 | 37,992 | ....  | 1,415 | 21,667 R     |
|                 |        |        |       |       | <i>Pop.</i>  |
| 1894. Gov.....  | 14,142 | 42,663 | 740   | 457   | 28,521 R     |
|                 |        |        |       |       | <i>N. D.</i> |
| 1896. Pres..... | 10,637 | 51,127 | 1,331 | 733   | 40,490 R     |
| 1898. Gov.....  | 14,686 | 38,555 | ..    | 1,075 | 23,869 R     |

\* Majority.

VIRGINIA.

| COUNTIES AND CITIES. (118.) | GOVERNOR, 1897. |               |              | PRESIDENT, 1896. |                 |               |
|-----------------------------|-----------------|---------------|--------------|------------------|-----------------|---------------|
|                             | Tyler, Dem.     | Mc-Caul, Rep. | Cutler, Pro. | Bryan, Dem.      | Mc-Kinley, Rep. | Palmer, N. D. |
| Accomac.....                | 1,405           | 145           | 79           | 3,115            | 1,675           | 28            |
| Alleghany.....              | 487             | 644           | 91           | 720              | 1,711           | 13            |
| Albemarle.....              | 1,278           | 732           | 24           | 2,628            | 1,918           | 51            |
| Al'xandriaCy.....           | 1,108           | 469           | 30           | 1,830            | 1,281           | 32            |
| AlexandriaCo.....           | 249             | 248           | 1            | 322              | 713             | 2             |
| Amherst.....                | 1,310           | 777           | 56           | 1,751            | 1,190           | 10            |
| Amelia.....                 | 456             | 416           | 15           | 663              | 899             | 5             |
| Appomattox.....             | 766             | 188           | 9            | 946              | 598             | 1             |
| Augusta.....                | 2,317           | 1,270         | 148          | 3,966            | 2,823           | 34            |
| Bath.....                   | 375             | 245           | 2            | 508              | 471             | 6             |
| Bedford.....                | 1,989           | 949           | 19           | 3,085            | 2,248           | 35            |
| Bland.....                  | 423             | 295           | 4            | 492              | 398             | 1             |
| Botetourt.....              | 1,303           | 948           | 23           | 1,494            | 1,614           | 22            |
| Bristol City.....           | 327             | 187           | 8            | 413              | 244             | 12            |
| Brunswick.....              | 1,039           | 676           | 21           | 1,539            | 956             | 12            |
| Buchanan.....               | 581             | 307           | 13           | 509              | 695             | 5             |
| Buckingham.....             | 852             | 534           | 11           | 1,247            | 1,199           | 24            |
| BuenaVist'Cy.....           | 213             | 111           | 8            | 219              | 184             | 3             |
| Campbell.....               | 1,118           | 697           | 18           | 2,115            | 1,696           | 8             |
| Carroll.....                | 1,237           | 1,331         | 20           | 1,528            | 1,672           | 3             |
| Caroline.....               | 736             | 739           | 39           | 1,293            | 1,502           | 9             |
| Charles City.....           | 165             | 39            | 4            | 272              | 362             | 7             |
| Charlotte.....              | 827             | 115           | 5            | 1,468            | 538             | 34            |
| Ch'rlott'ville.....         | 329             | 46            | 6            | 801              | 371             | 11            |
| Chesterfield.....           | 1,097           | 508           | 21           | 1,129            | 1,273           | 22            |
| Clarke.....                 | 756             | 77            | 6            | 1,174            | 494             | 7             |
| Craig.....                  | 393             | 147           | 41           | 490              | 249             | 14            |
| Culpeper.....               | 1,113           | 457           | 4            | 1,704            | 1,113           | 5             |
| Cumberland.....             | 455             | 151           | 1            | 618              | 657             | 41            |
| Danville.....               | 850             | 303           | 60           | 1,072            | 1,078           | 10            |
| Dickenson.....              | 499             | 382           | 23           | 547              | 534             | 7             |
| Dinwiddie.....              | 943             | 225           | 16           | 1,099            | 741             | 19            |
| ElizabethCity.....          | 699             | 492           | 10           | 573              | 919             | 3             |
| Essex.....                  | 862             | 133           | 5            | 924              | 669             | 22            |
| Fairfax.....                | 1,700           | 1,069         | 18           | 2,109            | 1,877           | 23            |
| Fauquier.....               | 1,516           | 542           | 5            | 2,744            | 1,563           | 23            |
| Floyd.....                  | 547             | 902           | 7            | 848              | 1,525           | 12            |
| Fluvanna.....               | 675             | 305           | 7            | 919              | 708             | 11            |
| Franklin.....               | 1,491           | 918           | 33           | 2,305            | 1,711           | 11            |
| Frederick.....              | 695             | 12            | 12           | 1,848            | 845             | 19            |
| Fredericksbg.....           | 473             | 97            | 8            | 533              | 388             | 9             |
| Giles.....                  | 987             | 486           | 92           | 993              | 777             | 16            |
| Gloucester.....             | 860             | 193           | 1            | 819              | 549             | 7             |
| Goochland.....              | 523             | 587           | 4            | 676              | 877             | 10            |
| Grayson.....                | 1,155           | 1,066         | 11           | 1,328            | 1,473           | 28            |
| Greene.....                 | 725             | 168           | 10           | 853              | 581             | 3             |
| Greensville.....            | 2,112           | 624           | 29           | 3,231            | 2,050           | 20            |
| Halifax.....                | 1,051           | 580           | 61           | 1,499            | 1,337           | 37            |
| Hanover.....                | 1,274           | 225           | 23           | 2,332            | 1,817           | 48            |
| Henrico.....                | 1,018           | 849           | 36           | 1,409            | 1,783           | 4             |
| Henry.....                  | 312             | 275           | 7            | 553              | 489             | 2             |
| Highland.....               | 1,267           | 294           | 4            | 1,264            | 727             | 3             |
| Isle of Wight.....          | 233             | 128           | 8            | 261              | 201             | 1             |
| James City.....             | 506             | 428           | 3            | 582              | 681             | 6             |
| King George.....            | 820             | 163           | 6            | 853              | 665             | 3             |
| King & Queen.....           | 316             | 165           | 24           | 592              | 990             | 5             |
| King William.....           | 912             | 614           | 19           | 1,073            | 599             | 4             |
| Lancaster.....              | 1,196           | 603           | 54           | 1,475            | 1,470           | 11            |
| Lee.....                    | 1,133           | 896           | 85           | 1,366            | 1,391           | 10            |
| Loudoun.....                | 1,922           | 520           | 25           | 2,471            | 1,991           | 9             |
| Lunenburg.....              | 467             | 159           | 16           | 1,045            | 475             | 4             |
| Lynchburg.....              | 1,148           | 129           | 36           | 1,657            | 1,647           | 26            |
| Madison.....                | 808             | 221           | 26           | 1,089            | 724             | 18            |
| Manchester.....             | 600             | 249           | 10           | 812              | 588             | 7             |
| Mathews.....                | 577             | 192           | 12           | 797              | 444             | 6             |
| Mecklenburg.....            | 988             | 1,113         | 12           | 2,099            | 2,353           | 6             |
| Middlesex.....              | 462             | 48            | 9            | 688              | 680             | 3             |
| Montgomery.....             | 1,123           | 825           | 56           | 1,317            | 1,594           | 12            |
| Nansemond.....              | 1,257           | 585           | 7            | 1,300            | 1,060           | 8             |
| Nelson.....                 | 1,233           | 645           | 57           | 1,492            | 1,183           | 23            |
| New Kent.....               | 174             | 248           | 20           | 369              | 446             | 5             |
| Norfolk City.....           | 2,593           | 375           | 32           | 3,068            | 1,995           | 93            |
| Norfolk C'nty.....          | 1,710           | 951           | 21           | 2,137            | 3,475           | 29            |
| N'port News.....            | 654             | 181           | 7            | 676              | 815             | 20            |
| Northampton.....            | 493             | 265           | 10           | 1,086            | 802             | 11            |
| Northumb'l'd.....           | 545             | 213           | 25           | 953              | 904             | 3             |
| Nottoway.....               | 754             | 250           | 20           | 936              | 478             | 2             |

VIRGINIA—Continued.

| COUNTIES AND CITIES. | GOVERNOR, 1897. |               |              | PRESIDENT, 1896. |                 |               |
|----------------------|-----------------|---------------|--------------|------------------|-----------------|---------------|
|                      | Tyler, Dem.     | Mc-Caul, Rep. | Cutler, Pro. | Bryan, Dem.      | Mc-Kinley, Rep. | Palmer, N. D. |
| Orange.....          | 847             | 415           | 39           | 1,324            | 957             | 13            |
| Page.....            | 691             | 393           | 17           | 1,166            | 1,454           | 13            |
| Patrick.....         | 930             | 999           | 5            | 886              | 1,140           | 3             |
| Petersburg.....      | 824             | 259           | 44           | 1,682            | 766             | 83            |
| Pittsylvania.....    | 2,064           | 1,218         | 114          | 3,987            | 3,196           | 25            |
| Portsmouth.....      | 842             | 173           | 8            | 1,880            | 769             | 48            |
| Powhatan.....        | 407             | 371           | 2            | 628              | 637             | 4             |
| Prince Edw'd.....    | 717             | 274           | 17           | 991              | 979             | 22            |
| Prince George.....   | 378             | 2             | 60           | 518              | 394             | 5             |
| Prince Will'm.....   | 653             | 187           | 15           | 1,241            | 737             | 7             |
| Princess Anne.....   | 566             | 191           | 15           | 790              | 687             | 2             |
| Pulaski.....         | 1,000           | 937           | 8            | 1,109            | 1,489           | 8             |
| Radford City.....    | 364             | 92            | 4            | 372              | 309             | 10            |
| Rappahann'ck.....    | 933             | 230           | 4            | 1,076            | 569             | 8             |
| Richmond C'y.....    | 3,839           | 505           | 4            | 7,839            | 5,160           | 334           |
| Richmond Co.....     | 576             | 330           | 64           | 667              | 667             | 7             |
| Roanoke City.....    | 1,529           | 702           | 85           | 2,005            | 1,697           | 33            |
| Roanoke Co.....      | 726             | 802           | 29           | 1,114            | 1,484           | 12            |
| Rockbridge.....      | 1,430           | 1,287         | 14           | 1,634            | 2,290           | 103           |
| Rockingham.....      | 2,169           | 1,557         | 67           | 2,998            | 3,524           | 27            |
| Russell.....         | 1,456           | 956           | 15           | 1,530            | 1,475           | 4             |
| Scott.....           | 1,755           | 1,236         | 39           | 1,793            | 2,206           | 11            |
| Shenandoah.....      | 1,698           | 846           | 110          | 2,052            | 2,102           | 47            |
| Smyth.....           | 1,134           | 754           | 10           | 1,407            | 1,546           | 7             |
| Southampton.....     | 1,503           | 274           | 7            | 1,438            | 439             | 6             |
| Spottsylvania.....   | 490             | 381           | 3            | 877              | 903             | 4             |
| Stafford.....        | 591             | 555           | 3            | 629              | 1,084           | 3             |
| Stantton.....        | 627             | 167           | 36           | 713              | 556             | 42            |
| Surrey.....          | 667             | 226           | 3            | 709              | 609             | 5             |
| Sussex.....          | 685             | 140           | 7            | 769              | 418             | 4             |
| Tazewell.....        | 1,396           | 1,270         | 46           | 1,582            | 2,529           | 9             |
| Warren.....          | 770             | 145           | 13           | 1,172            | 575             | 20            |
| Warwick.....         | 536             | 80            | 5            | 238              | 577             | 2             |
| Washington.....      | 1,917           | 1,632         | 31           | 2,374            | 2,669           | 16            |
| Westmoreland.....    | 472             | 227           | 1            | 705              | 827             | 8             |
| Williamsburg.....    | 112             | 65            | 6            | 113              | 90              | 1             |
| Winchester.....      | 303             | 75            | 6            | 490              | 447             | 27            |
| Wise.....            | 625             | 527           | 2            | 966              | 1,230           | 6             |
| Wythe.....           | 1,565           | 1,023         | 5            | 1,683            | 1,882           | 71            |
| York.....            | 698             | 145           | 12           | 722              | 233             | 1             |
| Total.....           | 109655          | 56,840        | 2,743        | 154709           | 135368          | 2,129         |
| Plurality.....       | 52,815          | 1             | 1            | 19,341           | 1               | 0             |
| Per cent.....        | 64.43           | 30.40         | 1.61         | 52.62            | 45.83           | 0.72          |
| Scattering.....      |                 | 946           |              |                  | 2,453           |               |
| Whole vote.....      |                 | 170,184       |              |                  | 334,664         |               |

Of the scattering vote in 1897, Quantz, Soc. L., had 528 and Cowden, Ind., 414.  
 The scattering vote in 1896 was for Matchett, Soc. L., 108; Levering, Pro., 2,350.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

- Districts.
- I. Counties of Accomac, Carolina, Essex, Gloucester, King and Queen, Lancaster, Mathews, Middlesex, Northampton, Northumberland, Richmond, Spottsylvania, Westmoreland, and the city of Fredericksburg. W. A. Jones, Dem., 8,844; J. A. Bristow, Rep., 4,270; Crockett, Pro., 230. Jones' plurality, 4,574.
  - II. Counties of Charles City, Elizabeth City, Isle of Wight, James City, Nansemond, Norfolk, Princess Anne, Southampton, Surrey, Warwick, York, and the cities of Norfolk, Portsmouth, Williamsburg, and Newport News. W. A. Young, Dem., 12,183; R. A. Wise, Rep., 6,204; Holland, Ind. Rep., 3,445. Young's plurality, 5,979.
  - III. Counties of Chesterfield, Goochland, Hanover, Henrico, King William, New Kent, and the cities of Richmond and Manchester. John Lamb, Dem., 7,058; O. H. Russell, Rep., 1,914; B. B. Weisiger, Rep., 1,138. Lamb's plurality, 5,144.
  - IV. Counties of Amelia, Brunswick, Dinwiddie, Greensville, Lunenburg, Mecklenburg, Nottoway, Powhatan, Prince Edward, Prince George, Sussex, and the city

VIRGINIA—Continued.

of Petersburg, Sydney P. Epes, Dem., 8,633; R. T. Thorp, Rep., 5,889; Ellis, Rep., 255. Epes' plurality, 2,744.

V. Counties of Carroll, Floyd, Franklin, Grayson, Henry, Patrick, Pittsylvania, and the city of Danville. C. A. Swanson, Dem., 13,459; E. Parr, Rep., 9,858; Bennett, Pro., 193. Swanson's plurality, 3,601.

VI. Counties of Bedford, Campbell, Charlotte, Halifax, Montgomery, Roanoke, and the cities of Lynchburg, Radford, and Roanoke. Peter J. Otey, Dem., 10,759; C. A. Heermans, Rep., 2,310; Rutler, Rep., 2,535. Otey's plurality, 8,224.

VII. Counties of Albemarle, Clarke, Frederick, Greene, Madison, Page, Rappahannock, Rockingham, Shenandoah, Warren, and the cities of Charlottesville and Winchester. James Hay, Dem., 9,841; D. C. O'Flaherty, Silver Dem., 2,931. Hay's majority, 6,940.

VIII. Counties of Alexandria, Culpeper, Fairfax, Fauquier, King George, Loudoun, Louisa, Orange, Prince William, Stafford, and the city of Alexandria. John F. Rixey, Dem., 6,469; Hughes, Ind., 616; Johnson, Pro., 136. Rixey's plurality, 5,853.

IX. Counties of Bland, Buchanan, Craig, Dickenson, Giles, Lee, Pulaski, Russell, Scott, Smyth, Tazewell, Washington, Wise, Wythe, and the city of Bristol. W. F. Rhea, Dem., 17,344; J. A. Walker, Rep., 16,595. Rhea's majority, 749.

X. Counties of Alleghany, Amherst, Appomattox, Augusta, Bath, Botetourt, Buckingham, Cumberland, Fluvanna, Highland, Nelson, Rockbridge, and the cities of Staunton and Buena Vista. J. M. Quarles, Dem., 10,784; R. T. Hubbard, Rep., 8,150; Smith, Ind., 62. Quarles' plurality, 2,572.

STATE LEGISLATURE, 1900.

|                                   | Senate. | House. | Joint Ballot. |
|-----------------------------------|---------|--------|---------------|
| Democrats .....                   | 38      | 93     | 131           |
| Independents and Republicans..... | 2       | 7      | 9             |
| Democratic majority               | 36      | 86     | 122           |

PRESENT STATE GOVERNMENT.

Governor, J. Hoge Tyler; Lieutenant-Governor, Edward Echols; Secretary of State, Joseph T. Lawless; First Auditor, Morton Marye; Second Auditor, Josiah Ryland, Jr.; Treasurer, A. W. Harman, Jr.; Superintendent of Free Schools, J. W. Southall; Attorney-General, A. J. Montague—all Democrats.

JUDICIARY.

Supreme Court of Appeals: President, James Keith; Justices, John W. Riely, John A. Buchanan, George M. Harrison, and Richard H. Cardwell; Clerk of the Court, G. K. Taylor—all Democrats.

VOTE OF THE STATE SINCE 1872.

|                 | Dem.                 | Rep.    | Pop.   | Pro.  | Maj.      |
|-----------------|----------------------|---------|--------|-------|-----------|
| 1872. Pres .... | 91,654               | 93,468  | ....   | ....  | 1,814 R   |
| 1876. Pres .... | 101,208              | 76,093  | ....   | ....  | 25,115 D  |
| 1880. Pres .... | { 96,449<br>{ 31,527 | 84,020  | ....   | ....  | *31,527 H |
| 1884. Pres..... | 145,497              | 139,356 | ....   | 138   | 6,141 D   |
| 1885. Gov.....  | 152,544              | 136,510 | ....   | ....  | 16,034 D  |
| 1886. Cong..... | 102,221              | 123,080 | ....   | ....  | 20,859 Op |
| 1887. Leg.....  | 119,806              | 119,380 | ....   | ....  | 426 D     |
| 1888. Pres..... | 151,977              | 150,438 | ....   | 1,678 | †1,539 D  |
| 1889. Gov.....  | 162,654              | 120,477 | ....   | 897   | †42,177 D |
|                 |                      |         | N. D.  |       |           |
| 1892. Pres....  | 163,977              | 113,262 | 12,275 | 2,738 | †50,715 D |
| 1893. Gov.....  | 127,940              | ....    | 81,239 | 6,962 | †39,726 D |
| 1896. Pres..... | 154,709              | 135,368 | 2,129  | 2,560 | †19,341 D |
| 1897. Gov.....  | 109,655              | 56,840  | ....   | 2,743 | †52,815 D |

\* Hancock's actual majority in the State, the Democratic and Readjuster vote both being for him. † Plurality.

WASHINGTON.

| COUNTIES.<br>(34.) | JUDGE SUPREME COURT, 1898. |                      |                         |                        | PRESIDENT, 1896.      |                        |  |
|--------------------|----------------------------|----------------------|-------------------------|------------------------|-----------------------|------------------------|--|
|                    | Hes-<br>ton,<br>Fus.       | And-<br>ers,<br>Rep. | Bryan,<br>Dem.&<br>Pop. | Mc-<br>Kinley,<br>Rep. | Pal-<br>mer,<br>N. D. | Lev-<br>ering,<br>Pro. |  |
| Adams .....        | 240                        | 274                  | 963                     | 243                    | 9                     | 11                     |  |
| Asotin .....       | 188                        | 243                  | 254                     | 214                    | 15                    | 3                      |  |
| Chehalis .....     | 1,079                      | 1,213                | 1,312                   | 1,267                  | 38                    | 20                     |  |
| Clallam .....      | 429                        | 474                  | 676                     | 559                    | 41                    | 6                      |  |
| Clarke .....       | 937                        | 1,375                | 1,497                   | 1,497                  | 50                    | 51                     |  |
| Columbia .....     | 674                        | 769                  | 847                     | 776                    | 15                    | 9                      |  |
| Cowlitz .....      | 557                        | 890                  | 955                     | 989                    | 39                    | 23                     |  |
| Douglas .....      | 463                        | 360                  | 722                     | 334                    | 11                    | 10                     |  |
| Franklin .....     | 54                         | 36                   | 108                     | 38                     | 5                     | 2                      |  |
| Garfield .....     | 357                        | 421                  | 469                     | 378                    | 13                    | 14                     |  |
| Island .....       | 125                        | 239                  | 181                     | 206                    | 10                    | 7                      |  |
| Jefferson .....    | 317                        | 610                  | 500                     | 704                    | 36                    | 8                      |  |
| King .....         | 5,802                      | 6,208                | 7,497                   | 6,413                  | 236                   | 144                    |  |
| Kitsap .....       | 453                        | 647                  | 702                     | 728                    | 26                    | 29                     |  |
| Kittitas .....     | 842                        | 1,022                | 1,296                   | 1,044                  | 40                    | 23                     |  |
| Klickitat .....    | 378                        | 842                  | 644                     | 876                    | 44                    | 11                     |  |
| Lincoln .....      | 1,231                      | 1,624                | 1,584                   | 1,594                  | 70                    | 37                     |  |
| Lincoln .....      | 699                        | 1,104                | 1,715                   | 781                    | 56                    | 31                     |  |
| Mason .....        | 372                        | 390                  | 650                     | 397                    | 17                    | 11                     |  |
| Okanogan .....     | 357                        | 496                  | 912                     | 284                    | 38                    | 11                     |  |
| Pacific .....      | 337                        | 776                  | 512                     | 925                    | 50                    | 19                     |  |
| Pierce .....       | 3,570                      | 4,140                | 5,404                   | 4,641                  | 166                   | 58                     |  |
| San Juan .....     | 203                        | 874                  | 283                     | 411                    | 8                     | 3                      |  |
| Skagit .....       | 1,078                      | 1,387                | 1,573                   | 1,268                  | 50                    | 28                     |  |
| Skamania .....     | 144                        | 114                  | 239                     | 123                    | 15                    | 4                      |  |
| Snohomish .....    | 1,852                      | 1,873                | 2,775                   | 1,871                  | 83                    | 43                     |  |
| Spokane .....      | 2,328                      | 3,890                | 5,725                   | 2,701                  | 104                   | 111                    |  |
| Stevens .....      | 1,008                      | 758                  | 1,820                   | 433                    | 46                    | 26                     |  |
| Thurston .....     | 906                        | 1,043                | 1,371                   | 1,052                  | 44                    | 17                     |  |
| Wahkiakum .....    | 205                        | 310                  | 376                     | 290                    | 20                    | 3                      |  |
| Walla Walla .....  | 1,034                      | 1,837                | 1,652                   | 1,596                  | 64                    | 37                     |  |
| Whatcom .....      | 1,423                      | 1,909                | 2,177                   | 1,971                  | 50                    | 68                     |  |
| Whitman .....      | 1,652                      | 2,035                | 3,578                   | 1,592                  | 112                   | 77                     |  |
| Yakima .....       | 897                        | 1,019                | 1,219                   | 948                    | 47                    | 12                     |  |
| Total .....        | 35,239                     | 40,462               | 51,646                  | 39,153                 | 1,668                 | 968                    |  |
| Plurality .....    | ....                       | 8,113                | 12,493                  | ....                   | ....                  | ....                   |  |
| Per cent. ....     | 43.68                      | 54.52                | 55.19                   | 41.84                  | 1.78                  | 1.03                   |  |
| Scattering.....    | 1,323                      | ....                 | ....                    | 148                    | ....                  | ....                   |  |
| Whole vote .....   | 74,024                     | ....                 | ....                    | 93,583                 | ....                  | ....                   |  |

The scattering vote for Judge in 1898 was for Young, Soc. L.

In 1896 Democrats and Populists fused, each having two electors on the Bryan ticket. The scattering vote was for Bentley, Nat. Pro.

The vote for two Representatives in Congress in 1898 was: W. C. Jones, Fus., 33,052; F. H. Lewis, Fus., 36,385; W. L. Jones, Rep., 39,809; J. W. Cushman, Rep., 39,983; W. A. Hamilton, Soc. L., 929; W. Walker, Soc. L., 900. W. L. Jones' plurality, 3,424; Cushman's plurality, 2,603.

PRESENT STATE GOVERNMENT.

Governor, John R. Rogers; Lieutenant-Governor, Thurston Daniels; Secretary of State, W. D. Jenkins; Treasurer, C. W. Young; Auditor, Neal Cheatum; Attorney-General, P. H. Winston; Adjutant-General, E. H. Fox; Supt. Education, F. J. Browne—all Pop. except Winston, Silver Rep.

JUDICIARY.

Supreme Court: Chief Justice, M. J. Gordon; Associate Justices, R. O. Dunbar, M. A. Fullerton, T. J. Anders, J. B. Reavis; Clerk, C. S. Reinhart—all Republicans except Reavis, Dem.

STATE LEGISLATURE, 1899.

|                   | Senate. | House. | Joint Ballot. |
|-------------------|---------|--------|---------------|
| Democrats .....   | 6       | 3      | 9             |
| Republicans ..... | 15      | 70     | 85            |
| Populists .....   | 13      | 4      | 17            |
| Citizens .....    | 1       | 1      | 1             |

VOTE OF THE STATE SINCE ADMISSION.

|                  | Dem.   | Rep.   | Pop.    | Pro.  | Maj.      |
|------------------|--------|--------|---------|-------|-----------|
| 1889. Governor   | 24,732 | 33,711 | ....    | ....  | 8,979 R   |
| 1890. Congress.  | 32,831 | 29,153 | ....    | 2,819 | 6,322 R   |
| 1892. President. | 29,802 | 36,460 | 19,165  | 2,542 | *6,658 R  |
| 1894. Congress.. | 14,160 | 34,812 | 25,140  | 209   | *9,672 R  |
|                  |        |        | N. D.   |       |           |
| 1896. President. | 51,646 | 39,153 | 1,668   | 968   | *12,493 F |
|                  |        |        | Soc. L. |       |           |
| 1898. Judge..... | 32,339 | 40,452 | 1,323   | ....  | *8,113 R  |

\* Plurality.

WEST VIRGINIA.

WEST VIRGINIA—Continued.

| COUNTIES.<br>(55.) | PRESIDENT,<br>1896.      |                       |                       |                        | PRESIDENT,<br>1892.     |                        |
|--------------------|--------------------------|-----------------------|-----------------------|------------------------|-------------------------|------------------------|
|                    | Bryan,<br>Dem.<br>& Pop. | Mc-<br>Kinley<br>Rep. | Pal-<br>mer,<br>N. D. | Lev-<br>ering,<br>Pro. | Cleve-<br>land,<br>Dem. | Harr-<br>ison,<br>Rep. |
| Barbour.....       | 1,644                    | 1,573                 | 1                     | ..                     | 1,522                   | 1,497                  |
| Berkeley.....      | 2,095                    | 2,497                 | 54                    | 20                     | 2,182                   | 2,259                  |
| Boone.....         | 813                      | 678                   | 2                     | 3                      | 782                     | 541                    |
| Braxton.....       | 2,188                    | 1,473                 | 8                     | 28                     | 1,790                   | 1,113                  |
| Brooke.....        | 748                      | 935                   | 5                     | 20                     | 770                     | 740                    |
| Cabell.....        | 2,959                    | 3,038                 | 22                    | ..                     | 2,890                   | 2,328                  |
| Calhoun.....       | 796                      | 1,189                 | ..                    | ..                     | 963                     | 832                    |
| Clay.....          | 606                      | 661                   | ..                    | 2                      | 543                     | 494                    |
| Doddridge.....     | 1,231                    | 1,747                 | 4                     | 17                     | 1,155                   | 1,332                  |
| Fayette.....       | 2,783                    | 4,544                 | 11                    | 53                     | 2,232                   | 2,665                  |
| Gilmer.....        | 1,356                    | 1,000                 | 3                     | 8                      | 1,187                   | 816                    |
| Grant.....         | 372                      | 1,306                 | 3                     | 8                      | 400                     | 1,155                  |
| Greenbrier.....    | 2,414                    | 1,661                 | 21                    | 18                     | 2,299                   | 1,259                  |
| Hampshire.....     | 1,908                    | 676                   | 15                    | 2                      | 1,878                   | 523                    |
| Hancock.....       | 584                      | 843                   | 4                     | 34                     | 593                     | 693                    |
| Hardy.....         | 1,146                    | 547                   | 45                    | ..                     | 1,215                   | 381                    |
| Harrison.....      | 2,485                    | 3,027                 | 13                    | 26                     | 2,327                   | 2,567                  |
| Jackson.....       | 2,296                    | 2,529                 | 6                     | 26                     | 1,883                   | 2,131                  |
| Jefferson.....     | 2,454                    | 1,283                 | 62                    | 27                     | 2,530                   | 1,093                  |
| Kanawha.....       | 4,819                    | 6,393                 | 28                    | 47                     | 4,549                   | 5,078                  |
| Lewis.....         | 1,718                    | 1,813                 | 4                     | 68                     | 1,677                   | 1,550                  |
| Lincoln.....       | 1,365                    | 1,334                 | 6                     | 1                      | 1,085                   | 840                    |
| Logan.....         | 922                      | 982                   | 21                    | 1                      | 1,522                   | 484                    |
| Marion.....        | 3,304                    | 2,121                 | 26                    | 105                    | 2,662                   | 2,584                  |
| Marshall.....      | 2,107                    | 3,560                 | 17                    | 112                    | 1,808                   | 2,568                  |
| Mason.....         | 2,493                    | 3,966                 | 11                    | 10                     | 2,250                   | 2,800                  |
| Mercer.....        | 2,122                    | 2,389                 | 5                     | 12                     | 1,827                   | 1,651                  |
| Mineral.....       | 1,307                    | 1,548                 | 10                    | 40                     | 1,279                   | 1,386                  |
| Mingo.....         | 1,204                    | 632                   | 3                     | 2                      | ..                      | ..                     |
| Monongalia.....    | 1,484                    | 2,683                 | 18                    | 32                     | 1,505                   | 2,255                  |
| Monroe.....        | 1,579                    | 1,323                 | 3                     | 9                      | 1,373                   | 1,141                  |
| Morgan.....        | 432                      | 1,107                 | 24                    | 51                     | 582                     | 910                    |
| McDowell.....      | 986                      | 2,632                 | 4                     | 2                      | 607                     | 1,265                  |
| Nicholas.....      | 1,226                    | 908                   | 5                     | 62                     | 1,063                   | 728                    |
| Ohio.....          | 5,016                    | 6,720                 | 77                    | 68                     | 5,220                   | 5,061                  |
| Pendleton.....     | 1,117                    | 783                   | 6                     | 18                     | 1,075                   | 717                    |
| Pleasants.....     | 887                      | 922                   | 4                     | 3                      | 855                     | 713                    |
| Pocahontas.....    | 993                      | 632                   | 6                     | 18                     | 950                     | 539                    |
| Preston.....       | 1,331                    | 3,528                 | 7                     | 31                     | 1,323                   | 2,866                  |
| Putnam.....        | 1,702                    | 1,877                 | 4                     | 3                      | 1,697                   | 1,612                  |
| Raleigh.....       | 1,103                    | 1,150                 | 4                     | 2                      | 967                     | 871                    |
| Randolph.....      | 1,969                    | 1,427                 | 10                    | 14                     | 1,622                   | 839                    |
| Ritchie.....       | 1,601                    | 2,212                 | 2                     | 56                     | 1,349                   | 1,773                  |
| Roane.....         | 2,126                    | 1,848                 | 5                     | 11                     | 1,709                   | 1,482                  |
| Summers.....       | 1,736                    | 1,569                 | 3                     | 17                     | 1,632                   | 1,293                  |
| Taylor.....        | 1,306                    | 1,838                 | 7                     | 21                     | 1,138                   | 1,522                  |
| Tucker.....        | 1,111                    | 1,260                 | ..                    | 7                      | 967                     | 830                    |
| Tyler.....         | 1,799                    | 2,430                 | ..                    | 22                     | 1,106                   | 1,449                  |
| Upshur.....        | 947                      | 2,280                 | 18                    | 36                     | 938                     | 1,849                  |
| Wayne.....         | 2,443                    | 2,031                 | 11                    | 3                      | 2,096                   | 1,514                  |
| Webster.....       | 972                      | 709                   | ..                    | ..                     | 737                     | 353                    |
| Wetzel.....        | 2,525                    | 1,685                 | ..                    | 13                     | 1,810                   | 1,183                  |
| Wirt.....          | 1,159                    | 1,060                 | 5                     | 9                      | 1,110                   | 926                    |
| Wood.....          | 2,485                    | 4,044                 | ..                    | 31                     | 2,985                   | 3,201                  |
| Wyoming.....       | 613                      | 735                   | ..                    | ..                     | 577                     | 591                    |
| Total.....         | 92,927                   | 104,414               | 677                   | 1,203                  | 84,467                  | 80,293                 |
| Plurality.....     | ..                       | 11,487                | ..                    | ..                     | 4,174                   | ..                     |
| Per cent.....      | 46.87                    | 52.42                 | 0.29                  | 0.41                   | 49.32                   | 46.94                  |
| Scattering.....    | ..                       | ..                    | ..                    | ..                     | 6,311                   | ..                     |
| Whole vote.....    | ..                       | 199,221               | ..                    | ..                     | 171,071                 | ..                     |

The scattering vote in 1892 was: Weaver, Pop. 4,166; Bidwell, Pro., 2,145.

VOTE FOR STATE OFFICERS, 1896.

Governor: Watts, Dem., 93,974; Atkinson, Rep., 105,477; Fitzgerald, Pro., 1,054. Atkinson's plurality, 11,503.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

Districts.

I. Counties of Braxton, Brooke, Doddridge, Gilmer, Hancock, Harrison, Lewis, Marshall, Ohio, Tyler, Wetzel. J. V. Blair, Dem., 19,031; B. B. Dovener, Rep., 20,891.

II. Counties of Barbour, Berkeley, Grant, Hampshire, Hardy, Jefferson, Marion, Mineral,

Monongalia, Morgan, Pendleton, Preston, Randolph, Taylor, Tucker, John T. McGraw, Dem., 22,720; Alston G. TAYLOR, ep., 23,344.

III. Counties of Boone, Clay, Fayette, Greenbrier, Kanawha, Logan, Mercer, Mingo, Monroe, McDowell, Nicholas, Pocahontas, Raleigh, Summers, Upshur, Webster, Wyoming. David E. Johnston, Dem., 22,802; W. S. Edwards, Rep., 22,037. Johnston's plurality, 765.

IV. Counties of Cabell, Calhoun, Jackson, Lincoln, Mason, Pleasants, Putnam, Ritchie, Roane, Wayne, Wirt, Wood. George I. Neal, Dem., 20,854; Romeo H. Freer, Rep., 21,727.

PRESENT STATE GOVERNMENT.

Governor, Geo. W. Atkinson; Secretary of State, W. M. O. Dawson; Treasurer, M. A. Kendall; Auditor, L. M. La Follette; Attorney-General, E. P. Rucker; Superintendent of Schools, J. R. Trotter; Adjutant-General, J. W. M. Appleton—all Republicans.

JUDICIARY.

Supreme Court of Appeals: President, M. H. Dent; Judges, John W. English, Henry Brannon, and H. C. McWhorter; Clerk, J. A. Holley—all Democrats except McWhorter, Rep.

STATE LEGISLATURE, 1899.

|                  | Senate. | House. | Joint Ballot. |
|------------------|---------|--------|---------------|
| Republicans..... | 17      | 32     | 49            |
| Democrats.....   | 9       | 39     | 48            |

Nine seats in Legislature contested.

VOTE OF THE STATE SINCE 1872.

|                       | Dem.   | Rep.    | Gr.   | Pro.  | Maj.      |
|-----------------------|--------|---------|-------|-------|-----------|
| 1872. President.....  | 29,557 | 32,283  | ..    | ..    | 2,746 R   |
| 1876. President.....  | 56,565 | 42,001  | ..    | ..    | 14,564 D  |
| 1880. President.....  | 57,391 | 46,243  | 9,079 | ..    | *11,148 D |
| 1884. President.....  | 67,317 | 63,096  | 805   | 939   | *4,221 D  |
| 1886. Congress.....   | 65,184 | 64,279  | ..    | ..    | *905 D    |
| U. Lab.               |        |         |       |       |           |
| 1888. President.....  | 78,677 | 78,171  | 1,508 | 1,084 | 506 D     |
| 1890. Sup. Judge..... | 78,554 | 70,197  | ..    | 898   | 8,337 D   |
| Pop.                  |        |         |       |       |           |
| 1892. President.....  | 84,467 | 80,293  | 4,166 | 2,145 | 4,174 D   |
| N. D.                 |        |         |       |       |           |
| 1894. Congress.....   | 76,146 | 89,605  | ..    | ..    | 13,359 R  |
| N. D.                 |        |         |       |       |           |
| 1896. Governor.....   | 93,974 | 105,477 | ..    | 1,054 | 11,503 R  |
| 1896. President.....  | 92,927 | 104,414 | 677   | 1,203 | 11,487 R  |

\* Plurality.

WISCONSIN.

| COUNTIES.<br>(70.) | GOVERNOR,<br>1898.   |                        | PRESIDENT,<br>1896.      |                       |                       |                        |
|--------------------|----------------------|------------------------|--------------------------|-----------------------|-----------------------|------------------------|
|                    | Saw-<br>yer,<br>Dem. | Sec-<br>field,<br>Rep. | Bryan,<br>Dem.<br>& Pop. | Mc-<br>Kinley<br>Rep. | Pal-<br>mer,<br>N. D. | Lev-<br>ering,<br>Pro. |
| Adams.....         | 420                  | 1,055                  | 391                      | 1,432                 | 16                    | 27                     |
| Ashland.....       | 1,352                | 1,703                  | 1,743                    | 2,738                 | 26                    | 60                     |
| Berron.....        | 675                  | 1,690                  | 1,324                    | 2,772                 | 27                    | 155                    |
| Bayfield.....      | 697                  | 1,235                  | 770                      | 2,344                 | 13                    | 69                     |
| Brown.....         | 2,929                | 5,476                  | 3,841                    | 5,436                 | 69                    | 88                     |
| Buffalo.....       | 1,011                | 1,640                  | 1,302                    | 2,301                 | 51                    | 61                     |
| Burnett.....       | 54                   | 703                    | 349                      | 800                   | 4                     | 23                     |
| Calumet.....       | 1,411                | 1,370                  | 1,869                    | 1,547                 | 27                    | 28                     |
| Chippewa.....      | 2,150                | 2,273                  | 2,929                    | 3,601                 | 35                    | 84                     |
| Clark.....         | 948                  | 2,043                  | 1,318                    | 3,528                 | 39                    | 97                     |
| Columbia.....      | 2,143                | 3,526                  | 2,380                    | 4,845                 | 108                   | 280                    |
| Crawford.....      | 1,305                | 1,720                  | 1,509                    | 2,323                 | 24                    | 38                     |
| Dane.....          | 6,276                | 5,461                  | 6,521                    | 9,080                 | 159                   | 410                    |
| Dodge.....         | 5,384                | 3,534                  | 4,900                    | 5,610                 | 236                   | 120                    |
| Door.....          | 648                  | 1,571                  | 895                      | 2,402                 | 21                    | 49                     |
| Douglas.....       | 1,578                | 2,862                  | 2,527                    | 4,274                 | 48                    | 96                     |
| Dunn.....          | 1,022                | 1,527                  | 1,418                    | 3,376                 | 33                    | 131                    |
| Eau Claire.....    | 1,850                | 2,648                  | 2,364                    | 4,522                 | 52                    | 186                    |

WISCONSIN—Continued.

WISCONSIN—Continued.

| COUNTIES.   | GOVERNOR,<br>1898.   |                         | PRESIDENT,<br>1898.      |                             |                      |                        |  |
|-------------|----------------------|-------------------------|--------------------------|-----------------------------|----------------------|------------------------|--|
|             | Saw-<br>yer,<br>Dem. | Scot-<br>field,<br>Rep. | Bryan,<br>D-m.<br>& Pop. | Mc-<br>Kin-<br>ley,<br>Rep. | Pal-<br>mer,<br>N D. | Lev-<br>ering,<br>Pro. |  |
| Florence    | 120                  | 297                     | 129                      | 498                         | 2                    | 6                      |  |
| Fond du Lac | 4,194                | 4,201                   | 4,933                    | 6,174                       | 123                  | 157                    |  |
| Forest      | 132                  | 185                     | 172                      | 406                         | 2                    | 15                     |  |
| Grant       | 2,947                | 4,049                   | 3,683                    | 5,315                       | 67                   | 188                    |  |
| Green       | 1,448                | 2,042                   | 2,339                    | 2,093                       | 53                   | 158                    |  |
| Green Lake  | 1,682                | 1,914                   | 1,568                    | 2,103                       | 32                   | 61                     |  |
| Iowa        | 1,848                | 2,285                   | 2,060                    | 3,115                       | 61                   | 174                    |  |
| Iron        | 478                  | 696                     | 472                      | 1,288                       |                      | 26                     |  |
| Jackson     | 639                  | 1,575                   | 778                      | 2,710                       | 39                   | 98                     |  |
| Jefferson   | 3,606                | 2,750                   | 3,504                    | 4,344                       | 263                  | 138                    |  |
| Juneau      | 1,661                | 2,202                   | 1,671                    | 2,832                       | 35                   | 59                     |  |
| Kenosha     | 1,674                | 2,027                   | 1,732                    | 2,827                       | 62                   | 40                     |  |
| Kewaunee    | 1,682                | 1,239                   | 1,649                    | 1,835                       | 91                   | 14                     |  |
| La Crosse   | 2,358                | 3,864                   | 3,056                    | 6,297                       | 225                  | 161                    |  |
| La Fayette  | 1,982                | 2,228                   | 2,236                    | 2,919                       | 59                   | 114                    |  |
| Langlade    | 1,102                | 868                     | 956                      | 1,457                       | 38                   | 23                     |  |
| Lincoln     | 1,327                | 1,132                   | 1,802                    | 1,706                       | 21                   | 44                     |  |
| Manitowoc   | 3,707                | 3,265                   | 3,919                    | 4,430                       | 164                  | 62                     |  |
| Marathon    | 2,765                | 3,068                   | 3,829                    | 3,958                       | 87                   | 70                     |  |
| Marquette   | 1,397                | 3,062                   | 1,867                    | 4,277                       | 29                   | 81                     |  |
| Milwaukee   | 840                  | 1,210                   | 829                      | 1,476                       | 20                   | 25                     |  |
| Monroe      | 19,484               | 20,233                  | 26,536                   | 35,989                      | 520                  | 640                    |  |
| Oconto      | 1,848                | 2,691                   | 2,361                    | 3,683                       | 35                   | 103                    |  |
| Ontonagon   | 1,157                | 1,945                   | 1,290                    | 2,836                       | 35                   | 59                     |  |
| Oneida      | 708                  | 1,095                   | 563                      | 1,453                       | 14                   | 27                     |  |
| Outagamie   | 3,074                | 3,784                   | 4,096                    | 5,433                       | 106                  | 139                    |  |
| Ozaukee     | 1,504                | 857                     | 1,947                    | 1,535                       | 62                   | 30                     |  |
| Pepin       | 433                  | 865                     | 436                      | 1,301                       | 19                   | 37                     |  |
| Pierce      | 1,217                | 1,771                   | 1,412                    | 3,724                       | 38                   | 156                    |  |
| Polk        | 384                  | 1,822                   | 891                      | 2,361                       | 23                   | 61                     |  |
| Portage     | 2,137                | 2,219                   | 2,890                    | 5,537                       | 54                   | 82                     |  |
| Price       | 515                  | 951                     | 550                      | 1,448                       | 19                   | 37                     |  |
| Racine      | 2,850                | 3,846                   | 3,975                    | 5,849                       | 104                  | 213                    |  |
| Richland    | 1,430                | 1,852                   | 2,098                    | 2,636                       | 16                   | 129                    |  |
| Rock        | 2,676                | 5,427                   | 3,656                    | 6,282                       | 86                   | 237                    |  |
| St. Croix   | 1,481                | 2,111                   | 2,475                    | 3,462                       | 38                   | 158                    |  |
| Sauk        | 1,999                | 2,671                   | 2,611                    | 4,623                       | 97                   | 242                    |  |
| Sawyer      | 355                  | 547                     | 399                      | 514                         | 2                    | 28                     |  |
| Shawano     | 1,451                | 1,863                   | 1,594                    | 3,035                       | 32                   | 54                     |  |
| Sheboygan   | 3,203                | 4,137                   | 3,327                    | 6,644                       | 247                  | 90                     |  |
| Taylor      | 921                  | 869                     | 710                      | 1,387                       | 27                   | 20                     |  |
| Trempealeau | 827                  | 1,994                   | 1,394                    | 3,306                       | 24                   | 152                    |  |
| Vernon      | 111                  | 2,440                   | 1,627                    | 4,393                       | 28                   | 102                    |  |
| Vilas       | 587                  | 695                     | 443                      | 754                         | 9                    | 8                      |  |
| Walworth    | 1,313                | 3,352                   | 1,894                    | 5,347                       | 57                   | 282                    |  |
| Washburn    | 244                  | 598                     | 250                      | 771                         | 8                    | 21                     |  |
| Washington  | 2,583                | 2,094                   | 2,404                    | 2,877                       | 86                   | 31                     |  |
| Waukesha    | 3,321                | 3,669                   | 3,192                    | 5,411                       | 108                  | 162                    |  |
| Waupaca     | 1,189                | 3,274                   | 1,577                    | 5,472                       | 65                   | 129                    |  |
| Wausara     | 389                  | 2,340                   | 456                      | 3,210                       | 27                   | 102                    |  |
| Winnebago   | 4,471                | 5,293                   | 5,089                    | 7,898                       | 101                  | 211                    |  |
| Wood        | 1,850                | 1,615                   | 1,877                    | 2,839                       | 31                   | 54                     |  |
| Total       | 135,553              | 173,137                 | 165,523                  | 268,135                     | 4,584                | 7,509                  |  |
| Plurality   |                      | 37,784                  |                          | 102,612                     |                      |                        |  |
| Per cent.   | 41.08                | 52.55                   | 36.99                    | 59.93                       | 1.02                 | 1.68                   |  |
| Scattering  |                      | 20,672                  |                          | 1,660                       |                      |                        |  |
| Whole vote. | 329,429              |                         |                          | 447,411                     |                      |                        |  |

W. Babcock, Rep., 19,195; R. B. Griggs, Pro., 1,025. Babcock's plurality, 7,158.

IV. County of Milwaukee (part). Joseph G. Donnelly, Dem., 14,022; Theobald Otjen, Rep., 15,903; E. Schilling, Pop., 2,227; L. A. Arnold, Soc. Dem., 993; J. Moser, Soc. L., 500. Otjen's plurality, 1,881.

V. Counties of Milwaukee (part), Ozaukee, Sheboygan, Washington, and Waukesha. Chas. E. Armin, Dem., 13,233; Samuel Barney, Rep., 17,056; W. B. Rubin, Pop., 997; W. R. Nethercut, Pro., 424; George Eckelman, Soc. Dem., 892; A. F. Hintz, Soc. L., 342. Barney's plurality, 3,823.

VI. Counties of Calumet, Fond du Lac, Green Lake, Manitowoc, Marquette, Washara, and Winnebago. Frank C. Stewart, Dem., 16,878; James H. Davidson, Rep., 20,107; W. H. Clark, Pro., 738. Davidson's plurality, 3,428.

VII. Counties of Buffalo, Eau Claire, Jackson, La Crosse, Monroe, Pepin, and Trempealeau. John E. Doherty, Dem., 8,128; John J. Esch, Rep., 16,136; L. W. Wood, Pro., 689. Esch's plurality, 8,008.

VIII. Counties of Brown, Door, Kewaunee, Outagamie, Portage, Waupaca, and Wood. Phil. Sheridan, Dem., 13,668; Edward S. Minor, Rep., 16,910; J. W. Evans, Pro., 629. Minor's plurality, 3,242.

IX. Counties of Ashland, Clark, Florence, Forest, Iron, Langlade, Lincoln, Marathon, Marinette, Oconto, Oneida, Price, Shawano, Taylor, and Vilas. Wells M. Ruggles, Dem., 14,371; Alexander Stewart, Rep., 20,825; Ed. Kerswill, Pro., 663. Stewart's plurality, 6,454.

X. Counties of Barron, Bayfield, Burnett, Chipewewa, Douglas, Dunn, Pierce, Polk, Sawyer, St. Croix, and Washburn. John R. Mathews, Dem., 8,436; John J. Jenkins, Rep., 17,601; C. Pieper, Pop., 864; W. B. Hopkins, Pro., 969. Jenkins' plurality, 9,165.

PRESENT STATE GOVERNMENT.

Governor, Edward Scofield; Lieutenant-Governor, Jesse Stone; Secretary of State, W. H. Froehlich; Treasurer, J. O. Davidson; Attorney-General, E. R. Hicks; Superintendent of Education, L. D. Harvey; Insurance Commissioner, E. Giljohan; Railroad Commissioner, Graham L. Rice—all Republicans.

JUDICIARY.

Supreme Court: Chief Justice, John B. Cassoday, Rep.; Associate Justices, John B. Winslow, Dem.; C. V. Bardeen, Rep.; J. E. Dodge, Dem., and Roujet D. Marshall, Rep.; Clerk, Clarence Kellogg.

STATE LEGISLATURE, 1899.

Senate, Assembly, Joint Ballot.

|                     |    |    |     |
|---------------------|----|----|-----|
| Democrats           | 2  | 19 | 21  |
| Republicans         | 31 | 81 | 112 |
| Republican majority | 29 | 62 | 91  |

VOTE OF THE STATE SINCE 1872.

|                  | Dem.    | Rep.    | Gr. | Pvo.   | Plu.      |
|------------------|---------|---------|-----|--------|-----------|
| 1872. President  | 86,477  | 104,863 |     |        | 18,511 R. |
| 1876. President  | 123,519 | 150,669 |     |        | 6,150 R.  |
| 1879. Governor   | 75,030  | 100,535 |     | 12,996 | 25,505 R. |
| 1880. President  | 114,634 | 144,297 |     | 7,980  | 29,763 R. |
| 1881. Governor   | 69,797  | 81,754  |     | 7,002  | 13,957 R. |
| 1884. President  | 146,459 | 161,157 |     | 4,593  | 7,656 R.  |
| 1886. Governor   | 114,529 | 133,274 |     | 21,467 | 17,089 R. |
|                  |         |         |     |        | 18,718 R. |
| 1888. President  | 155,232 | 176,553 |     | 8,552  | 14,277 R. |
| 1890. Governor   | 160,383 | 152,068 |     | 5,447  | 11,246 R. |
|                  |         |         |     |        | 28,320 D. |
| 1892. President  | 177,335 | 170,791 |     | 9,909  | 13,132 R. |
| 1894. Governor   | 142,250 | 196,160 |     | 25,604 | 11,240 R. |
| 1895. Sup. Court | 116,024 | 106,935 |     |        | 53,900 R. |
|                  |         |         |     |        | 9,089 D.  |
| 1896. President  | 165,523 | 268,135 |     | 4,584  | 7,509 R.  |
| 1898. Governor   | 135,353 | 173,137 |     | 8,577  | 8,078 R.  |
|                  |         |         |     |        | 37,734 R. |

Of the scattering vote for Governor in 1898, Worsley, Pop., had 8,577; Chapin, Pro., 8,078; Tuttle, Soc. Dem., 2,544, and Riese, Soc. L., 1,473.

The scattering vote for President in 1896 was: Bentley, Nat. Pro., 346; Matchett, Soc. L., 1,314.

VOTE FOR REPRESENTATIVES IN CONGRESS, 1898.

**Districts.**  
**I.** Counties of Green, Kenosha, La Fayette, Racine, Rock, and Walworth. Clinton Babbitt, Dem., 11,447; Henry A. Cooper, Rep., 19,887; J. C. Huffman, Pro., 995. Cooper's plurality, 3,440.  
**II.** Counties of Columbia, Dane, Dodge, and Jefferson. James E. Jones, Dem., 15,768; Herman B. Dahle, Rep., 16,892; J. B. Smith, Pro., 856. Dahle's plurality, 1,124.  
**III.** Counties of Adams, Crawford, Grant, Iowa, Juneau, Richland, Sauk, and Vernon. Thomas L. Cleary, Dem., 12,037; Joseph

## ELECTION RETURNS—Continued.

## WYOMING.

| COUNTIES.<br>(13.) | GOVERNOR,<br>1898. |                        |                | PRESIDENT,<br>1896.      |                        |                        |
|--------------------|--------------------|------------------------|----------------|--------------------------|------------------------|------------------------|
|                    | Alger,<br>Dem.     | Rich-<br>ards,<br>Rep. | Viall,<br>Pop. | Bryan,<br>Dem.<br>& Pop. | Mc-<br>Kinley,<br>Rep. | Lev-<br>ering,<br>Pro. |
| Albany.....        | 877                | 1,136                  | 9              | 1,073                    | 1,220                  | 26                     |
| Big Horn.....      | 421                | 586                    | 8              | 591                      | 538                    | 15                     |
| Carbon.....        | 886                | 1,221                  | 7              | 1,080                    | 1,229                  | 11                     |
| Converse.....      | 464                | 583                    | 1              | 459                      | 555                    | 12                     |
| Crook.....         | 392                | 591                    | 167            | 563                      | 524                    | 6                      |
| Fremont.....       | 454                | 586                    | 4              | 523                      | 535                    | 7                      |
| Johnson.....       | 355                | 363                    | 11             | 467                      | 284                    | 1                      |
| Laramie.....       | 1,574              | 1,520                  | 10             | 1,628                    | 1,776                  | 16                     |
| Natrona.....       | 305                | 418                    | ..             | 327                      | 302                    | 2                      |
| Sheridan.....      | 900                | 607                    | 164            | 1,104                    | 877                    | 12                     |
| Sweetwater.....    | 669                | 810                    | 25             | 996                      | 754                    | 16                     |
| Uinta.....         | 1,411              | 1,427                  | 21             | 1,726                    | 907                    | 6                      |
| Weston.....        | 281                | 529                    | 4              | 228                      | 451                    | 6                      |
| Total.....         | 8,989              | 10,383                 | 431            | 10,655                   | 10,072                 | 136                    |
| Plurality.....     |                    | 1,394                  |                | 583                      |                        |                        |
| Per cent.....      | 45.39              | 52.43                  | 2.18           | 51.06                    | 48.29                  | 0.60                   |
| Whole vote.....    |                    | 19,803                 |                | 20,863                   |                        |                        |

Bryan's Democratic vote in 1896 was 10,369; his Populist vote, 286.

The vote for Governor in 1894 was: Holliday, Dem., 6,965; Richards, Rep., 10,149; Tidball, Pop., 2,176. Richards' plurality, 3,184.

The vote for Governor in 1892 was: Osborne, Dem. and Pop., 8,442; Ivins, Rep., 7,446; Brown, Pro., 416. Osborne's plurality, 1,691.

## VOTE FOR REPRESENTATIVE IN CONGRESS, 1898.

C. P. Arnold, Dem., 8,466; F. W. Mondell, Rep., 10,762; W. Brown, Pop., 443. Mondell's plurality, 2,296.

## WYOMING—Continued.

## PRESENT STATE GOVERNMENT.

Governor, De Forest Richards; Secretary of State, F. Chatterton; Treasurer, G. E. Abbott; Auditor, Leroy Grant; Adjutant-General, Frank A. Stitzer; Attorney-General, J. A. Van Orsdel; Superintendent of Education, T. T. Tynan—all Republicans.

## JUDICIARY.

Supreme Court: Chief Justice, C. N. Potter, Rep.; Associate Justices, Samuel T. Corn, Dem., and Jesse Knight, Rep.; Clerk, R. C. Morris.

## STATE LEGISLATURE, 1899.

|                       | Senate. | House. | Joint Ballot. |
|-----------------------|---------|--------|---------------|
| Democrats.....        | 6       | 3      | 9             |
| Republicans.....      | 13      | 25     | 48            |
| Republican majority.. | 7       | 32     | 39            |

## VOTE OF THE TERRITORY AND STATE SINCE 1878.

|                   | Dem.   | Rep.   | Pop.  | Scat. | Majority. |
|-------------------|--------|--------|-------|-------|-----------|
| 1878. Congress... | 2,769  | 3,848  | ..... | ..... | 1,079 R   |
| 1880. Congress... | 3,907  | 3,760  | ..... | ..... | 147 D     |
| 1882. Congress... | 5,813  | 4,702  | ..... | ..... | 1,111 D   |
| 1884. Congress... | 5,586  | 7,225  | ..... | ..... | 1,639 R   |
| 1886. Congress... | 8,259  | 8,259  | ..... | 1,113 | 7,146 R   |
| 1888. Congress... | 7,557  | 10,451 | ..... | ..... | 2,894 R   |
| 1890. Governor..  | 7,153  | 8,879  | ..... | ..... | 1,726 R   |
| 1892. President.. | .....  | 8,454  | 7,722 | 530   | 732 R     |
|                   | D.-P.  |        |       |       |           |
| 1892. Governor..  | 8,442  | 7,446  | ..... | 416   | 1,691 D.P |
| 1894. Governor..  | 6,965  | 10,149 | 2,176 | ..... | 3,184 R   |
| 1896. President.. | 10,655 | 10,072 | ..... | 136   | 583 D     |
| 1898. Governor..  | 8,989  | 10,383 | 431   | ..... | 1,394 R   |

## Federal Officers in New York City.

## CUSTOM-HOUSE.—Wall, corner William Street.

Collector.—Geo. R. Bidwell.  
Chief Clerk of Customs and Special Deputy Collector.—Joseph J. Couch (\$5,000).

Deputy Collectors.—Frank Raymond, John Quackenbush, James A. Cryan, Dudley F. Phelps, Randolph H. Brown, Charles A. King, H. L. Swords, and H. E. Esterbrook (\$3,000 each).

Cashier.—Jeremiah M. Wood (\$4,500), William Street, corner Exchange Place.

Acting Disbursing Agent.—Samuel W. Thompson (\$4,000).

Auditor.—Josiah S. Knapp (\$4,000).

Naval Officer.—Robt. A. Sharkey (\$8,000), 22 Exchange Place.

Comptroller.—H. W. Gourley (\$3,000).

Surveyor.—Silas C. Croft (\$8,000) William, corner Wall Street.

Deputy Surveyors.—Daniel Dowling, T. F. Reed, John Steibling (\$2,500 each).

Appraiser.—Wilbur F. Wakeman (\$6,000), Christopher and Greenwich Streets.

Assistant Appraisers.—G. W. Wainmaker, J. H. Brewer, Warner Sherwood, Edwin A. Hartshorn, Lyman B. Carhart, Jos. P. Skillman, Alex. Hamill, Michael Nathan, Harvey T. Andrews, Thos. C. Warden (\$3,000 each).

## SUB-TREASURY.—Wall, corner Nassau Street.

Assistant Treasurer.—Conrad N. Jordan (\$8,000).

Deputy Assistant Treasurer and Cashier.—Marice L. Muhleman (\$4,200).

Assistant Cashier.—George W. Marlor (\$3,600).

Assistant Cashier.—Edward W. Hale (\$3,200).

## POST-OFFICE.—B'way and Park Row. See Index.

U. S. ASSAY OFFICE.—30 Wall Street.

Superintendent.—Andrew Mason (\$4,500).

Assayer.—Herbert G. Torrey (\$9,000).

Melter and Refiner.—Benjamin T. Martin (\$3,000).

## INTERNAL REVENUE OFFICERS.

(Compensation of Collectors not to exceed \$4,500 a year for each district.)

Second District.—1st, 2d, 3d, 4th, 5th, 6th, 8th, 9th, 15th, and parts of the 14th and 16th Wards, Chas. H. Treat, Collector, 150 Nassau Street.

Third District.—7th, 10th, 11th, 12th, 13th, 17th, 18th, 19th, 20th, 21st, 22d, and parts of 14th and 16th Wards, Ferd. Eidman, Collector, 47 E. 23d Street.

Brooklyn Borough.—First District.—Embracing all of Long Island and Richmond Borough (Staten Island), Frank R. Moore, Collector, Post-Office Building, Brooklyn Borough.

## NATIONAL BANK EXAMINER.—45 B'way.

Examiner.—William H. Kimball (fees).

## PENSION AGENCY.—398 Canal Street.

Pension Agent.—Michael Kirwin.

## COMMISSIONER OF IMMIGRATION.—Ellis Island.

Commissioner.—Thos. J. Fitchie (\$6,000).

Assistant Commissioner.—Edward F. McSweeney (\$4,000).

## SHIPPING COMMISSIONER.—4 Bridge Street.

Commissioner.—Joseph M. Dickey (\$4,000).

Deputy.—James P. Keenan (\$2,000).

## LAW COURTS.—See Index.

## WEATHER BUREAU.—100 Broadway.

Local Forecast Official.—Eben H. Emery.

## STEAM VESSELS' INSPECTORS.—P. O. Bldg.

Supervising Inspector.—Geo. H. Starbuck (\$3,000).

Local Inspectors.—Peter C. Petrie and Thomas H. Barrett (\$2,500 each).

## U. S. LIFE-SAVING STATIONS.—17 State Street.

Inspector.—C. A. Abbey.

## LIST OF OFFICIALS AND SALARIES.

**Mayor.**—Robert A. Van Wyck (\$15,000).  
*Secretary.*—A. M. Downes, 6 City Hall (\$5,000).  
*Chief Bureau of Licenses.*—David J. Roche (\$2,800),  
 1 City Hall.

*Deputy.*—Geo. W. Brown, Jr. (\$2,000).  
**Borough Presidents.**  
*Manhattan Borough.*—James J. Coogan, 10 City  
 Hall (\$5,000); Ira E. Rider, *Secretary*.  
*Bronx Boro.*—L. F. Haffen (\$5,000), 3d Ave. and  
 177th St.

*Brooklyn Boro.*—E. M. Grout (\$5,000), 1 Boro. Hall.  
*Queens Boro.*—Fredk. Bowley (\$3,000), L. I. City.  
*Richmond Borough.*—George Cromwell (\$3,000),  
 New Brighton.

### Council.

*President.*—Randolph Guggenheimer (\$5,000).  
*Vice-President.*—John T. Oakley, *City Clerk*.—P. J.  
 Scully (\$7,000). *Deputy.*—N. J. Hayes (\$5,000).  
*Deputy for Brooklyn Borough.*—Jos. V. Scully.

**DISTRICTS AND COUNCILMEN.** (SALARY, \$1,500.)

*Manhattan Borough.*—1, Thos. F. Foley, John T.  
 Oakley, Martin Engel; 2, Frank J. Goodwin, Geo.  
 M. Mumford, Patrick J. Ryder; 3, Harry C. Hart,  
 Geo. B. Christman, John J. Murphy; 4, Eugene A.  
 Wise, Stewart M. Brice, Herman Sulzer.

*Bronx Borough.*—5, Wm. J. Hyland, Adolph C.  
 Hottenroth, Bernard C. Murray.

*Brooklyn Borough.*—6, Chas. H. Francisco, Francis  
 F. Williams, Conrad H. Hester; 7, Adam H.  
 Leich, Henry French, Chas. H. Ebbets; 8, John  
 J. McGarry, Wm. A. Doyle, Martin F. Conly.

*Queens Borough.*—9, David L. Van Nostrand,  
 Joseph Cassidy.

*Richmond Borough.*—10, Joseph F. O'Grady,  
 Benj. J. Bodine.

### Aldermen.

*President.*—Thos. F. Woods. *Vice-President.*—  
 Wm. H. Gledhill. *Clerk.*—Michael E. Blake (\$5,000).

**BOROUGHS AND DISTRICTS.** (SALARY, \$1,000.)

*Manhattan Borough.*—1, Michael Kennedy; 2,  
 Jeremiah Cronin; 3, Joseph E. Welling; 4, Isaac  
 Marks; 5, Joseph A. Flinn; 6, Frederick F.  
 Fleck; 7, Chas. Culklin; 8, Max J. Porges; 9,  
 Frank L. Dowling; 10, Henry W. Wolf; 11, Wm.  
 H. Gledhill; 12, Jas. J. Smith; 13, Chas. Metzger;  
 14, John T. McMahon; 15, Robert Muh; 16, Emil  
 Newfeld; 17, John J. Tuomey; 18, Jas. E. Gaffney;  
 19, David M. Holmes; 20, Thos. F. Woods; 21,  
 Armitage Mathews; 22, Michael Ledwith; 23,  
 Henry J. Rottmann; 24, Frank Dunn; 25, Herbert  
 Parsons; 26, E. F. McEneaney; 27, Jos. Oatman;  
 28, John T. McCall; 29, Louis F. Cardani; 30,  
 George A. Burrell; 31, Elias Goodman; 32, Wm.  
 F. Schneider, Jr.; 33, Thomas F. McCaul; 34  
 (Manhattan and Bronx Boroughs), L. W. McGrath.

*Bronx Borough.*—35th District, Henry Geiger;  
 part 1st and 2d Assembly District, Westchester  
 County, Frank Gass.

*Brooklyn Borough* (Assembly Districts).—1,  
 Robert F. Downing; 2, James J. Bridges; 3,  
 Moses J. Wafer; 4, William H. C. Delano; 5, Peter  
 Holler; 6, John Diemer; 7, Wm. Keegan; 8,  
 Francis P. Kenny; 9, Frank Hennessy; 10, F. J.  
 Byrne; 11, S. W. McKeever; 12, Earnest A. See-  
 beck, Jr.; 13, Owen J. Murphy; 14, Patrick S. Kee-  
 ly; 15, Jacob J. Veiten; 16, Wm. Wentz; 17,  
 John Wirth; 18, James H. McInnes; 19, Bernard  
 Schmitt; 20, Alex. F. Wacker; 21, Charles Alt.

*Richmond Borough.*—John J. Vaughan, Jr.

*Queens Borough.*—Long Island City and New-  
 town, Joseph Geiser; Jamaica and Flushing, and  
 that part of town of Hempstead in New York City,  
 Luke Otten.

### Coroners.—(Criminal Court Building.)

*Manhattan Borough.*—E. T. Fitzpatrick, J. E.  
 Bausch, E. W. Hart, Antonio Zucca.

*Bronx Boro.*—A. McOwen and T. M. Lynch.

*Brooklyn Boro.*—A. J. Burger and G. W. Delap.

*Queens Borough.*—Phillip T. Cronin, Samuel S.  
 Guy, Jr., Leonard Rouff, Jr., Jamaica, L. I.

*Richmond Boro.*—J. Seaver and G. C. Tranter.

**Department of Finance.**—Stewart Building.

*Comptroller.*—Bird S. Coler (\$10,000).

*Deputy.*—Michael T. Daly (\$7,500).

*Assistant Deputy.*—Edgar J. Levey (\$5,250).

*First Auditor of Accounts.*—John F. Gouldsbury  
 21 Stewart Building (\$3,750).

*Collector of Assessments and Arrears.*—Edward  
 Gilon, 35 Stewart Building (\$4,000).

*Receiver of Taxes.*—David E. Austen, 57 Cham-  
 bers Street (\$5,000). *Deputy.*—J. J. McDonough.

*Brooklyn Borough.*—*Auditor.*—Wm. McKinnny.

*Deputy Receiver of Taxes.*—James B. Bouck.

*Collector of Assessments and Arrears.*—Michael  
 O'Keefe.

*Richmond Borough.*—*Auditor.*—Walter H. Holt.

*Deputy Receiver of Taxes.*—Matthew S. Tully. *Col-  
 lector Assessments and Arrears.*—George Brand.

*Collector of City Revenue and Superintendent of  
 Markets.*—David O'Brien (Manhattan), (\$4,000).

*City Paymaster.*—John H. Timmerman, 65 Reade  
 Street (\$4,000).

**CITY CHAMBERLAIN.**—Patrick Keenan, 27  
 Stewart Building (\$13,000).

*Deputy.*—John H. Campbell (\$5,000).

**Commissioner of the Sinking Fund.**—

Mayor, Comptroller, Chamberlain, President of the  
 Council, Chairman Finance Committee, Board  
 of Aldermen.

**Kings County Treasurer's Office.**

*County Treasurer.*—John W. Kimball (\$5,000).

*Deputy.*—Thos. F. Farrell (\$3,600).

**Board of Public Improvements.**—13 to 21  
 Park Row.

*President.*—Maurice F. Holahan (\$3,000).

*Secretary.*—John H. Mooney (\$5,000).

*Com. of Highways.*—J. P. Keating (\$7,500).

*Deputies.*—W. N. Shannon (Manhattan), T. R.  
 Farrell (Brooklyn), J. H. Maloney (Bronx), J. P.  
 Madden (Queens), (\$5,000 each).

*Com. of Sewers.*—James Kane (\$7,500).

*Deputies.*—M. F. Donohue (Manhattan), T. J.  
 Byrnes (Bronx), Wm. Brennan (Brooklyn), M. J.  
 Goldner (Queens), H. P. Morrison (Richmond).

*Com. of Bridges.*—J. L. Shea (\$7,500).

*Deputies.*—T. H. York (Manhattan), M. H. Moore  
 (Bronx), H. Beam (Brooklyn), J. E. Backus  
 (Queens).

*Com. of Water Supply.*—W. Dalton (\$7,500).

*Deputies.*—T. J. Mulligan (Bronx), J. H. Haslin  
 (Manhattan), James Moffett (Brooklyn), William  
 Rasquin, Jr. (Queens), H. P. Morrison (Richmond).

*Commissioner of Street Cleaning.*—James McCart-  
 ney (\$7,500).

*Deputies.*—F. M. Gibson (Manhattan), P. H.  
 Quinn (Brooklyn), J. Liebertz (Bronx), J. P.  
 Madden (Queens).

*Commissioner of Public Buildings, Lighting, and  
 Supplies.*—Henry S. Kearny (\$7,500).

*Deputies.*—P. J. Dooley (Manhattan), George  
 Best (Bronx), Joel Fowler (Queens), E. I. Miller  
 (Richmond).

### Department of Police.

Central Office and Bureau of Elections, 300 Mul-  
 berry Street. House for Detention of Witnesses,  
 263 Mulberry Street.

*Commissioners.*—B. J. York, *President*; John B.  
 Sexton, Jacob Hess, H. E. Abell (\$5,000 each).

*Chief of Police.*—Wm. S. Devery (\$6,000).

*Deputies.*—Wm. W. McLaughlin (Manhattan),  
 M. W. Cortright (Manhattan and Bronx), John  
 MacKellar (Brooklyn), P. H. McLaughlin (Brook-  
 lyn), Elias P. Clayton (Queens).

*Inspectors.*—Nicholas Brooks, John J. Harley, A.  
 A. Cross, W. L. Thompson, J. H. Grant, Geo. H.  
 Rhodes, John Brennan, Thos. Murphy, Donald  
 Grant, James Kane (\$3,500 each).

*Chief Clerk.*—William H. Kipp (\$5,000).

*Supl. of Elections.*—T. F. Rodebaugh (\$6,000).

**Department of Health.**—S. w. cor. 55th St.  
 and 6th Ave.

*President and Commissioners.*—Michael C. Murphy  
 (\$7,500), William T. Jenkins (\$6,000), John B.  
 Cosby (\$6,000), the President of Police Board and  
 Health Officer of Port of New York *ex officio*.

*Secretary.*—Emmons Clark.

**Law Department.**—Tryon Row.

*Corporation Counsel.*—John Whalen (\$15,000).

*Assistants.*—Theodore Connoly, W. W. Ladd,  
 Jr., Chas. Blandy, Terrence Farley, H. Steinert,  
 T. J. Creamer, and C. D. Olendorf (\$7,500 each).

*Assistant Corporation Counsel for Brooklyn Boro.*  
 —William J. Carr.

*Bureau of Street Openings.*—90 W. Broadway.

**Department of Fire.**—157 E. 67th St.  
*Commissioner*—John J. Scannell (\$7,500).  
*Deputy for Brooklyn and Queens Boroughs.*—James H. Tully (\$5,000).  
*Chief of Department.*—Edward F. Coker (\$6,000).  
*Deputy Chief.*—Jas. Dale (Brooklyn & Queens).  
*Fire Marshal.*—Peter Seery (Manhattan, Bronx, and Richmond); Alonzo Brymer (Brooklyn and Queens) (\$3,000).  
*Secretary.*—A. T. Docharty.

**Department of Parks.**—Arsenal Central Park.  
*President, and Commissioner of Manhattan and Richmond Boroughs.*—George C. Clausen (\$5,000).  
*Commissioner of Brooklyn and Queens Boroughs.*—George V. Brower (\$5,000).  
*Commissioner of Bronx Boro.*—A. Moebus (\$5,000).  
*Secretary.*—Willis Holly.

**Department of Buildings.**  
 220 Fourth Avenue and 275 Third Avenue.  
*President, and Commissioner of Manhattan and Bronx Boroughs.*—Thomas J. Brady (\$7,000).  
*Secretary.*—Alfred J. Johnson.  
*Commissioner of Brooklyn Borough.*—John Guilfoyle, Borough Hall (\$7,000).  
*Commissioner of Richmond and Queens Boroughs.*—Daniel Campbell (\$3,500).

**Department of Taxes and Assessments.**  
 280 Broadway.  
*President.*—Thomas L. Feitner (\$8,000); Edward C. Sheehy, Arthur C. Salmon (Brooklyn Borough), Thomas J. Patterson (Brooklyn Borough), (\$7,000 each).

**Department of Charities.**—Foot E. 26th St.  
*President, and Commissioner of Manhattan and Bronx Boroughs.*—John W. Keller (\$7,500).  
*Deputy.*—Thos. S. Brennan.  
*Commissioner of Brooklyn and Queens Boroughs.*—Adolph Simis, Jr. (\$7,500).  
*Deputy.*—Edward Glinnen.  
*Commissioner of Richmond Borough.*—James Feeney (\$2,500).

**Department of Correction.**—148 E. 20th St.  
*Commissioner.*—Francis J. Lantry (\$7,500).  
*Deputies.*—N. O. Fanning (Manhattan and Bronx Boroughs), James J. Kirwin (Brooklyn and Queens Boroughs) (\$5,000 each).

**Department Docks and Ferries.**—Pier A, N.R.  
*President.*—J. Sergeant Cram (\$8,000).  
*Commissioners.*—Peter F. Meyer (\$5,000), Charles E. Murphy (\$5,000). *Secretary.*—Wm. H. Burke.

**Commissioner of Jurors.**—127 Stewart B'ld'g.  
 Chas. Welde (Manhattan and Bronx), (\$5,000).  
*Spectral Commissioner.*—H. W. Gray, 115 5th Ave.  
**Commissioners of Accounts.**—115 Stewart B'ld'g.  
 John C. Hertle and Edward Owen (\$5,000 each).

**Civil Service Commissioners.**  
 Criminal Court Building.  
 Charles H. Knox, Alexander T. Mason, William N. Dykman (no salary).  
*Secretary.*—Lee Phillips (\$6,000).

**Bureau Municipal Statistics.**—13 Park Row.  
*Chief.*—John T. Nagle (\$3,500).  
*Commissioners.*—Frederick W. Grube, Richard T. Wilson, Jr., Harry P. Whitney, Julius G. Kugelman, E. Harvier, Antonio Kasines (no salary).

**Public Administrator.**—119 Nassau Street.  
 Wm. M. Hoes (\$6,000). F. W. Arnold, *Asst. Chief Clerk.*—Robert D. Bronson (\$2,200).

**Board of Education.**—146 Grand Street.  
*President.*—Joseph J. Little.  
*Secretary.*—A. Emerson Palmer.  
*Borough Superintendent.*—John Jasper (\$7,500).  
*School Board Brooklyn Boro.*—Charles E. Robertson, Pres.; George G. Brown, Sec.  
*School Board Queens Boro.*—F. De Haas Simonson, Pres.; J. H. Fitzpatrick, Sec. (Flushing, L. I.)  
*School Board Richmond Boro.*—John T. Burke, Pres.; F. C. Vitt, Sec. (Stapleton, S. I.)  
*Secretary.*—Arthur McMullin (\$4,500).  
 (For members of Board of Education, see Index.)

**Board of Estimate and Apportionment.**—Stewart Building.  
*Members.*—The Mayor, *Chairman*; the President Department of Taxes, *Secretary*; the Comptroller, *President of the Council*, and Corporation Counsel (no salary). *Clerk.*—Charles V. Adee.

**Rapid Transit Railroad Commissioners.**—32 Nassau St.  
 Alexander E. Orr, *Pres. lent*; Woodbury Langdon, Morris K. Jesur, Geo. L. Rives, J. H. Starin, Charles S. Smith. The Mayor and Comptroller *ex officio*. *Commissioner's compensation is fixed by the Appellate Division of the Supreme Court.*  
*Secretary.*—Blon L. Burroughs (\$2,500).  
**City Record.**—2 City Hall.  
*Supervisor.*—William A. Butler (\$5,000).  
*Deputy Supervisor.*—Solon Berrick (\$2,500).

**Aqueduct Commissioners.**—280 Broadway.  
 Mayor, Comptroller, *Commissioner of Public Works ex officio*.  
*Commissioners.*—Maurice J. Power, John J. Ryan, Wm. H. Ten Eyck, John P. Windolph (\$5,000 each).  
*Secretary.*—H. W. Walker (\$4,000).

**Board of Assessors.**—320 Broadway.  
*Assessors.*—Edward Cahill, Thomas A. Wilson, John B. Meyenborg, Edward McCue, and Patrick M. Haverly (\$3,000 each).  
*Secretary.*—William H. Jasper (\$4,000).

**New East River Bridge Commission.**—49 Chambers St.  
 Lewis Nixon, *Pres.*; J. W. Boyle, *Vice-Pres.*; Jas. D. Bell, *Sec.*; J. D. Fairchild, *Treas.*; J. W. Weber, S. E. Lane, and the Mayor, *Commissioners*.  
 Chief Engineer's Office, 84 Broadway, Brooklyn.

**COUNTY OFFICERS.**  
**COUNTY CLERK'S OFFICE.**—County C't-r-H'se  
*County Clerk.*—William Solmer (\$15,000).  
*Deputy.*—George H. Fahrback (\$6,000).  
*Kings County Clerk.*—Peter P. Huberty.  
*Deputy.*—William J. Lynch.

**SHERIFF'S OFFICE.**—32 Chambers Street.  
*Sheriff.*—Wm. F. Grell (\$12,000 and half the fees).  
*Under Sheriff.*—Henry P. Mulvaney (\$5,000).  
*Counsel.*—Phillip J. Britz (\$6,000).  
*Warden of County Jail.*—Pat'k H. Pickett (\$3,000).  
*Deputies.*—J. J. Murray, Andrew Roberts, T. J. O'Donnell, Silas Strauss, T. Halligan, Alex. J. Ahearn, Louis Leavitt, Frank Rinn, Thomas Radley, James Carraher, F. Walgering and F. J. Burns (\$2,500 each).  
*Sheriff Kings County.*—William Walton (fees).  
*Under Sheriff.*—Wm. J. Bogenshutz.  
*Warden.*—Richard Bergen.  
*Deputy Sheriffs.*—Garrettson Morris, John J. Bradley, William Cunningham, John P. Beardall.

**REGISTER'S OFFICE.**—City Hall Park.  
*Register.*—Isaac Fromme (\$12,000).  
*Deputy.*—John Von Glahn (\$5,000).  
*Register Kings County.*—James R. Howe (fees).  
*Deputy.*—Warren C. Tredwell (\$5,000).  
**COMMISSIONER OF RECORDS.**—Hall of Records, Brooklyn.  
*Commissioner.*—George E. Waldo (\$5,000).  
*Deputy.*—Frank M. Thorburn.

**STATE OFFICERS.**  
**EXCISE DEPARTMENT.**—1 Madison Avenue.  
*Special Deputy Commissioners.*—George Hilliard (N. Y. County) (\$4,000), H. W. Michell (Kings County), Geo. L. Nichol (Richmond County).  
**STATE BUREAU OF ELECTIONS.**—585 B' way.  
*Superintendent.*—John M. Cullagh.  
*Chief Deputy.*—Clarence V. C. Van Deusen.  
**QUARANTINE COMMISSIONERS.**—11 B' way.  
*Commissioners.*—Edmund J. Palmer, *President*; Frederick H. Schroeder, *Treas.*; Hugh McRoberts (\$2,500 each).  
*Health Officer.*—Alvah H. Doty, M. D. (\$12,500).  
*Secretary.*—Charles F. Bruder.

**PILOT COMMISSIONERS.**—17 State Street.  
*Commissioners.*—A. F. Higgins, J. H. Winchester, W. B. Hilton, Thomas F. Ball, W. I. Comes.  
*Secretary.*—Daniel A. Nash.

**PORT WARDENS.**—1 Broadway.  
*Wardens.*—Hiram Calkins, *President*; Isaac W. Edsall, Robert B. Miller, John H. Boland, Wilbur W. Capron, William O'Connor, Robert M. Johnston, John H. Gunner, and Jas. E. March (fees).  
*Secretary.*—A. W. Dodge.  
*Collector.*—John Regan.  
**State Tax Department.**—Chas. Wilber, 84 Pulitzer Building.



# Courts of Law in Manhattan Borough.

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## APPELLATE DIVISION OF THE SUPREME COURT.

FIRST JUDICIAL DEPARTMENT, MADISON SQUARE.

Salary of Supreme Court Justices, \$17,500.

| Justices.  | Terms Expire. |
|--|---------------|
| Charles H. Van Brunt, <i>Pres. Justice</i> ..... | Dec. 31, 1911 |
| George C. Barrett.....                           | Dec. 31, 1913 |
| Edward Patterson.....                            | Dec. 31, 1910 |
| Morgan J. O'Brien.....                           | Dec. 31, 1901 |

| Justices.                  | Terms Expire. |
|----------------------------|---------------|
| George L. Ingraham.....    | Dec. 31, 1905 |
| Chester B. McLaughlin..... | Dec. 31, 1909 |
| William Rumsey.....        | Dec. 31, 1908 |

Court opens at 1 P. M. *Clerk*—Alfred Wagstaff, salary, \$5,000.  
 AN APPELLATE TERM to hear appeals from the City and the Municipal Courts will sit in the County Court-House. This court is presided over by Justices Beekman, Giegerich, and O'Gorman, and Justices Truax, Scott, and Dugro.

### SUPREME COURT—SPECIAL AND TRIAL TERMS.

| NAME.                    | Office.   | Term Expires. | NAME.                      | Office.   | Term Expires. |
|--------------------------|-----------|---------------|----------------------------|-----------|---------------|
| Abraham R. Lawrence..... | Justice.. | Dec. 31, 1901 | James Fitzgerald.....      | Justice.. | Dec. 31, 1912 |
| Francis M. Scott.....    | " "       | " 31, 1911    | Leonard A. Giegerich.....  | " "       | " 31, 1906    |
| Frederick Smyth.....     | " "       | " 31, 1910    | David Leventritt.....      | " "       | " 31, 1912    |
| Charles F. MacLean.....  | " "       | " 31, 1910    | John J. Freedman.....      | " "       | " 31, 1904    |
| Charles H. Truax.....    | " "       | " 31, 1910    | P. Henry Dugro.....        | " "       | " 31, 1900    |
| George P. Andrews.....   | " "       | " 31, 1912    | David McAdam.....          | " "       | " 31, 1904    |
| Miles Beach.....         | " "       | " 31, 1907    | Henry A. Gildersleeve..... | " "       | " 31, 1905    |
| James A. O'Gorman.....   | " "       | " 31, 1913    | Henry R. Beekman.....      | " "       | " 31, 1908    |
| Henry Bischoff, Jr.....  | " "       | " 31, 1903    |                            |           |               |

*Clerk*.—County Clerk William Sohmer, *ex officio*; salary, \$15,000. *Deputy Clerk*.—G. H. Fahrback; salary, \$5,000.

### SURROGATES' COURT.—County Court-House.

The Surrogates are elected for a term of fourteen years at an annual salary of \$15,000.

| NAME.                 | Office.        | Term Expires. |
|-----------------------|----------------|---------------|
| Abner C. Thomas.....  | Surrogate..... | Jan. 1, 1914  |
| F. T. Fitzgerald..... | " "            | " 1, 1907     |

*Chief Clerk*.—William V. Leary; salary, \$8,500.  
 CITY COURT.—City Hall.

The Judges are elected for a term of six years at an annual salary of \$10,000.

| NAME.                 | Office.          | Term Expires. |
|-----------------------|------------------|---------------|
| J. M. Fitzsimons..... | Chief Judge..... | Dec. 31, 1905 |
| Lewis J. Conlan.....  | Judge.....       | " 31, 1905    |
| J. P. Schuchman.....  | " "              | " 31, 1901    |
| Edw'd F. O'Dwyer..... | " "              | " 31, 1903    |
| J. H. McCarthy.....   | " "              | " 31, 1903    |
| Theo. F. Hascall..... | " "              | " 31, 1901    |

*Clerk*.—Thos. F. Smith; salary, \$4,500.  
*Deputy*.—Edward H. Piepenbring; salary, \$3,000.

### MUNICIPAL COURTS IN MANHATTAN AND BRONX BOROUGHS.

The Justices are elected for a term of ten years at an annual salary of \$6,000. The Clerks are appointed by the Justices for six years, and receive annual salaries of \$3,000.

First District.—Third, Fifth, and Eighth Wards, and all that part of First Ward lying west of Broadway and Whitehall Street, including Governor's Island, Liberty Island, Ellis Island, and the Oyster Islands; New Court-House, No. 128 Prince Street; Daniel E. Finn, *Justice*; Frank L. Bacon, *Clerk*.

Second District.—All that part of First Ward east of Broadway and Whitehall Street, Second, Fourth, Sixth, and Fourteenth Wards; corner Grand and Centre Streets; Herman Bolte, *Justice*; Francis Mangin, *Clerk*.

Third District.—Ninth and Fifteenth Wards; Sixth Avenue, corner West Tenth Street; William F. Moore, *Justice*; Daniel F. Williams, *Clerk*.

Fourth District.—Tenth and Seventeenth Wards; 30 First Street; George F. Roesch, *Justice*; John E. Lynch, *Clerk*.

Fifth District.—Seventh, Eleventh, and Thirteenth Wards. 154 Clinton Street; Benjamin Hoffman, *Justice*.

Sixth District.—Eighteenth and Twenty-first Wards; cor. 23d St. and Second Avenue; Daniel F. Martin, *Justice*; Abram Bernard, *Clerk*.

Seventh District.—Nineteenth Ward; 151 East Fifty-seventh Street; Herman Joseph, *Justice*; Patrick McDavitt, *Clerk*.

Eighth District.—Sixteenth and Twentieth Wards; 269 Eighth Avenue; Joseph H. Stiner, *Justice*; Thomas Costigan, *Clerk*.

### COURT OF ARBITRATION OF THE CHAMBER OF COMMERCE OF THE STATE OF NEW YORK.—32 Nassau St. and 229 Broadway.

*Arbitrator*.—Enoch L. Fancher.

*Clerk*.—George Wilson.

This court was established by act of the Legislature. Sessions are held at the rooms of the Chamber of Commerce, No. 32 Nassau St., and at the office of the Arbitrator, No. 229 Broadway, for the hearing and prompt settlement of controversies, disputes, and matters of difference arising among merchants, shipmasters, and others within the Port of New York. The privileges of this court are confined to no class, and the general public can submit their controversies to it for settlement.

Ninth District.—All of the Twelfth Ward north of East Eighty-sixth Street east of Lenox Avenue, and north of West One Hundred and Tenth Street; 170 East One Hundred and Twenty-first Street; Joseph P. Fallon, *Justice*; William J. Kennedy, *Clerk*.

Tenth District.—Twenty-second Ward and all of the Twelfth Ward south of West One Hundred and Tenth Street and west of Sixth Avenue; 314 West Fifty-fourth Street; Thomas E. Murray, *Justice*; James J. Galligan, *Clerk*.

Eleventh District.—Northern part of Twelfth Ward, Court-room, corner One Hundred and Twenty-sixth Street and Columbus Avenue; Francis J. Worcester, *Justice*; Adolphe N. Du Mahaut, *Clerk*; Robt. Andrews, *Asst. Clerk*.

BRONX BOROUGH.—First District.—All that part of the Twenty-fourth Ward which was lately annexed to the City and County of New York by Chapter 924 of the Laws of 1895, comprising all of the late Town of Westchester, and part of the Towns of Eastchester and Pelham, including the Villages of Wakefield and Williamsbridge. Court-room, Town Hall, Main St., Westchester, New York City; Wm. W. Penfield, *Justice*; John N. Stewart, *Clerk*.

BRONX BOROUGH.—Second District.—Twenty-third and Twenty-fourth Wards; East One Hundred and Fifty-eighth Street, corner Third Avenue; John M. Tierney, *Justice*; Howard Spear, *Clerk*.

# Criminal Courts—City of New York.

## MANHATTAN AND BRONX BOROUGHS.

**PART 1, TRIAL TERM, SUPREME COURT** (the Criminal Term of the Court for the trial of indictments), held by a Justice of the Supreme Court in the Criminal Court Building.  
**GENERAL SESSIONS** (Parts 1, 2, 3, and 4).—In the Criminal Court Building, Centre and Franklin Streets. Held by the City Judge (Chief Justice), the Judges of the Court of General Sessions, and the Recorder.

The City Judge and the Judges of the General Sessions receive an annual salary of \$12,000 each; all are elected for a term of fourteen years.

| NAME.                    | Office.                | Term Expires. |
|--------------------------|------------------------|---------------|
| John W. Goff.....        | Recorder.....          | Dec. 31, 1908 |
| Rufus B. Cowing.....     | City Judge.....        | " 31, 1906    |
| Joseph E. Newburger..... | Judge of Sessions..... | " 31, 1909    |
| Martin T. McMahon.....   | " .....                | " 31, 1909    |
| Warren W. Foster.....    | " .....                | " 31, 1913    |

*Clerk of Part 1, Trial Term, Supreme Court, and of the Court of General Sessions* (office in the Criminal Court Building).—Edward R. Carroll.

**DISTRICT ATTORNEY'S OFFICE.**—Criminal Court Building, Centre and Franklin Streets. The salary of the District Attorney is \$12,000 per annum; assistants to District Attorney, \$7,500; deputy assistants' salaries vary.

| NAME.                    | Office.   | NAME.                      | Office. | NAME.                     | Office. |
|--------------------------|-----------|----------------------------|---------|---------------------------|---------|
| Asa Bird Gardiner.....   | Dist. At. | James L. Gordon.....       | Deputy. | Robertson Honey.....      | Deputy. |
| John F. McIntyre.....    | Asst.     | Moses Herrman.....         | "       | John J. Connell.....      | "       |
| James W. Osborne.....    | "         | Forbes J. Hennessy.....    | "       | Michael J. Sullivan.....  | "       |
| Henry W. Unger.....      | "         | John F. Cowan.....         | "       | Cornelius F. Collins..... | "       |
| James D. McClelland..... | "         | Gerald H. Gray.....        | "       | Keyran J. O'Connor.....   | "       |
| Stephen S. Blake.....    | "         | Chas. E. F. McCann.....    | "       | John Schwarzkoph.....     | "       |
| James J. Walsh.....      | "         | Thomas F. Byrne.....       | "       | Henry J. Goldsmith.....   | "       |
| Robert Townsend.....     | "         | Maurice B. Blumenthal..... | "       | James Dickson Carr.....   | "       |
| Chas. E. Le Barbier..... | "         | Daniel O'Reilly.....       | "       |                           |         |

**DISTRICT ATTORNEY'S OFFICE** (Kings County).—*District Attorney*, John F. Clarke (\$10,000); *First Assistant*, Robert H. Elder (\$7,500); *Assistants*, Wm. C. Courtney (\$6,000), Martin W. Littleton (\$6,000), William Van Wyck, Frank X. McCaffry, Robert H. Roy (\$5,000 each); *Chief Clerk* Arthur H. Walkey (\$3,500).

### SPECIAL SESSIONS.

Criminal Court Building, Centre Street.

| NAME.                         | (Salary, \$9,000.) | Term Expires. |
|-------------------------------|--------------------|---------------|
| Judge Elzbur B. Hinsdale..... |                    | July 1, 1905  |
| " William Travers Jerome..... |                    | " 1, 1903     |
| " Ephraim A. Jacob.....       |                    | " 1, 1901     |
| " John B. McKean.....         |                    | " 1, 1909     |
| " William C. Holbrook.....    |                    | " 1, 1907     |

Court is open daily from 9 A. M. to 4 P. M.; Saturday, 9 A. M. to 12 M. William M. Fuller, *Clerk*. Salary, \$4,000.

### CITY MAGISTRATES.

| MAGISTRATES.            | (Salary, \$7,000.) | Term Expires. |
|-------------------------|--------------------|---------------|
| Joseph M. Duell.....    |                    | July 1, 1902  |
| Leroy B. Crane.....     |                    | " 1, 1902     |
| Henry A. Brann.....     |                    | " 1, 1902     |
| John O. Mott.....       |                    | " 1, 1905     |
| Charles A. Flammer..... |                    | " 1, 1905     |
| Robert C. Cornell.....  |                    | " 1, 1905     |
| W. J. Olmsted.....      |                    | May 1, 1907   |
| Clarence W. Meade.....  |                    | " 1, 1907     |
| Joseph Pool.....        |                    | " 1, 1907     |
| Edward Hogan.....       |                    | July 1, 1909  |
| John B. Mayo.....       |                    | " 1, 1909     |
| Lorenz Zeller.....      |                    | " 1, 1909     |

*Secretary*, Ludwig F. Thoma.

### MAGISTRATES' COURTS.

First District—Criminal Court Building, Centre and Franklin Streets; Second District—125 Sixth Avenue (Jefferson Market); Third District—69 Essex Street; Fourth District—151 East 57th Street; Fifth District—170 East 121st Street; Sixth District—East 158th Street, corner Third Avenue; Seventh District—54th Street, west of Eighth Avenue.

## United States Courts in Manhattan Borough.

**UNITED STATES CIRCUIT COURT OF APPEALS.**—Post-Office Building. *Judges.*—Rufus W. Peckham, Circuit Justice; William J. Wallace, E. Henry Lacombe, and Nathaniel Shipman, Circuit Judges. *Clerk.*—William Parkin; salary, \$3,000.  
*Term.*—Last Tuesday in October.

**UNITED STATES DISTRICT COURT.**—Post-Office Building.

The Judges of the Federal Courts are appointed by the President, and confirmed by the United States Senate, for life.

*Associate Justice of the United States Supreme Court and Judge of the Circuit Court.*—Rufus W. Peckham; salary, \$10,000.

*Circuit Judges.*—William J. Wallace, E. Henry Lacombe, and Nathaniel Shipman; salaries, \$6,000 each.

*Clerk.*—John A. Shields; salary, \$3,500

*General Terms.*—First Monday in April and third Monday in October.

*Equity Term.*—Last Monday in February.

*Terms of Criminal Court.*—Second Wednesdays in January, March, May, October, December, and third in June.

**UNITED STATES DISTRICT COURT.**—Post-Office Building.  
*Judge of the District Court.*—Addison Brown; salary, \$5,000.

*Clerk.*—Samuel H. Lyman.  
*Stated Term.*—First Tuesday in every month.

*Special Term.*—Every Tuesday for return of process.

*United States District Attorney.*—Henry L. Burnett; salary, \$6,000

*Assistant District Attorneys.*—Henry C. Platt, Ernest E. Baldwin, Arthur M. King, D. Frank Lloyd, Clarence E. Houghton, Harry P. Disbecker, Charles D. Baker; salaries range from \$1,800 to \$3,600.

*Marshal.*—William Henkel; salary, \$5,000.

*Chief Deputy.*—Denis Shea; salary, \$2,750.

*Commissioners.*—John A. Shields, Samuel H. Lyman, Samuel R. Betts, Thomas Alexander, Henry P. Butler, Samuel M. Hitchcock, Ed. L. Owen, Enos N. Taft, Daniel B. Deyo, Lorenzo Semple, William D. Jones, William P. Prentice, James L. Williams, Jonathan Deyo.

# INFORMATION ABOUT THE CITY OF NEW YORK. 493

In the following pages information of daily interest to citizens and visitors about the City of New York is given, the subjects, for convenience of reference, being arranged alphabetically. This information is of the date of January 1, 1900, but it must be borne in mind that change in an active community like that of New York are continuously going on, and that accuracy in details can only be guaranteed for the date of issue of the ALMANAC.

## Amusements.

### OPERA HOUSES AND THEATRES IN MANHATTAN AND BRONX BOROUGHS.

| NAME.                  | Location.                     | Proprietors or Managers. | Seating Capacity.* | Prices of Admission. (Subject to Change.) | Performances Begin, P. M. |
|------------------------|-------------------------------|--------------------------|--------------------|---|---------------------------|
| Academy of Music       | E. 14th St. and Irving Place. | Gilmore & Tompkins.      | 3,500              | \$1.50, 1.00, 75c., 50c.                  | 8.15, mat. 2.10.          |
| American Theatre       | 8th Ave., near 42d St.        | Geo. A. Kingsbury.       | 2,000              | 1.00, 75c., 50c., 25c.                    | 8.15, mat. 2.15.          |
| Berkeley Lyceum        | W. 44th St., near 6th Ave.    | B. J. Bloodgood.         | 550                | Special each engagement.                  |                           |
| Bijou Theatre          | Broadway and 30th St.         | Rudolph Aronson.         | 1,200              | \$1.50, 1.00, 75c., 50c., 25c.            | 8.30.                     |
| Broadway Theatre       | Broadway and 41st St.         | Jacob Litt.              | 1,800              | 1.50, 1.00, 75c., 50c.                    | 8.15.                     |
| Casino                 | Broadway and 39th St.         | Geo. W. Lederer.         | 1,800              | 2.00, 1.50, 1.00, 50c.                    | 8.10, mat. 2.             |
| Columbus Theatre       | E. 13th St., n. Lexington Av. | Jack H. Kahn.            | 1,999              | 1.00, 75c., 50c., 25c.                    | 8.15, mat. 2.             |
| Comique Theatre        | Broadway and 29th St.         | Leo Teller.              | 1,000              | 1.50, 1.00, 75c., 50c., 25c.              | 8.15, mat. 2.15.          |
| Criterion Theatre      | Broadway and 44th St.         | Charles Frohman.         | 1,850              |   | 8.30, mat. 2.15.          |
| Daly's Theatre         | Broadway and 30th St.         | Daniel Frohman.          | 1,100              | 2.00, 1.50, 1.00, 50c.                    | 8.15, mat. 2.             |
| Empire Theatre         | Broadway and 40th St.         | Charles Frohman.         | 1,100              | 2.00, 1.50, 1.00, 50c.                    | 8.15, mat. 2.15.          |
| Fifth Avenue Theatre   | Broadway and 28th St.         | Edwin Knowles.           | 1,500              | 2.00, 1.50, 1.00, 75c., 50c.              | 8. mat. 2.                |
| Fourteenth St. Theatre | W. 14th St., near 6th Ave.    | J. W. Rosenquest.        | 1,500              | 1.50, 1.00, 75c., 50c., 25c.              | 8.15, mat. 2.             |
| Garden Theatre         | Madison Ave. and 27th St.     | Charles Frohman.         | 1,098              | 1.50, 1.00, 50c.                          | 8.15, mat. 2.15.          |
| Garrick Theatre        | 35th St., near 6th Ave.       | Charles Frohman.         | 800                | 2.00, 1.50, 1.00, 50c.                    | 8.15.                     |
| Germania Theatre       | E. 8th St., near Broadway.    | L. Hangen.               | 1,113              | 1.00, 75c., 50c., 35c., 25c.              | 8.15.                     |
| Grand Opera House      | W. 23d St. and 8th Ave.       | Augustus Pitou.          | 2,100              | 1.00, 75c., 50c., 25c.                    | 8. mat. 2.                |
| Harlem Opera House     | W. 125th St., near 7th Ave.   | A. Lichenstein.          | 1,600              | 1.50, 1.00, 50c., 25c.                    | 8.15, mat. 2.15.          |
| Herald Square Theatre  | Broadway and 35th St.         | Charles E. Evans.        | 1,200              | 1.00, 75c., 50c.                          | 8.15, mat. 2.15.          |
| Irving Place Theatre   | E. 15th St. and Irving Pl.    | H. Conried.              | 1,196              | 2.00, 1.50, 1.00, 75c., 50c.              | 8.15, mat. 2.15.          |
| Keith's Union Sq. Th.  | E. 14th St., near Broadway.   | B. F. Keith.             | 1,200              | 50c., 25c.                                | 12.30 to 10.30.           |
| Knickerbocker Theatre  | Broadway and 28th St.         | Al. Hayman & Co.         | 1,564              | 2.00, 1.50, 1.00, 50c.                    | 8.15, mat. 2.15.          |
| London Ave. Op. H.     | Lexington Ave., near 53th St. | M. Heumann.              | 1,500              | 1.00, 75c., 50c., 25c.                    | 8.                        |
| Lyon Theatre           | 235 Bowery.                   | Jas. H. Curtin.          | 1,100              | 75c., 50c., 35c., 25c., 15c.              | 8.                        |
| Lyceum Theatre         | 4th Ave., near 23d St.        | Daniel Frohman.          | 650                | 2.00, 1.50, 1.00, 75c., 50c.              | 8.15, mat. 2.             |
| Madison Sq. Theatre.   | 24th St., near Broadway.      | Charles Frohman.         | 646                | 2.00, 1.50, 1.00, 75c., 50c.              | 8.30, mat. 2.15.          |
| Manhattan Theatre      | Broadway, near 33d St.        | Bradley & Ziegfeld.      | 1,100              | 1.50, 1.00, 75c., 50c.                    | 8.15, mat. 2.15.          |
| Metropolitan Theatre   | 142d St. and 3d Ave.          | Henry Rosenberg.         | 1,500              | 1.00, 75c., 50c., 25c.                    | 8.15, mat. 2.15.          |
| Metropolitan Op. House | Broadway, 39th and 40th Sts.  | Maurice Grau Op. Co.     | 3,400              | 5.00 down to 1.00.                        |                           |
| Mines's Bowery Th.     | Bowery, near Broome St.       | H. C. Miner.             | 1,850              | 75c., 50c., 25c., 15c.                    | 8.15, mat. 2.15.          |
| Mines's 8th Ave. Th.   | 8th Ave., near 25th St.       | Edwin D. Miner.          | 2,000              | 75c., 50c., 35c., 25c., 15c.              | 8.15, mat. 2.15.          |
| Mines's Theatre        | 125th St. and Lexington Ave.  | Edwin D. Miner.          | 2,100              | 1.00, 75c., 50c., 35c., 25c., 15c.        |                           |
| Murray Hill Theatre.   | Lexington Ave. and 41st St.   | Henry V. Donnelly.       | 1,500              | 1.00, 75c., 50c., 35c., 25c.              | 8. mat. 2.15.             |
| New York Theatre       | Broadway and 44th St.         | Sire Bros.               | †                  | 2.00, 1.50, 1.00, 75c.                    | 8. mat. 2.15.             |
| Olympic Theatre        | 3d Ave. and 130th St.         | Jas. H. Curtin.          | 1,080              | 1.00, 50c., 35c., 25c., 15c.              | 8. mat. 2.                |
| Pleasure Palace        | E. 58th St., near 3d Ave.     | Frederick F. Proctor.    | 1,900              | 1.00, 75c., 50c., 25c.                    | 2 to 10.30.               |
| Proctor's Theatre      | W. 23d St., near 6th Ave.     | Frederick F. Proctor.    | 2,000              | 50c., 25c.                                | 12.30 to 10.45.           |
| Star Theatre           | Broadway and 13th St.         | R. M. Gulick.            | 2,200              | 1.00, 75c., 50c., 25c., 15c.              | 8.15, mat. 2.             |
| Thalia Theatre         | Bowery, near Canal St.        | Feinman Kessler.         | 1,705              | 1.00, 75c., 50c., 35c., 25c.              | 8.15.                     |
| Third Ave. Theatre     | 3d Ave., near 31st St.        | A. H. Sheldon & Co.      | 3,145              | 1.50, 1.00, 75c., 50c., 25c.              | 8.15, mat. 2.15.          |
| Tony Pastor's Theatre  | E. 14th St., near 3d Ave.     | Tony Pastor.             | 1,500              | 1.00, 75c., 50c., 25c.                    | 1 continuous.             |
| Victoria Theatre       | Broadway and 7th Ave.         | Oscar Hammerstein.       | 1,500              |   | 8.30, mat. 2.15.          |
| Wallack's Theatre      | Broadway and 30th St.         | Theodore Moss.           | 1,500              | 2.00, 1.50, 1.00, 50c.                    | 8.15, mat. 2.15.          |
| Windsor Theatre        | Bowery, near Canal St.        | Heine & Horowitz.        | 1,700              | 1.00, 75c., 50c., 35c., 25c.              | 8.15, mat. 2.             |

\* Seating capacity is given, but there is usually standing room in addition for a large number of persons. † Theatre, 1,400; Music Hall, 2,500; Concert Hall, 1,500. Theatre-goers should consult the daily papers as to time performance begins.

### MUSIC HALLS.

| NAME.                         | Proprietors or Managers.  | Location.  | Seating Capacity. |
|-------------------------------|---------------------------|--|-------------------|
| Broadway Music Hall           | Weber & Fields            | Broadway and 29th St. (Admission, \$2.00 to 50c. Performance, 8.10 P. M.; matinee, 2.15 P. M.)         | 1,500             |
| Carnegie Music Hall           | Sheldon & Barry.          | W. 57th St., near 7th Ave.   | †2,628            |
| Central Opera House Mus. Hall | Jack Ruppert.             | 67th St. and 3d Ave.   | 1,000             |
| Chickering Hall               | Chickering & Sons.        | 5th Ave. and 18th St.  | 1,250             |
| Eden Musee                    | Richard G. Holiaman.      | W. 23d St., near 6th Ave. (10 A. M. to 10 P. M.)   | 800               |
| Koster & Bial's               |                           | W. 34th St., near Broadway. (Adm. \$1.50, \$1.00, 75c., 50c. Begins 8.15 P. M.; Sat. mat., 2.15 P. M.) | 2,400             |
| Lenox Lyceum                  | M. D. Barry.              | E. 59th St. and Madison Ave.   | 2,200             |
| Madison Square Garden         | Madison Square Garden Co. | Madison Ave., 26th and 27th Sts.   | 13,000            |

† Carnegie Lyceum, seating capacity, 750.

Musical entertainments are sometimes given in halls customarily used for other purposes, such as Cooper Union Hall, Masonic Temple Hall, Lyric Hall, Tammany Hall, Clarendon Hall, 114 East 13th St., Germania Assembly Rooms, 291 Bowry; Atlantic Garden, 50 Bowery; Grand Central Palace, 43d St. and Lexington Ave., seating capacity of the Amphitheatre, 8,500; Concert Hall, 2,500; Roof Garden, 10,000. American Institute, 19 West 44th St.

MUSEUMS.—Metropolitan Museum of Art, 5th Ave. and 82d St. (Central Park), free on Tuesday, Wednesday, Thursday, Saturday, from 10 A. M. to 5.30 P. M., and on Monday and Friday from 8 to 10 P. M.; open on Sunday from 1 P. M. to half hour before sunset, on Monday and Friday, during the day, admission is 25 cents. Museum of Natural History, 8th Ave. and 79th St., is open to the public free of charge; on Wed., Thurs., Fri., and Sat., from 9 A. M. to 5 P. M., Sunday from 1 to 4 P. M., also on holidays and Tues. and Sat. evenings; admission on Mon. and Tues. is by membership ticket, or payment of 35 cents. Aquarium, Castle Garden, Battery. Zoological Gardens, Central Park, entrance 5th Ave. and 64th St., and Bronx Park, 182d St. and Southern Boulevard.

GROUNDING FOR OUTDOOR SPORTS.—Berkeley Oval, Morris Heights Manhattan Field, 8th Ave. and 155th and 156th Sts.; Polo Grounds, 8th Ave. and 157th and 158th Sts.; New York Athletic on Travers Island, take New Haven R. R. to Pelham Manor Y. M. C. A. Athletic, 150th St. and Harlem River. In Brooklyn Boroughs—Baseball Grounds 34 St., between 3d and 4th Aves., reached by cars from Fulton Ferry or Bridge depot; Brooklyn Driving Club, Boulevard and King's High way, Crescent Athletic, take Fort Hamilton cars; Parade Grounds, Prospect Park New Jersey Athletic by Central R. R. of N. J. to Ave. A., Bayonne City. St. George's Cricket, Hoboken. Staten Island Athletic and Cricket, take Staten Island Ferry and railroad to Livingston, S. I.

## Asylums and Homes in Manhattan and Bronx Boroughs.

- Association for Improved Instruction of Deaf Mutes, 912 Lexington Ave. Emil Calman, Prest.
- Association for Relief of Respectable Aged Indigent Females, Amsterdam Ave., cor. W. 104th St. Mrs. S. E. Degroot, Matron.
- Asylum of the Sacred Heart of Jesus, 251 W. 14th St.
- Babies' Shelter, Church Holy Communion, Reception House, 49 W. 20th St. N. O. Halstead, Supt.
- Baby Fold, Office, 105 E. 22d St. Mrs. L. S. Cambridge, Supt.
- Baptist Home for Aged, E. 68th St. and Park Ave. Mrs. E. C. Pierson, Matron.
- Baptist Ministers, 2020 Vyse Av. M. H. Pogson, Supt.
- Berachah Home for Rest and Healing, 250 W. 44th St.; House Reception, 690 8th Ave. Mrs. O. S. Schultz, Supt.
- Bloomington Insane Asylum, White Plains, N. Y.
- Brace Memorial Lodging House, 9 Duane St. Rudolph Heig, Supt.
- Chapu Home for the Aged and Infirm, 151 E. 66th St. Mrs. R. A. Macdonald, Matron.
- Charity Organization Society, 105 E. 22d St.
- Chebra Hachnosath Orchim, 210 Madison St.
- Children's Aid Society, Executive Office, 105 E. 22d St.
- Children's Fold, W. 155th St., near St. Nicholas Ave. Miss O. P. Cleveland, Matron.
- Christian Alliance Home, 250 W. 44th St. Mrs. E. J. McDonald.
- Christian Home for Intemperate Men, 1175 Madison Ave. Geo. S. Avery, Manager.
- Christian League Industrial Home, 5 E. 12th St. Mrs. E. Pettis, Supt.
- Christian Workers, 129 E. 10th St. Mrs. M. E. Marvin, Matron.
- Colored Home and Hospital, 1st Ave., cor. 65th St. Miss E. R. Warnock, Matron.
- Colored Orphan Asylum, Boulevard, near W. 142d St. M. K. Sherwin, Supt.
- Convalescents' Home, 422 E. 113th St. Miss Pilgrim, Matron.
- Cooperative Home for Self-Supporting Girls, 248 W. 14th St. Mrs. S. G. Hull, Matron.
- Deaf and Dumb Institution, 11th Ave. and 162d St.
- Dominican Convent Our Lady of Rosary, 229 E. 63d St.
- Door of Hope, 102 E. 61st St. Miss A. J. Anderson, Matron.
- Edgewater Creche, 105 E. 22d St.
- Elizabeth Home for Girls, 307 E. 12th St. Mrs. E. S. Hurley, Matron.
- Eva Home, 153 E. 62d St. Mrs. E. N. Delaie, Matron.
- Five Points House of Industry, 155 Worth St. Win. F. Barnard, Supt.
- Five Points Mission, 63 Park St. A. K. Sanford, Supt.
- Foundling Asylum, 175 E. 68th St., near 3d Ave.
- Florence Night Mission, 21 Bleeker St.
- Free Home for Destitute Young Girls, 23 E. 11th St. Miss S. E. Smythe, Supt.
- French Evangelical Home for Young Women, 341 W. 30th St. Miss Elsie Bollett, Matron.
- German Lutheran Emigrant Home, 26 State St.
- German Odd Fellows' Home, Office, 69 St. Mark's Pl. B. Ludwig, Supt.
- Hebrew Benevolent and Orphan Asylum, Amsterdam Ave., near 136th St. Office, 22 Bible House.
- Hebrew Infant Asylum, 490 Mott Ave. M. L. Newman, Supt.
- Hebrew Sheltering Guardian Orphan Asylum, Boulevard and W. 150th St. L. Fauerbach, Supt.
- Hiram Deats Memorial Home for Children, 54 S. Washington Sq. Miss H. K. James, Matron.
- Home and Training School for Children, 419 W. 19th St.
- Home for Aged and Infirm Hebrews, 105th St., near Columbus Ave. Moritz Helm, Supt.
- Home for Friendless, for Females and Children, 30 E. 30th St. Mrs. A. A. Rudgers, Matron.
- Home for Incurables, 3d Ave., cor. F. 182d St. I. C. Jones, Supt.
- Home Hotel Association, 146 St. Ann's Ave.
- Home for Protestant Immigrant Girls, 27 State St. Miss Alma Matthews.
- Home for Old Men and Aged Couples, Amsterdam Ave., cor. W. 112th St. Mrs. M. J. Harwood, Matron.
- Home for Relief of Destitute Blind, Amsterdam Ave., cor. W. 104th St. Miss Mary J. Handley.
- Home for the Aged, 213 E. 70th St. and 106th St., near Columbus Ave.
- Home for the Aged of the Church of the Holy Communion, 41 W. 20th St.
- Home for Young Women, 49 W. 9th St. Miss E. G. Cunningham, Supt. Branch at 308 2d Ave.
- Hopper, Isaac T., Home, 110 2d Ave. Miss Price, Matron.
- House of Mercy (Protestant Episcopal), W. 213th St., Inwood, New York City.
- House of Refuge, Randall's Island, boat ft. E. 120th St. M. Carpenter, Supt.
- House of the Good Shepherd, foot of E. 90th St.
- House of the Holy Comforter for Incurables, 149 2d Ave. S. W. Dexter, Secretary.
- House of the Holy Family, 136 2d Ave.
- Howard Mission and Home for Little Wanderers, 225 E. 11th St. Miss S. Olliffe, Matron.
- Industrial Christian Alliance, 170 Bleeker St.
- Infant Asylum, Amsterdam Ave., cor. 61st St.
- Insane Asylum, Ward's Isl., Office, 1 Madison Av.
- Isabella Heimath, Amsterdam Ave. and W. 190th St. J. W. Meyer, Supt.
- Jeanne d'Arc Home, 251 W. 24th St.
- Jennie Clarkson Home, cor. 2d Ave. and 10th St.
- Juvenile Asyl., 176th St. & Amsterdam Ave., Reception Room, 106 W. 27th St. C. Blauvelt, Supt.
- Leake and Watts' Orphan House, Hawthorne Ave., near City Line. G. R. Brown, Supt.
- Leo Home for German Catholic Immigrants, 6 State St.
- Lutheran Pilgrim House, 63 State St. S. Keyl, Supt.
- McAuley's Water St. Mission, 216 Water St. S. H. Hadley, Supt.
- Margaret Louise Home, 14 E. 16th St. Miss Cattell, Supt.
- Medical Missionary Home, 121 E. 45th St.
- Messiah Home for Children, 490 Mott Ave.
- Methodist Episcopal Home, Amsterdam Ave., cor. 92d St. Miss H. E. Myers, Matron.
- Mission of Our Lady of the Rosary for the Protection of Young Immigrant Girls, 7 State St.
- Mission of the Immaculate Virgin, 2 Lafayette Pl.
- Montefiore Home for Chronic Invalids, Boulevard and W. 138th St. A. Hausmann, Supt.
- Mothers' Home, 531 E. 86th St.
- National Home for Disabled Volunteer Soldiers, 41 Park Row.
- Newsboys' Lodging House, 9 Duane St.
- New York—Asylums and Homes bearing prefix "New York" will be found in this list minus the prefix.
- New York City Lunatic Asylum, Blackwell's Island. Office, 1 Madison Ave.
- Night Refuge for Homeless Women, 144 W. 15th St.
- Orphan Asyl. of St. Vincent de Paul, 211 W. 39th St.
- Orphan Asylum, Riverside Ave., cor. W. 73d St.
- Orphanage, Church of the Holy Trinity, 400 E. 50th St.
- Orphan Home and Asylum of Protestant Episcopal Church, 49th St., near Lexington Ave.
- Peabody Home for Aged Women, 2064 Boston Road
- Presbyterian Home for Aged Women, 73d St., near Madison Ave. Mrs. E. A. Reichel, Matron.
- Protestant Half-Orphan Asylum, 104th St. and Manhattan Ave. Miss Sarah DeYoc.
- Robertson, Gilbert A., Home, 45 Bible House.
- Roman Catholic Orphan Asylum for Girls, Madison Ave. & 61st St.; for Boys, 5th Ave., c. 51st St.
- Sailors' Home, 190 Cherry St. F. Alexander, Supt.
- Sailors' Snug Harbor, Staten Island, Office, 31 Nassau St.
- St. Ann's Home for Children, 90th St. and Ave. A.
- St. Barnabas' Home, 304 Mulberry St.
- St. Bartholomew's Girls' Home, 136 E. 47th St. Mrs. F. O. Jones, Supt.
- St. Benedict's Home for Destitute Colored Children, 2 Lafayette Pl.

ASYLUMS AND HOMES IN MANHATTAN AND BRONX BOROUGHS—Continued.

St. Clare House, 145 W. 14th St.  
 St. Helena's, 311 E. 14th St.  
 St. James' Home, 21 Oliver St.  
 St. John Baptist House, 233 E. 17th St.  
 St. John's Guild, 501 5th Ave., 155 W. 61st St.;  
 Floating Hospital, Office, 1 Madison Ave.  
 St. Joseph's Home for the Aged, 209 W. 14th St.  
 St. Joseph's Home, Destitute Children, 137 W. 31st.  
 St. Joseph's Industrial Home, 65 E. 81st St.  
 St. Joseph's Orphan Asylum, 89th St., cor. Ave. A.  
 St. Luke's Home for Indigent Christian Females,  
 89th St. and Madison Ave. Miss M. P. Darby, Sec.  
 St. Mary's Home for Protection and Comfort of  
 Young Women, 143 W. 14th St.  
 St. Philip's Parish Home, 119 Boston Ave.  
 St. Zita's Temporary Home for Friendless Women,  
 125 E. 52d St.  
 St. Saviour's Sanitarium, Inwood, New York City.  
 Samaritan Home for the Aged, 414 W. 22d St.  
 Scandinavian Immigrant Home, 24 Greenwich St.  
 Shelter for Respectable Girls, 21 W. 14th St.

Sheltering Arms, 504 W. 129th St. Miss Richmond,  
 Supt.  
 Sick Children's Mission, 287 E. Broadway  
 Sisterhood of the Good Shepherd, 419 W. 19th St.  
 Society for Prevention of Cruelty to Children, 297  
 4th Ave. E. T. Gerry, Prest.  
 Strachan, Margaret, Home, 103 W. 27th St.  
 Swick Home, 108 2d Ave. Mrs. M. Lemp, Matron  
 Temporary Home for Women, 219 2d Ave.  
 Trinity Chapel Home for Aged Women, 221 W. 24th  
 St.  
 Trinity Mission House, 311 Fulton St.  
 Webb's Academy and Home for Shipbuilders,  
 Sedgwick Ave., cor. Academy St. Stephen M.  
 Wright, Sec.  
 West-side Boys' Lodging House, 400 7th Ave.  
 Wetmore Home for Friendless Girls, 49 S. Wash-  
 ington Sq. Mrs. M. C. Lane, Matron.  
 Wilson Industrial School for Girls 125 St. Mark's Pl.  
 Woman's Shelter, 243 Bowery.  
 Young Women's Christian Association, 7 E. 15th St

Art Galleries in Manhattan Borough.

| NAME.                             | Location.          | Admission.                | NAME.                       | Location.                                  | Admission.                               |
|-----------------------------------|--------------------|---------------------------|-----------------------------|--|--|
| Avery, S. P., Jr.                 | 205 Fifth Avenue   | Free.                     | Keppel, Fr.                 | 20 East 16th Street                        | Free                                     |
| American Art Galleries            | 6 East 24d Street  | 25c.                      | Klaedner Art Gallery        | 7 West 28th Street                         | Free.                                    |
| American Water Color So-<br>ciety | 88 East 24d Street | 50c.                      | Knoedler & Co.              | 355 Fifth Avenue                           | Free.                                    |
| Blakeslee, Theron J.              | 375 Fifth Avenue   | Free.                     | Lenox Library               | 890 Fifth Avenue                           | Free.                                    |
| Boussod, Valadon & Co.            | 505 Fifth Avenue   | Free.                     | Metropolitan Museum of Art  | Fifth Avenue and 82d<br>St. (Central Park) | Mon. & Fri.<br>25c.; other<br>days free. |
| Braun, Clement & Co.              | 557 Fifth Avenue   | Free.                     | National Academy of Design  |  |  |
| Delmonico, L. Crist.              | 146 Fifth Avenue   |                           | Schaus, William             | 294 Fifth Avenue                           | Free.                                    |
| Durand-Ruel                       | 889 Fifth Avenue   | Free.                     | Society of American Artists | 215 West 57th Street                       | 25c.                                     |
| Fifth Avenue Art Galleries        | 365 Fifth Avenue   | Free.                     | Tooth, Arthur, & Sons       | 299 Fifth Avenue                           |  |
| Historical Society                | 170 Second Avenue  | Introduction<br>by Member |                             |  |  |

The private galleries of wealthy New York people are extensive, and the selections of paintings are of great merit and value. Among the most notable collections are those of the Axtors and Vanderbilts, H. O. Havemeyer, William Rockefeller, Henry G. Marquand, John A. Garland, S. P. Avery, M. C. D. Borden, George J. Gould, Isaac D. Fletcher, Col. O. H. Payne, Charles Stewart Smith. Admission to view these galleries may occasionally be obtained by applying by letter to the owners.

ART SCHOOLS.

The principal art schools are: The Art Students' League, 215 West Fifty-seventh Street; New York School of Applied Design for Women, 200 West Twenty-third Street; Art Schools of the Cooper Union, and Art Schools of the National Academy of Design. For particulars as to instruction, fees, and qualifications for admission application must be made to the officials in charge.

Army of the United States

STATIONED IN AND ABOUT THE CITY OF NEW YORK.

Major-General Commanding the Department of the East—Wesley Merritt.

PERSONAL STAFF.—Aide-de-Camp—First Lieut. T. Bentley Mott, 7th Artillery. (Personnel of staff may be changed.)

DEPARTMENT STAFF.

Adjutant-General.—Lieut. T. Bentley Mott (acting).  
 Judge-Advocate.—Lieut.-Col. John W. Clous.  
 Chief Quartermaster.—Col. James M. Moore.  
 Commissary of Subsistence.—Major C. A. Woodruff.  
 Chief Surgeon.—Col. Charles C. Byrne.  
 Attending Surgeon.—Major James P. Kimball.  
 Chief Paymaster.—Lieut.-Col. Chas. I. Wilson.  
 Signal Officer.—Capt. Samuel Reber.  
 Artillery Inspector and Ordnance Officer.—Major John P. Story, 7th Artillery.  
 Inspector-General.—Lieut.-Col. P. D. Vroom.  
 Assistant to Inspector-General.—Maj. J. M. K. Davis.  
 Engineer Officer.—Major John P. Story, 7th Artillery.

The headquarters of the department are at Governor's Island, New York Harbor. Army Building, 39 Whitehall Street, Manhattan Borough, New York.

FORTS.

| Name.                                    | Location.                 | Commanding Officers.       | Troops.                                  |
|--|---------------------------|----------------------------|--|
| Fort Columbus                            | Governor's Island         | Major B. K. Roberts        | One battery 5th Artillery.               |
| Fort Hamilton                            | Narrows, Long Island      | Col. John I. Rodgers       | Hdqrs. and four batteries 5th Artillery. |
| Fort Hancock                             | Sandy Hook, N. J.         | Major J. B. Burbank        | Three batteries 5th Artillery            |
| Fort Schuyler                            | Throgg's Neck, East River | Capt. W. R. Hamilton       | One battery 7th Artillery.               |
| Fort Wadsworth                           | Narrows, Staten Island    | Lt.-Col. Tully McCrean     | Three batteries 5th Artillery            |
| Fort Wood                                | Liberty Island            | Lieut. C. McArthur         | Recruits and casuals.                    |
| U. S. Proving Ground, Sandy Hook, N. J.  |                           | Major Frank Heath          | Detachment of Ordnance.                  |
| Ft. Slocum, David's I. Near New Rochelle |                           | Lieut.-Col. C. A. Woodruff | One battery 7th Artillery.               |
| Willetts Point                           | Near Whitestone           | Major J. G. D. Knight      | Battalion of Engineers.                  |
| Fort Totten                              | Near Whitestone           | Lieut. Henry D. Todd, Jr.  | One battery 7th Artillery.               |

## Banks in Manhattan and Bronx Boroughs.

THE Clearing-House is at 77 Cedar Street, Manhattan Borough. Wm. Sherer is manager, Wm. J. Gilpin, assistant manager. Sixty-five banks are associated for the purpose of exchanging the checks and bills they hold against each other. Other banks, not members of the association, clear through members. The representatives of the members appear at the Clearing-House at 10 o'clock A. M. every business day, with the checks and bills to be exchanged. The resulting balances are ascertained in about an hour, and before half-past one o'clock those indebted pay their balances, and after that hour the other banks receive the amounts due them. The Clearing-House has been in operation since 1853.

Following are extracts from the Manager's annual report for year ending September 30, 1899: The Clearing-House transactions for the year have been as follows: Exchanges, \$57,368,230,771.33; balances, \$3,085,971,370.53; total transactions, \$60,454,202,141.86. The average daily transactions: Exchanges, \$189,961,029.04; balances, \$10,218,448.24; total, \$200,179,477.28. Total transactions since organization of Clearing-House (46 years): Exchanges, \$1,231,423,418,499.23; balances, \$58,640,845,106.12; total, \$1,290,068,763,605.35.

Banks are open from 10 A. M. to 3 P. M., and on Saturdays from 10 A. M. to 12 noon. Commercial paper, except sight or demand bills, falling due on Saturday, is payable on the following business day.

### NATIONAL BANKS.

| NAME.                  | Location.           | Capital.    | President.           | Cashier.            | Discount Days. |
|------------------------|---------------------|-------------|----------------------|---------------------|----------------|
| American Exchange      | 115 Broadway...     | \$5,000,000 | Dumont Clarke....    | Edward Burns....    | Tues. and Fri. |
| Astor                  | 18 W. 34th St.      | 350,000     | Geo. F. Baker.....   | Geo. W. Pancoast..  | .....          |
| Bank of Commerce       | Nassau, c. Cedar    | 5,000,000   | J. P. Morgan, V.-P.  | W. C. Duvall.....   | Tues. and Fri. |
| Bank of New York       | 48 Wall St.         | 2,000,000   | Ebenezer S. Mason.   | Charles Olney.....  | Daily.         |
| Bank of N. America     | 25 Nassau St.       | 1,000,000   | Warner Van Norden    | Henry Chapin, Jr.   | Daily.         |
| Bank of the Rep'lic    | 2 Wall St.          | 1,500,000   | Oliver S. Carter.... | Charles H. Stout..  | Wednesday.     |
| Bank of State of N. Y. | 33 William St.      | 1,200,000   | Richard L. Edwards   | Beverly C. Duer..   | Daily.         |
| Broadway               | 237 Broadway...     | 1,000,000   | Francis A. Palmer.   | Chas. J. Day.....   | Wednesday.     |
| Butchers & Drovers'    | 124 Bowery          | 300,000     | G. G. Brinckerhoff.  | William H. Chase.   | Wed. and Sat.  |
| Central                | 320 Broadway...     | 1,000,000   | Edwin Langdon....    | C. S. Young.....    | Tues. and Fri. |
| Chase                  | 83 Cedar St.        | 1,000,000   | H. W. Cannon.....    | J. T. Mills, Jr.... | Daily.         |
| Chatham                | 192 Broadway...     | 450,000     | George M. Hard....   | H. P. Doremus....   | Daily.         |
| Chemical               | 270 Broadway...     | 300,000     | Geo. G. Williams..   | Francis Halpin...   | Daily.         |
| Citizens'              | 401 Broadway...     | 600,000     | Ewald Flettman....   | David C. Tiebout..  | Tues. and Fri. |
| City                   | 52 Wall St.         | 1,000,000   | James Stillman....   | G. S. Whitson....   | Tuesday.       |
| Continental            | 7 Nassau St.        | 1,000,000   | Benj. Perkins.....   | Alfred H. Timpson   | Tues. and Fri. |
| Domestic Exchange      | § See note at foot. | 300,000     | Robert D. Kent....   | Chas. H. Spencer..  | Daily.         |
| East River             | 682 Broadway...     | 250,000     | Raymond Jenkins..    | Zenas E. Newell..   | Wed. and Sat.  |
| Fifth National         | 3d Ave. & 23d St.   | 200,000     | S. Kelly.....        | Andrew Thompson     | Friday.        |
| First National         | 2 Wall St.          | 500,000     | George F. Baker....  | William B. Reed..   | Daily.         |
| Fourth National        | 14 Nassau St.       | 3,000,000   | J. Edwd. Simmons.    | C. H. Patterson..   | Tues. & Thur.  |
| Gallatin               | 36 Wall St.         | 1,000,000   | Fred. D. Tappen...   | Samuel Woolverton   | Wednesday.     |
| Garfield               | 23d St. & 6th Av.   | 200,000     | W. H. Gelsheisen.    | R. W. Poor.....     | Wednesday.     |
| Hanover                | 11 Nassau St.       | 1,000,000   | Jas. T. Woodward..   | William Halls, Jr.  | Tues. and Fri. |
| Hide and Leather       | John & William      | 500,000     | D. S. Ramsay.....    | Clarence Foote...   | Daily.         |
| Imp'ts & Traders'      | 247 Broadway...     | 1,500,000   | E. H. Perkins, Jr..  | Edward Townsend     | Tues. and Fri. |
| Irving                 | 287 Greenwich St    | 500,000     | Charles H. Fancher   | James Dennison..    | Tues. and Fri. |
| Leather Manuf'rs'      | 29 Wall St.         | 600,000     | N. F. Palmer.....    | G. W. McGarran..    | Tuesday.       |
| Liberty                | Liberty & West.     | 500,000     | Henry C. Tinker...   | Henry P. Davison..  | Daily.         |
| Lincoln                | 32 East 42d St.     | 300,000     | Thomas L. James..    | William T. Cornell. | Wednesday.     |
| Market and Fulton      | 81 Fulton St.       | 900,000     | A. Gilbert.....      | T. J. Stevens.....  | Tuesday.       |
| Mechanics'             | 33 Wall St.         | 2,000,000   | Horace E. Garth...   | G. W. Garth.....    | Daily.         |
| Mercantile             | 191 Broadway...     | 1,000,000   | Fred'k B. Schenck.   | James V. Lott....   | Tues. and Fri. |
| Merchants'             | 42 Wall St.         | 2,000,000   | R. M. Galloway...    | Jos. W. Harriman.   | Thursday.      |
| Merchants' Exch.       | 257 Broadway...     | 600,000     | P. C. Lounsbury...   | Allen S. Appar...   | Daily.         |
| National Park          | 214 Broadway...     | 2,000,000   | Edward E. Poor....   | George S. Hickok..  | Tues. and Fri. |
| National Union         | 32 Nassau St.       | 1,200,000   | Joseph C. Hendrix.   | E. O. Leech.....    | Daily.         |
| New York County        | 8th Av., cor. 14th  | 200,000     | Francis L. Leland..  | F. M. Breese.....   | Tues. and Fri. |
| N. Y. National Exch.   | 90 West B'way       | 300,000     | James Rowland...     | L. E. Pierson.....  | Tues. and Fri. |
| Ninth National         | 407 Broadway...     | 750,000     | John K. Cilley....   | Hiram H. Nazro...   | Tues. and Fri. |
| Phenix                 | 49 Wall St.         | 1,000,000   | Duncan D. Parmly.    | Alfred M. Bull....  | Tuesday.       |
| Seaboard               | 18 Broadway...      | 500,000     | Samuel G. Bayne..    | J. F. Thompson...   | Daily.         |
| Second National        | 5th Av., cor. 23d.  | 300,000     | James Stillman...    | Joseph S. Case...   | Thursday.      |
| Seventh National       | 182 Broadway...     | 300,000     | Wm. H. Kimball...    | George W. Adams.    | Tues. and Fri. |
| Shoe and Leather       | 271 Broadway...     | 1,000,000   | John M. Crane.....   | John L. Cole.....   | Wednesday.     |
| Western                | Pine, cor. Nassau   | 2,100,000   | V. P. Snyder.....    | H. A. Smith.....    | Wednesday.     |

### STATE BANKS.

|                       |                     |             |                    |                     |                |
|-----------------------|---------------------|-------------|--------------------|---------------------|----------------|
| Astor Place*          | 23 Astor Place      | ...         | Alfred C. Barnes.. | Henry A. Patten...  | .....          |
| Bank of America       | 44 Wall St.         | \$1,500,000 | William H. Perkins | W. M. Bennet....    | Tues. and Fri. |
| B'k of N. Amst'dam    | B'way, cor. 39th.   | 250,000     | Frank Tilford....  | G. J. Baumann...    | Tuesday.       |
| Bank of Metropolis.   | 29 Union Square.    | 300,000     | Theodore Rogers..  | E. C. Evans.....    | Thursday.      |
| Bowery                | 62 Bowery           | 250,000     | John S. Foster.... | Charles Essig....   | Daily.         |
| Bronx Bor'gh Bank     | 731 Tremont Av.     | 50,000      | Wm. H. Birchall..  | Morris M. Corwin.   | Thursday.      |
| Colonial†             | 480 Columbus Av     | 100,000     | Alexander Walker.  | Wm. C. Duncan..     | Daily.         |
| Columbia              | 5th Av., cor. 42d.  | 300,000     | Joseph Fox.....    | W. S. Griffith....  | Wednesday.     |
| Corn Exchange†        | Will'm & Beaver     | 1,400,000   | William A. Nash... | W. E. Williams, Ast | Daily.         |
| Eleventh Ward         | Ave. D, c. 10th St. | 100,000     | Henry Steers.....  | Charles E. Brown.   | Tues. and Fri. |
| 5th Av. Bank of N. Y. | 530 Fifth Ave. ...  | 100,000     | A. S. Frissell.... | Frank Dean.....     | Friday.        |
| Fourteenth Street     | 3 East 14th St.     | 100,000     | George F. Vail.... | Irving C. Gaylord.  | Daily.         |
| Gansevoort            | 14th, cor. Hudson   | 200,000     | C. E. Bigelow....  | F. J. Van Order..   | Tues. and Fri. |

\* Branch of the Corn Exchange Bank. † Branches at Columbus Avenue and 66th and 104th Streets. ‡ Branches, Broadway and Spring Street, 23 Astor Place, Columbus Avenue and 72d Street, and Queens County Bank. § Location not yet selected. † Capital may be increased Jan. 1, 1900.

STATE BANKS—MANHATTAN AND BRONX BOROUGHS—Continued.

| NAME.               | Location.           | Capital.  | President.         | Cashier.            | Discount Days. |
|---------------------|---------------------|-----------|--------------------|---------------------|----------------|
| German-American     | 23 Broad St.        | \$750,000 | Casimir Tag        | J. F. Frederichs    | Mon. & Thurs.  |
| German Exchange     | 330 Bowery          | 200,000   | Michael J. Adrian  | Charles L. Adrian   | Tues. and Fri. |
| Germania            | 190 Bowery          | 200,000   | Edward C. Schaefer | J. A. Morschhausler | Tues. and Fri. |
| Greenwich           | 402 Hudson St.      | 200,000   | John S. McLean     | William A. Hawes    | Tues. and Fri. |
| Hamilton*           | 215 W. 125th St.    | 200,000   | Edwin S. Schenck   | Jesse C. Joy        | Daily.         |
| Home                | 303 W. 42d St.      | 100,000   | George E. Ketcham  | J. P. Dunning       | Thursday.      |
| Hudson River†       | 260 Columbus Av     |           | Fred. B. Elliott   | Peter Snyder        |                |
| Manhattan Compa'y   | 40 Wall St.         | 2,050,000 | Stephen Baker      | D. H. Pierson       | Mon. & Thurs.  |
| Mechanics & Traders | 486 Broadway        | 400,000   | Leo Schlesinger    | A. M. Dederer       | Tues. and Fri. |
| Mount Morris        | 85 E. 125th St.     | 250,000   | Thomas L. Watt     | F. W. Livermore     | Daily.         |
| Mutual              | B'way, c. 33d St.   | 200,000   | James McClenahan   | Walter Westervelt   | Daily.         |
| Nassau              | 9 Beekman St.       | 500,000   | F. H. Richardson   | Wm. H. Rogers       | Wed. and Sat.  |
| N. Y. Produce Exch. | Prod. Exch. Bldg    | 1,000,000 | Forrest H. Parker  | Wm. A. Sherman      | Tues. and Fri. |
| Nineteenth Ward     | 3d Ave. & 57th St.  | 100,000   | Joseph J. Kittel   | Louis H. Holloway   | Tues. and Fri. |
| Oriental            | 122 Bowery          | 300,000   | Clinton W. Starkey | Nelson G. Ayres     | Wednesday.     |
| Pacific             | 470 Broadway        | 422,700   | Hardt B. Brundrett | Sam. C. Merwin      | Tues. and Fri. |
| People's            | 395 Canal St.       | 200,000   | Scott Foster       | William Milne       | Daily.         |
| Plaza               | 5th Av. c. W. 58th  | 100,000   | W. McM. Mills      | C. W. Parson        | Daily.         |
| Riverside           | 8th Ave. c. 57th St | 100,000   | H. C. Copeland     | H. H. Bizzallon     | Daily.         |
| State               | 378 Grand St.       | 100,000   | Oscar L. Richard   | J. H. Rosenbaum     | Friday.        |
| Twelfth Ward        | 125th, c. Lex' n Av | 200,000   | Isaac A. Hopper    | F. B. French        | Thursday.      |
| Twenty-third Ward   | 135th St. & 3d Av.  | 100,000   | Charles W. Bogart  | George E. Edwards   | Daily.         |
| Union Square        | 3 Union Sq., E.     | 200,000   | Frederick Wagner   | J. W. Scheu         | Tues. and Fri. |
| Wells, Fargo & Co's | 63 Broadway         | 500,000   | John J. Valentine  | H. B. Parsons       | None.          |
| West Side           | 485 Eighth Ave.     | 200,000   | C. F. Tietjen      | Theo. M. Bertime    | Mon. & Thurs.  |
| Yorkville           | 85th St., c. 3d Av. | 100,000   | R. Van Der Emde    | W. L. Frankenhach   | Tues. and Fri. |

\* Branch at 1707 Amsterdam Avenue. † Branch of the Corn Exchange Bank.

Banks for Savings

IN MANHATTAN AND BRONX BOROUGHS.

| NAME.               | Location.                 | President.         | No. of Depositors. | Deposits.   | Rate of Interest. | Surplus.  | Business Hours. [Unless otherwise stated banks close at 12 noon on Saturdays.]      |
|---------------------|---------------------------|--------------------|--------------------|-------------|-------------------|-----------|---|
| American            | 5th Av. & 42d St.         | Daniel T. Hoag     | 4,630              | \$1,118,000 | 3 1/2%            | \$50,400  | 9 A. M. to 4 P. M.; Monday, 6 to 8 P. M. also.                                      |
| Bank for Savings    | 4th Av., c. 22d St.       | Merritt Trimble    | 133,015            | 59,134,000  | 4                 | 3,959,230 | 10 A. M. to 3 P. M.; Monday, 10 A. M. to 6 P. M.                                    |
| Bowery              | 130 Bowery                | John D. Hicks      | 122,309            | 65,982,222  | 3 1/2%            | 5,720,634 | 10 A. M. to 3 P. M.   |
| Broadway            | 4 Park Place              | Francis A. Palmer  | 8,830              | 6,317,210   | 4                 | 518,477   | 10 A. M. to 3 P. M.   |
| Citizens'           | 58 Bowery                 | Henry Hasler       | 30,120             | 11,523,633  | 3 1/2%            | 1,600,918 | 10 A. M. to 3 P. M.   |
| Dollar              | Third Ave., cor. 14th St. | John Haßen         | 7,750              | 790,000     | 4                 | 4,000     | 10 A. M. to 3 P. M.; Mon. and Sat., 7 to 9 P. M. also.                              |
| Dry Dock            | 341 Bowery                | Andrew Mills       | 57,168             | 21,769,988  | 3 1/2%            | 2,253,697 | 10 A. M. to 3 P. M.   |
| East River          | 3 Chambers St.            | Wm. H. McMahon     | 19,409             | 15,224,239  | 4                 | 2,514,013 | 10 A. M. to 3 P. M.   |
| Emigrant Industrial | 51 Chambers St.           | James McMahon      | 87,576             | 55,637,210  | 3 1/2%            | 5,744,689 | 10 A. M. to 4 P. M.   |
| Empire City         | 231 W. 125th St.          | Isaac A. Hopper    | 8,000              | 1,250,000   | 3 1/2%            | 20,000    | 9 A. M. to 3 P. M.; Mon. and Sat., 7 to 9 P. M. also.                               |
| Excelsior†          | 23d St., c. 6th Av.       | George C. Waldo    | 8,072              | 2,280,438   | 3 1/2%            | 107,786   | 10 A. M. to 3 P. M.; Sat., 6 to 8 P. M. also, except in June, July, Aug., and Sept. |
| Franklin            | 8th Av., c. 42d St.       | Archibald Turner   | 28,153             | 8,230,675   | 3 1/2%            | 970,000   | 10 A. M. to 3 P. M.; Monday, 6 to 8 P. M. also.                                     |
| German              | 4th Ave., c. 14th St      | Philip Bissinger   | 101,640            | 46,437,470  | 3 1/2%            | 4,498,417 | 10 A. M. to 3 P. M.; Monday, 10 A. M. to 8 P. M.                                    |
| Greenwich           | 243 Sixth Ave.            | John H. Rhoades    | 74,085             | 37,144,000  | 3 1/2%            | 4,100,000 | 10 A. M. to 3 P. M.   |
| Harlem              | 2281 Third Ave.           | Charles B. Tooker  | 31,904             | 8,945,850   | 3                 | 635,000   | 10 A. M. to 3 P. M.; Monday, 6 to 8 P. M. also.                                     |
| Irving              | 115 Chambers St.          | Wm. H. B. Totten   | 16,000             | 9,850,000   | 4                 | 833,000   | 10 A. M. to 3 P. M.   |
| Manhattan           | 644 Broadway              | Joseph Bird        | 19,922             | 9,025,635   | 3 1/2%            | 1,005,239 | 10 A. M. to 4 P. M.   |
| Merchants' Clerks   | 20 Union Sq., E.          | F. M. Hurlbut      | 13,634             | 8,297,739   | 4 1/2%            | 757,901   | 10 A. M. to 3 P. M.   |
| Metropolitan        | 1 Third Ave.              | J. B. Currey       |                    | 8,065,751   | 4                 | 655,598   | 10 A. M. to 3 P. M.; Monday, 5 to 7 P. M. also.                                     |
| New York            | 5th Ave., c. 14th.        | Peter A. Welch     | 26,000             | 14,432,538  | 4                 | 2,179,877 | 10 A. M. to 3 P. M.; Monday, 5 to 7 P. M. also.                                     |
| North River         | 266 W. 34th St.           | Samuel D. Styles   | 13,000             | 4,498,349   | 3 1/2%            | 324,491   | 10 A. M. to 3 P. M.; Monday, 6 to 8 P. M. also.                                     |
| Seamen's            | 74 Wall St.               | William C. Sturges | 79,453             | 44,000,000  | 4                 | 4,936,000 | 10 A. M. to 2 P. M.   |
| Union Dime†         | B'way, c. 32d St.         | Chas. E. Sprague   | 66,948             | 16,411,391  | 3 1/2%            | 963,517   | 10 A. M. to 3 P. M.; Monday, 6 to 8 P. M. also.                                     |
| United States       | 633 Madison Ave.          | Const. A. Andrews  | 6,304              | 799,152     | 3 1/2%            | 14,599    | 10 A. M. to 4 P. M.; Mon. and Sat., 7 to 9 P. M. also.                              |
| West Side           | 56 Sixth Ave              | Stephen G. Cook    | 4,083              | 626,355     | 4                 | 28,550    | 9 A. M. to 3 P. M.; Mon. and Sat., 6 to 8 P. M. also.                               |

†Report of January 1, 1899. ‡Has allowed 4 per cent up to July 1, 1899, but rate may be lowered. §Subject to change.

## Safe Deposit Companies in Manhattan Borough.

American, 501 Fifth Avenue.  
Bankers', 4 Wall Street.  
Central Park, 919 Seventh Avenue, 175 West 58th Street.  
Colonial, 220 Broadway.  
Garfield, Sixth Avenue and 23d Street.  
Lincoln, 32 East 42d Street, 45 East 41st Street.  
Manhattan Warehouse, 42d Street and Lexington Avenue; Seventh Avenue and 52d Street.  
Mercantile, 122 Broadway.

Merchants', West Broadway and Beach Street.  
Metropolitan, 3 East 14th Street.  
Mount Morris, Park Avenue, corner 125th Street.  
National Safe Deposit, 32 Liberty Street.  
Produce Exchange, Broadway and Beaver Street.  
Safe Deposit Company of New York, 140 Broadway.  
State Safe Deposit Company, 35 William Street.  
Stock Exchange, 10 Broad Street.  
Tiffany & Co., 15 Union Square.

## Trust Companies in Manhattan Borough.

Am. Deposit and Loan Company, 120 Broadway.  
Atlantic Trust Company, 39 William Street.  
Central Realty Bond and Trust Company, 59 Liberty Street.  
Central Trust Company, 54 Wall Street.  
Century Trust Company, 4 Wall Street.  
City Trust Company, 35 Wall Street.  
Colonial Trust Company, 220 Broadway.  
Continental Trust Company, 30 Broad Street.  
Farmers' Loan and Trust Company, 20 and 22 William Street.  
Federal Trust Company, Broadway and Wall Street.  
Fifth Avenue Trust Company, 514 Fifth Avenue.  
Guaranty Trust Company, 65 Cedar Street.  
Holland Trust Company, 99 Cedar Street.  
Knickerbocker Trust Company, Fifth Avenue, corner 27th Street, and 66 Broadway.  
Manhattan Trust Company, 20 Wall Street.  
Mercantile Trust Company, 120 Broadway.  
Metropolitan Trust Company, 37 Wall Street.  
Morton Trust Company, 38 Nassau Street.

New York Life Insurance and Trust Company, 52 Wall Street.  
New York Security and Trust Company, 46 Wall Street.  
New York Warehouse and Security Company, 11 William Street.  
North American Trust Company, 100 Broadway.  
Produce Exchange Trust Company, 26 Broadway.  
Real Estate Trust Company, 30 Nassau Street.  
Southern Trust Company, 80 Broadway.  
Standard Finance and Trust Company, 40 Wall Street.  
State Trust Company, 100 Broadway.  
The Trust Company of America, 149 Broadway.  
Title Guaranty and Trust Company, 146 Broadway.  
Union Trust Company, 80 Broadway.  
United States Mortgage and Trust Company, 59 Cedar Street.  
United States Trust Company, 45 Wall Street.  
Washington Trust Company, 280 Broadway.

## Consuls in New York City (Manhattan Borough)

### REPRESENTING FOREIGN COUNTRIES.

Argentine Republic.—Carlos Rohl, C. G.; Felix L. de Castro, V. C., Produce Exchange, Room 124.  
Austria-Hungary.—Dr. Ferdinand Freyesleben, V. C., Acting Consul General, 33 Broadway.  
Belgium.—Pierre Mall, C., 83 Worth St.  
Bolivia.—Enrique Wulff, C. G., 15 Whitehall St.  
Brazil.—Antonio Fontoura Xavier, C. G.; F. G. Leas, V. C. and Chancellor, 17 State St.  
Chile.—Fred'k A. Beelen, C. G., 135 W. 11th St.  
China.—Chung Pao Hsi, C.; L. Wing, V. C., 26 W. 3th St.  
Colombia.—Eduardo Espinosa, C. G., 17 State St.  
Corea.—See "Korea."  
Costa Rica.—Dr. Juan J. Ulloa, C. J., 66 Beaver St.  
Denmark.—L. O. G. Amundsen, Acting Consul, 63 Wall St.  
Dominican Republic.—Emilo C. Joubert, 31 Broadway.  
Ecuador.—Fidel Garcia, C. G.; Rafael Zevallos, V. C.; Luis Calderon, Chancellor.  
Egypt.—See "Turkey."  
France.—E. Bruwaert, C. G.; G. Velten, C.; A. Jouve, V. C.; A. Ritt, Vice-Chancellor, 35 S. William St.  
German Empire.—Karl G. Buenz, C. G.; F. Ritschl, C.; J. F. Bertram, Dr. Kurtz Scholz, V. C., 11 Broadway.  
Great Britain.—Percy Sanderson, C. G.; C. C. Bayley, C., 17 State St.; C. A. S. Percival, V. C.; J. F. Smithers 2d V. C. Office for shipping seamen, 2 State St.  
Greece.—Demetrius N. Botassi, C. G., 35 S. William St.  
Guatemala.—Dr. Joaquin Yela, C. G.; Julius J. Yela, Chancellor, 4 Stone St.  
Hawaiian Republic.—Elisha H. Allen, C. G., 63 Wall St.  
Hayti.—J. Nicolas, C. G.; E. D. Basset, V. C., 35 S. William St.

Honduras.—N. Bolet Peraza, C. G., 40 Broadway.  
Hungary.—See "Austria."  
Italy.—G. Branchi, C. G.; Count F. Prat, V. C.; G. Tosti, 2d V. C., 17 State St.  
Japan.—S. Uchida, C., Bennett Building, cor. Nassau and Fulton Sts.  
Korea.—Everett Frazar, C. G., 65 Wall St.  
Liberia.—Frederick W. Yates, C., 141 Broadway; G. T. Geyer, V. C., 19 William St.  
Mexico.—Juan N. Navarro, C. G.; A. Leon Grajeda, Chancellor, 35 Broadway.  
Monaco.—Auguste Jouve, C., 35 S. William St.  
Netherlands.—John R. Plauten, C. G.; William M. B. Gravenhorst, C., 17 William St.  
Nicaragua.—A. D. Straus, C. G., 18 Broadway.  
Norway.—Christopher Ravn, C., 17 State St.  
Orange Free State.—Charles D. Pierce, C. G., 135 Liberty St.  
Paraguay.—Felix A. Jaigine, C. G., 187 Broadway; W. E. Richards, C., 309 Broadway.  
Persia.—H. Ruthven Pratt, C. G., 20 Broad St.  
Peru.—Federico Bergmann, C. G., 15-25 Whitehall St.  
Portugal.—Luiz A. de M. P. A. Taveira, C. G.; A. A. Ferreira, V. C., Produce Exchange Annex, B 15.  
Russia.—W. Teplow, C. G.; G. Petersen, V. C., 22 State St.  
San Salvador.—N. B. Peraza, C. G., 40 B'dway.  
Siam.—I. T. Smith, C. G., 1 East 39th St.  
Spain.—Jose de Navarro y Lopez de Ayala, C. G.; Mariano Fabregas Sotelo, V. C., 18 Broadway.  
Sweden.—Christopher Ravn, V. C., 17 State St.  
Switzerland.—J. Bertschmann, C., 18 Exchange Pl.  
Trinidad.—J. de la Boissiere, C. G., 125 W. 37th St.  
Turkey.—Munjidi Bey Fikri, C. G., 17 State St.  
Uruguay.—T. A. Eddy, C.; W. B. Flint, V. C.; W. H. Coombs, Chancellor, 30 Broad St.  
Venezuela.—Elias G. Esteves, C. G., 17 State St.



## Bridges in and About the City of New York.

### BROOKLYN BRIDGE.

Commissioner, John L. Shea, 13-21 Park Row, New York; Deputies, Henry Beam, Brooklyn, and Thomas H. York, New York. Chief Engineer and Superintendent, C. C. Martin.

The bridge connecting Manhattan Borough and Brooklyn Borough over the East River from Park Row, Manhattan Boro., to Sands and Washington Streets, Brooklyn Boro., was begun January 3, 1870, and opened to traffic May 24, 1883. Total cost of the bridge to December 1, 1897, about \$21,000,000.

The tolls are: For foot passengers, free; railway fare, 3 cents, or 2 tickets for 5 cents; one horse, 3 cents; one horse and vehicle, 5 cents; two horses and vehicle, 10 cents; each extra horse above two attached to vehicle, 3 cents; bicycles, free. On July 1, 1898, the bridge railway was leased to the elevated railroad companies (now operated by the Brooklyn Rapid Transit), paying therefor \$250 per day; trolley cars, 5 cents per round trip. About 120,000 surface cars cross the bridge each month. The carriageways are under control of the Bridge Commissioner, and about \$60,000 per annum is derived from this source.

The following are the statistics of the structure: Width of bridge, 85 feet. Length of river span, 1,595 feet 6 inches. Length of each land span, 930 feet. Length of Brooklyn approach, 971 feet. Length of New York approach, 1,562 feet 6 inches. Total length of carriageway, 5,989 feet. Total length of the bridge, with extensions, 6,537 feet.

Size of Manhattan Borough caisson, 172 x 102 feet. Size of Brooklyn Borough caisson, 168 x 102 feet. Timber and iron in caisson, 5,253 cubic yards. Concrete in well holes, chambers, etc., 5,669 cubic feet. Weight of Manhattan Borough caisson, about 7,000 tons. Weight of concrete filling, about 8,000 tons.

Manhattan Borough tower contains 46,945 cubic yards masonry. Brooklyn Borough tower contains 33,214 cubic yards masonry. Depth of tower foundation below high water, Brooklyn Borough, 45 feet. Depth of tower foundation below high water, Manhattan Borough, 75 feet. Size of towers at high water line, 140 x 59 feet. Size of towers at roof course, 136 x 53 feet. Total height of towers above high water, 278 feet.

Clear height of bridge in centre of river span above high water at 90° E., 135 feet. Height of floor at towers above high water, 119 feet 3 inches.

Grade of roadway, 334 feet in 100 feet. Height of towers above roadway, 159 feet. Size of anchorage at base, 129 x 119 feet. Size of anchorage at top, 117 x 104 feet. Height of anchorages, 89 feet front, 85 feet rear. Weight of each anchor plate, 23 tons.

Number of cables, 4. Diameter of each cable, 15 1/4 inches. Length of each single wire in cables, 3,578 feet 6 inches. Ultimate strength of each cable, 12,000 tons. Weight of wire, 12 feet per pound. Each cable contains 5,296 parallel (not twisted) galvanized steel, oil-coated wires, closely wrapped to a solid cylinder, 15 1/4 inches in diameter. Permanent weight suspended from cables, 14,680 tons.

### NEW YORK AND NEW JERSEY BRIDGE.

Andrew M. Green, Chairman; Charles M. Vail, Evan Thomas, R. Somers Hayes, Isidor Straus, Commissioners; Evan Thomas, Secretary; Charles H. Swan, Assistant Secretary. Commissioners' office, 214 Broadway, Manhattan Borough. The Commissioners of the New York and New Jersey Bridge and the Sinking Fund Commissioners of the City of New York selected a location midway between 59th and 60th Streets, Manhattan Borough. The maximum length of span is 2,710 feet. Guaranteed cost of the bridge is \$17,000,000. The law provides that the bridge must be completed within ten years. The Union Bridge Company has made a contract with the companies to construct the bridge within six years from the time it commences work, and gave a bond of \$1,000,000 for the faithful performance of the contract. It is intended to begin work of construction when the freight approaches to the bridge have been approved by the Sinking Fund Commissioners of New York City.

### NEW EAST RIVER BRIDGE.

President, Lewis Nixon; Vice-President, James W. Boyle; Secretary, James D. Bell; Treasurer, J. D. Fairchild. The offices of the Commission are at 49-51 Chambers Street, Manhattan Borough. Chief Engineer's office, 84 Broadway, Brooklyn Borough. The tower foundations for the bridge in the borough of Manhattan are at the foot of Delancey Slip, and in the borough of Brooklyn at a point between South Fifth and South Sixth Streets. The bridge will end at Norfolk Street in the borough of Manhattan, and just west of Hoisting Street in the borough of Brooklyn. The dimensions of the bridge are as follows: Main span, 1,600 ft.; entire bridge, between terminals, 7,900 ft.; width of bridge, 118 ft.; minimum height of bridge above mean high water, 135 ft.; height of centre of cables at top of towers above high water, 535 ft.; width of carriage ways, each 18 ft.; width of two foot-walks, each 12 ft.; width of four trolley-car tracks, centre to centre, 10 ft.; width of two elevated railroad tracks, centre to centre 19 ft. New York side—North caisson, 54.8 ft. below low water mark; south caisson, 70 ft. Brooklyn side—North caisson, 100 ft. below low water mark; south caisson, 75 ft. The tower foundations are 25 ft. above high water mark and the towers that are to be placed on top of them will be made of steel. The estimated cost is about \$12,000,000. The structure may be completed in about seven years.

### NEW EAST RIVER BRIDGES.

On December 1, 1899, Bridge Commissioner Shea sent a letter to Mayor Van Wyck and the Board of Estimate, asking for an appropriation of \$1,000,000 to begin the construction of the two projected bridges over the East River. Both these bridges will be of the cantilever construction. That which will extend from 60th Street, over Blackwell's Island, to Long Island City, will cost, according to estimates, \$12,548,500, and the other, which will have its Manhattan terminus at Pike Slip and its Brooklyn end at Washington Street, \$15,833,600.

### ACROSS THE HARLEM RIVER.

|                     |                                |                           |                           |
|---------------------|--------------------------------|---------------------------|---------------------------|
| Second Avenue....   | Suburban Transit R. R.         | Dyckman Street.....       | Foot Bridge.              |
| Third Avenue.....   | Public Bridge of steel.        | West 224th Street.....    | Farmer's Bridge.          |
| Park Av. & 133d St. | N. Y. C. & H. R. Railroad B.   | Spuytten Duyvil Creek..   | King's Bridge.            |
| Madison Avenue...   | Public Bridge to 138th Street. | Junction with Hudson      |                           |
| Macomb's Dam....    | Public Bridge.                 | River.....                | Ship Canal Bridge.        |
| West 173d Street... | High Bridge Aqueduct.          | Willis Ave. (building)... | 125th St. & First Ave. to |
| Eighth Avenue....   | N. Y. & Putnam R. R. Bridge.   |                           | 134th St. & Willis Ave.   |
| West 181st Street.  | Washington Bridge.             |                           |                           |

High Bridge, over which the Croton water of the old aqueduct passes, is 1,460 feet long, supported by 13 arches on granite piers, the highest arch being 116 feet above water level. Washington Bridge, at 10th Avenue and West 181st Street, is 2,400 feet long and 80 feet wide. The central arches are 510 feet each, and 135 feet above high water.

### Baths in Manhattan and Bronx Boroughs.

THE free public baths of the City of New York are located on the Hudson and East Rivers as follows:

*Hudson River.*

- Battery.
- Foot of Duane Street.
- " West Twentieth Street.
- " West Fifty-first Street.
- " West Eighty-second Street.
- " West One Hundred and Thirty-fourth Street.

*East River.*

- Foot of Market Street.
- " Corlears Street.
- " Fifth Street.
- " East Eighteenth Street.
- " East Twenty-fourth Street.
- " East Fifty-first Street.
- " East Ninety-first Street.
- " East One Hundred and Twelfth Street.
- " East One Hundred and Thirty-sixth Street.

Visitors to the public baths are required to furnish their own towels and bathing suits. These must be removed when the bathers leave the place. The days for bathing in the season (June 12 to September 17) are: For females, Mondays, Wednesdays, and Fridays; for men and boys, the other days of the week and half a day on Sunday. The hours for bathing are from 5 o'clock in the morning until 9 o'clock in the evening. In very warm weather the bath-houses are open all night. Policemen are in attendance to preserve order and enforce the rules.

The bath-houses will accommodate 400 persons at trips of twenty minutes each. Each bather is allowed twenty minutes in the water. In each bath-house are two tanks: for adults, 4 feet 6 inches of water; children, 2 feet 6 inches. Last year about 3,872,486 baths were taken in the public baths about one-quarter by women and girls.

### Hospitals in Manhattan and Bronx Boroughs.

- American Veterinary, 141 W. 54th St.
- Babies', 659 Lexington Ave.
- Bellevue, foot E. 26th St.
- Beth Israel, 206 E. Broadway.
- Colored Home and Hospital, 1st Ave., cor. 65th St.
- Columbus, 226 E. 20th St.
- Emergency for Women, 223 E. 26th St.
- Flower, Ave. A., cor. E. 63d St.
- Fordham Reception, 2456 Valentine Ave.
- French Benevolent Society, 320 W. 34th St.
- General Memorial, 2 W. 106th St.
- German, E. 77th St., cor. Park Ave.
- Gouverneur, Gouverneur Slip, cor. Front St.
- Hahnemann, Park Ave., near E. 67th St.
- Harlem Eye, Ear, and Throat Infirmary, 144 E. 127th St.
- Harlem, 533 E. 120th St.
- J. Hood Wright Memorial Hospital, 503 W. 131st St.
- Laura Franklin, Free Hospital for Children, 17 E. 111th St.
- Lebanon, Westchester Ave., near Cauldwell Ave.
- Loomis (for Consumptives), 104 W. 49th St.
- Manhattan Eye and Ear, 103 Park Ave.
- Maternity, E. 69th St., cor. 3d Ave.
- Maternity Hospital of the New York Mother's Home of the Sisters of Misericorde, 531 E. 86th St.
- Metropolitan Throat, 351 W. 34th St.
- Mothers and Babies', 596 Lexington Ave.
- Mt. Sinai, Lexington Ave., cor. E. 66th St.
- New Amsterdam Eye and Ear, 230 W. 38th St.
- New York, 7 W. 15th St.
- New York College of Veterinary Surgeons, 154 E. 57th St.
- New York Eye and Ear Infirmary, 218 2d Ave.
- New York Infirmary for Women and Children, 5 Livingston Place.
- New York Medical College and Hospital for Women, 213 W. 54th St.
- New York Ophthalmic and Aural Institute, 46 E. 12th St.
- New York Ophthalmic, 201 E. 23d St.
- New York Orthopedic, 126 E. 59th St.

- New York Polyclinic, 214 E. 34th St.
- New York Post-Graduate, 301 E. 20th St.
- New York Red Cross, 259 W. 93d St.
- New York Sanitarium, 247 W. 49th St.
- New York Skin and Cancer, 330 2d Ave.
- New York Society for the Relief of the Ruptured and Crippled, 135 E. 42d St.
- New York Throat and Nose, 244 E. 59th St.
- Nursery and Child's, 571 Lexington Ave.
- Old Marion St. Maternity, 139 2d Ave.
- Pasteur Institute, 313 W. 23d St.
- Presbyterian, 70th St., near Park Ave.
- Riverside, North Brother Island.
- Riverside (Reception), foot E. 16th St.
- Roosevelt, W. 59th St., near 9th Ave.
- St. Andrew's Convalescent Hospital for Women, 213 E. 17th St.
- St. Andrew's Infirmary for Women, 37 W. 126th St.
- St. Ann's Maternity, 130 E. 69th St.
- St. Elizabeth's, 225 W. 31st St.
- St. Francis', 609 Fifth St.
- St. John's Guild Floating Hospital for Children, office, 1 Madison Ave.
- St. Joseph's, E. 143d St., cor. Brook Ave.
- St. Joseph's Infirmary, E. 82d St., n. Madison Ave.
- St. Luke's, Amsterdam Ave., cor. W. 113th St.
- St. Mark's, 177 2d Ave.
- St. Mary's Free Hospital for Children, 407 W. 34th St.
- St. Vincent's, 153 W. 11th St.
- Sanitarium for Hebrew Children, 148 Wooster St.
- Seton (for Consumptives), Spuyten Duyvil.
- Skene Hospital for Self-supporting Women, 40 W. 47th St.
- Sloane Maternity, W. 59th St., c. Amsterdam Ave.
- Society of Lying-in Hospital, 7 Livingston Place
- 314 Broome St.
- Trinity Hospital, 50 Varick St.
- United States Marine (office, Battery).
- Willard Parker, foot E. 16th St.
- Woman's, E. 50th St., cor. Park Ave.
- Woman's Infirmary and Maternity Home, 247 W. 49th St.

### Width of Sidewalks in Manhattan Borough.

|  |        |
|--|--------|
| In streets 40 feet wide.....                 | 10 ft. |
| " " 50 " " .....                             | 13 "   |
| " " 60 " " .....                             | 15 "   |
| " " 70 " " .....                             | 18 "   |
| " " 80 " " .....                             | 19 "   |
| " " above 80, not exceeding 100 feet.20 "    |        |
| " all streets more than 100 feet.....        | 23 "   |
| " Lenox and 7th Aves., north of W.110th.35 " |        |
| " Grand Boulevard .....                      | 24 "   |
| " Manhattan St.....                          | 15 "   |
| " Lexington Ave.....                         | 18 "   |

|   |           |
|---|-----------|
| In Madison Ave.....   | 19 ft.    |
| " 5th Ave .....   | 30 "      |
| " St. Nicholas Ave.....   | 22 " 6in. |
| " Park Ave, from E. 49th to E. 56th St., and from E. 96th St. to Harlem River | 15 "      |
| " West End Ave .....  | 30 "      |
| " Central Park West, from W. 59th St. to W. 110th, east side.....             | 27 "      |
| " Central Park West, from W. 59th St. to W. 110th, west side.....             | 25 "      |

Churches in Manhattan and Bronx Boroughs.

WITH NAMES OF PASTORS.

BAPTIST.

Baptist Ministers' Conference meets every Monday at 11 A.M., at 182 5th Ave.

Abyssinian, 166 Waverley Pl. Robert D. Wynn. Alexander Ave., cor. E. 141st St. Adelbert Chapman.

Amity, W. 54th St., bet. 8th and 9th Aves. Leighton Williams.

Antioch, 136 W. 32d St. James W. Fisher. Ascension, 160th St., bet. Morris and 4th Aves. Beth Eden, Lorillard Pl., near E. 187th St. Frank Johnson.

Calvary, W. 57th St., bet. 6th and 7th Aves. R. S. MacArthur.

Central, W. 42d St., near 8th Ave. F. M. Goodchild.

Central Park, E. 83d St., bet. 2d and 3d Aves. H. M. Warren.

Church of the Epiphany, 64th St. and Madison Ave. Howard L. Jones.

Church of the Redeemer, W. 131st St., bet. Lenox and 7th Aves. J. C. St. John.

Day Star, 501 W. 157th St. J. W. Scott.

Eagle Ave., Eagle Ave., near 162d St. H. Marschner.

Ebenezer (Primitive), 154 W. 36th St.

Emanuel, 47 Suffolk St.

Emanuel (German), 1151 1st Ave. Karl Roth.

Fifth Ave., 6 W. 46th St.

First, W. 79th St., cor. Boulevard. I. M. Haldeman.

First German, 336 E. 14th St. G. A. Guenther.

First German, 220 E. 118th St. R. T. Wegener.

First Italian, cor. Oliver and Henry Sts. A. Dassori.

First Seventh Day, 52 E. 23d St. J. G. Burdick.

First Swedish, E. 55th St., bet. 3d and Lexington Aves. A. P. Ekman.

Hope, cor. 104th St. and Boulevard. R. Hartley.

Immanuel, Williamsbridge. C. Grennell.

Lexington Ave., E. 111th St., cor. Lexington Ave. J. L. Campbell.

Madison Ave., cor. Madison Ave. and E. 31st St. H. M. Sanders.

Mariner's Temple, 12 Oliver St. Henry Camp.

Memorial, Washington Sq. S., corner Thompson. Edward Judson.

Morningside, W. 116th St., near 8th Ave. D. A. MacMurray.

Morning Star Mission for Chinese, 17 Doyers St.

Mount Gilead, 104 E. 126th St. B. H. Walker.

Mount Morris, 5th Ave., near W. 126th St. W. C. Biting.

Mount Olivet, 161 W. 53d St. C. T. Walker.

North, 234 W. 11th St. C. E. Nash.

Pilgrim, Boston Road, near Vyse Ave. J. Hooper.

Riverside, 92d St., cor. Amsterdam Ave. R. E. Smith.

Second Ave., 164 2d Ave. J. A. Francis.

Second German, 407 W. 43d St. Gottlob Fetzner.

Sharon, 203 E. 97th St. G. W. Bailey.

Shiloh, N. W. cor. 129th St. and Park Ave.

Sixteenth St., 257 W. 16th St. A. W. H. Hodder.

Sixty-seventh St. (German), 223 W. 67th St.

Thessalonian, 3d Ave. and 175th St. J. I. Rivers.

Third German, 1127 Fulton Ave. R. Hoeflin.

Tremont, 1815 Washington Ave. A. E. Knapp.

Union, 223 West 67th St. G. H. Sims.

Washington Heights, 145th St. and Convent Ave. B. B. Bosworth.

West 33d St., 327 W. 33d St. E. S. Holloway.

Zion, 164 W. 26th St. W. L. Hubbard.

CONGREGATIONAL.

Bedford Park, Bainbridge Ave., cor. Suburban. Wayland Spaulding.

Bethany, 10th Ave., near 35th St. N. M. Pratt.

Broadway Tabernacle, Broadway and 34th St. Chas. E. Jefferson.

Camp Memorial, 141 Chrystie St. Henry G. Miller.

Christ, Gray, cor. Tooping St. Henry M. Brown.

Forest Ave., E. 166th St. and Forest Ave. Adam Reoch.

Hope, E. 135th St. and Trinity Ave. Wm. T. Stokes.

CONGREGATIONAL—Continued.

Manhattan, W. 83d St. and Boulevard. H. A. Stimson.

North New York, E. 143d St., near Willis Ave. Wm. H. Kephart.

Pilgrim, Madison Ave., cor. 121st St.

Sherman Square, Sherman Sq. William Lloyd.

Smyrna (Welsh), 206 E. 11th St. W. T. Williams.

Spanish Evangelical, Madison Ave., cor. 121st St. Jas. M. Lopez.

Trinity, Washington Ave., cor. E. 176th St.

DISCIPLES OF CHRIST.

Disciples of Christ, 323 W. 56th St. W. C. Payne.

Lenox Ave., 119th St., near Lenox Ave. J. M. Philpott.

Second, E. 169th St., near Franklin Ave. S. T. Willis.

EVANGELICAL.

Dingeldein Memorial (German), 429 E. 77th St. C. Philippbar.

First Church of the Evangelical Association, 214 W. 35th St. John Reuber.

German Evangelical of Yorkville, 339 E. 84th St. Henry Heitler.

Second Church of the Evangelical Association, 424 W. 55th St. D. Schuebel.

St. Paul's, 159 E. 112th St. C. Buckisch.

Swedish Bethesda, 240 E. 45th St. Karl Erixon.

FRIENDS.

East 15th St., cor. Rutherford Pl.

Twentieth St., 144 E. 20th St.

JEWISH.

Adas Israel, 350 E. 57th St. Moses Maisner.

Adereth El, 135 E. 29th St. L. A. Alexander.

Agudath Jesurim, 115 E. 86th St. A. Calman.

Ahawah B'nach, 71 Sherif St.

Ahawah Chesed, 652 Lexington Ave. David Davidson.

Anshe Sfard, 99 Attorney St.

Anshe Ames, 44 E. Broadway.

Atereth Israel, 323 E. 82d St. M. Krauskopf.

Ateris Zwie, E. 121st St., near 1st Ave. Leopold Levkowitz.

Beth-El, 76th St. and 5th Ave. Kaufmann Kohler.

Beth Hamedrash Hagodal, 54 Norfolk St. Jacob Joseph.

Beth Hamedrash Shaari Torah, 80 Forsyth St.

Beth Israel Bikur Cholim, 72d St. and Lexington Ave. F. Vidaver.

B'nai Israel, 225 E. 79th St. Isaac Noot.

B'nai Jeshurun, 65th St. and Madison Ave. Stephen S. Wise.

B'nai Peysser, 316 E. 4th St.

B'nai Shalom, 630 5th St. Daniel Loewenthal.

Brith Solam, 54 Pitt St. M. Wechsler.

Chaa'ri Zedek, 38 Henry St. Leopold Zinsler.

Chefra Kadisha Talmud Thora, 622 5th St. Julius Levy.

Darech Amuno, 278 Bleecker St. F. Light.

Emano Israel, 301 W. 39th St. A. Guranowsky.

First Galiz Ducker Mugan Abraham 87 Attorney St. Naftali Reiter.

First Roumanian Am. Congregation, 70 Hester St. Abram Zolish.

Kahal Adath Jeshurun, 14 Eldridge St.

Kehillath Jeshurun, 197 E. 82d St. Meyer J. Peikes.

Kol Israel Anshe Poland, 22 Forsyth St. J. Bloch.

Leah M. Shalom, 234 2d Ave.

Machzika Torah Anshar Sineer, 34 Montgomery St. Mate Lewi, 49 E. Broadway.

Meshkan Israel Anshe Suwalk, 56 Chrystie St.

Mount Zion, 113th St. and Madison Ave. H. Lustig.

Nachlass Zwec, 170 E. 114th St. Philip H. Diamenstein.

Ohav Zedek, 172 Norfolk St. Philip Klein.

Orach Chaim, 894 1st Ave. Abraham Neumark.

Rodopa Shalom, 63d St. and Lexington Ave. Rudolph Grossman.

Shaarai Berecho, 138 E. 50th St. Gabriel Hirsch.

Shaarai Popho, W. 82d St., near Amsterdam Ave. F. de Sola Mendes.

## CHURCHES IN MANHATTAN AND BRONX BOROUGH—Continued.

## JEWISH—Continued.

Shearith B'nai Israel, 638 6th St.  
 Shearith Israel, Central Park West, cor. 70th St.  
 H. P. Mendes.  
 Sons of Israel, 15 Pike St.  
 Talmud Torah, 38 Hester St. Hyman Weinstein.  
 Temple Emanu-El, 5th Ave. and 43d St. Joseph Silverman.  
 Temple Israel, 125th St. and 5th Ave. M. H. Harris.  
 Tifereth Israel, 126 Allen St. B. Silberman.  
 Zichron Ephraim, 67th St., near Lexington Ave. B. Drachman.

## LUTHERAN.

Advent, Boulevard, near 81st St. G. F. Krotel.  
 Atomement, Edgecombe Ave. and 140th St. F. H. Knubel.  
 Bethany, 14 Teasdale Pl. J. F. W. Kitzmeyer.  
 Christ, 406 E. 19th St. George U. Wenner.  
 Church of Our Saviour, 179th St. and Audubon Ave. W. H. Feldman.  
 Danish Lutheran, 72 E. 128th St. R. Anderson.  
 Emigrant House Chapel, 26 State St. H. J. Berke-meier.  
 Epiphany, 72 E. 128th St. J. W. Knapp.  
 Grace, 123 W. 71st St. J. A. Weyl.  
 Gustavus Adolphus, 151 E. 22d St. Mauritz Stolpe.  
 Harlem Swedish, 191 E. 121st St. N. E. Kron.  
 Immanuel, 215 E. 83d St. J. C. Renz.  
 Immanuel, 88th St., cor. Lex. Ave. E. Schoenfeld.  
 Our Saviour, 179th St. and Audubon Ave. W. H. Feldmann.  
 Redeemer, 127 W. 45th St. Wm. Dallmann.  
 St. James', Madison Ave., cor. E. 73d St. J. B. Remensnyder.  
 St. John's, 81 Christopher St. John J. Young.  
 St. John's, 217 E. 119th St. H. C. Steup.  
 St. John's, Fulton Ave. and 170th St. H. Beider-becke.  
 St. Luke's, 233 W. 42d St.  
 St. Luke's, Adams St. and Morris Park Ave., Van Nest. W. Eickmann.  
 St. Mark's, 323 6th St. G. C. F. Haas.  
 St. Matthew's, 354 Broome St. J. H. Sieker.  
 St. Matthew's, E. 156th St., near Courtlandt Ave. Paul Schneider.  
 St. Paul's, 313 W. 22d St. Leo Koenig.  
 St. Paul's, 149 W. 123d St. J. A. W. Haas.  
 St. Paul's, Westchester Ave. and 156th St. G. Tappert.  
 St. Peter's, Lexington Ave. and 46th St. E. F. Moldenke and A. B. Moldenke.  
 St. Peter's, Alexander Ave. and 41st St. H. A. T. Richter.  
 St. Stephen's Union Ave., near 165th St. H. Rippe.  
 Trinity, 139 Ave. B. Otto Graesser.  
 Trinity, W. 100th St., near 10th Ave. E. Brennecke.  
 Washington Heights, Amsterdam Ave. and 156th St. E. A. Tappert.  
 Zion, 339 E. 84th St. H. Hebler.

## METHODIST EPISCOPAL.

## Denominational Headquarters, 150 5th Ave.

Allen St. Memorial, 91 Rivington St. B. F. Saxten.  
 Battery Park, 27 State St. F. O. Logren.  
 Bedford St., 23 Morton St. Charles A. Holla.  
 Beekman Hill, 319 E. 50th St. D. W. Couch.  
 Blinn Memorial (German), 103d St. and Lexington Ave. Paul Quattlander.  
 Calvary, 129th St. and 7th Ave. W. P. Odell.  
 Centenary, Wash'n Av. & E. 166th St. A. Ostrander.  
 Century, Boston Rd., Williamsbridge. Angelo Ostrander.  
 Chelsea, 329 W. 30th St. E. Hunt.  
 Church of the People, 63 Park St. A. K. Sanford.  
 Church of the Saviour 109th St. and Madison Ave. F. Hernance.  
 Cornell Memorial, E. 76th St., near 2d Ave. C. P. Linker.  
 Duane, 294 Hudson St. F. H. Carpenter.  
 Eighteenth St., 307 W. 18th St. W. McK. Darwood.  
 Eleventh St. Chapel, 545 E. 11th St. E. L. Fox.  
 Fifty sixth St., 440 W. 56th St. W. F. Ottarson.

## METHODIST EPISCOPAL—Continued.

First German, 252 2d St. H. Muller.  
 Five Points Mission, 156 Worth St.  
 Fordham, 2700 Marion Ave.  
 Forsyth St., 10 Forsyth St. F. J. Shackleton.  
 Forty-fourth St., 461 W. 44th St. W. E. Clarke.  
 German, Elton Ave., cor. E. 158th St. H. Kasten-deick.  
 German, 350 W. 40th St. F. H. Rey.  
 Grace, 131 W. 104th St. Philip M. Watters.  
 Hedding, 337 E. 17th St. J. H. Fairchild.  
 Hope of Israel Mission, 209 Madison St. A. C. Gaebelein.  
 Jane St., 13 Jane St. T. S. Bond.  
 John St., 44 John St. W. C. Blake.  
 Madison Av., Madison Av., cor. 60th St. A. Longacre.  
 Metropolitan Temple, 58 7th Ave. S. P. Cadman.  
 Morris Heights, Morris Heights Station. G. H. Gregory.  
 Mott Ave., Mott Ave., cor. E. 150th St. J. S. Stone.  
 North New York, Willis Ave., cor. E. 41st St. W. H. Barton.  
 Olin, White Plains Road, Williamsbridge. T. L. Poulson.  
 Park Ave., Park Ave., cor. 86th St. E. S. Osbon.  
 Perry St., 132 Perry St. J. C. Coddington.  
 Rose Hill, 221 E. 27th St. H. C. Weston.  
 St. Andrew's, 126 W. 76th St. J. O. Wilson.  
 St. James', Madison Ave. & 126th St. E. S. Tipple.  
 St. Mark's, W. 53d St. & 8th Ave. W. H. Brooks.  
 St. Paul's, 56th St. and West End Ave. Geo. P. Eckman.  
 St. Paul's (German), 308 E. 55th St. L. Walton.  
 St. Stephen's, Kingsbridge Road and Terrace View. B. H. Burch.  
 Second St., 276 2d St. A. C. Morehouse.  
 Seventh St., 24 7th St. F. H. Smith.  
 Sixty first St., 229 E. 61st St. E. A. Dent.  
 Swedish, Lexington Ave., cor. E. 62d St. O. Swanson.  
 Thirty-fifth St., 460 W. 35th St. J. H. Phillips.  
 Thirty-seventh St., 237 E. 37th St. E. C. Hoag.  
 Tremont, Washington Ave., cor. E. 176th St. J. W. Campbell.  
 Trinity, 323 E. 118th St. James Montgomery.  
 Trinity, Main St., City Island. W. A. Richard.  
 Twenty-fourth St., 359 W. 24th St. Edwin Hunt.  
 Union, 48th St., near Broadway. B. C. Warren.  
 Wakefield, White Plains Road. J. J. Moffett.  
 Washington Heights, Amsterdam Ave., cor. 153d St. A. E. Barnett.  
 Washington Sq., 133 W. 4th St. W. F. Anderson.  
 Westchester, West Farms Road. W. H. F. Fleming.  
 West Farms, 1264 Tremont Ave. F. L. Strickland.  
 Willet St., 9 Willet St. I. A. Marsland.  
 Woodlawn, Woodlawn. N. B. Thompson.  
 Woodstock, E. 161st St., near Prospect Ave. N. Hubbell.

## METHODIST EPISCOPAL (AFRICAN).

Bethel, 239 W. 25th St. John M. Henderson.  
 Little Zion, 236 E. 117th St.  
 Union American, 230 E. 85th St. G. W. Long.  
 Zion, 351 Bleeker St. M. R. Franklin.

## PRESBYTERIAN.

Denominational Headquarters, 156 5th Ave.  
 Adams Memorial, 211 E. 30th St. Jesse F. Forbes.  
 Alexander Chapel, 7 King St. Hugh Pritchard.  
 Bethany, E. 137th St., n. Willis Ave. G. W. F. Birch.  
 Bohemian, 349 E. 74th St. Vincent Pisek.  
 Brick, 5th Ave., cor. 37th St. Maltbie D. Babcock.  
 Central, W. 57th St., bet. Broadway and 7th Ave.  
 Wilton Merle Smith.  
 Christ, 228 W. 35th St. R. R. Wightman.  
 Covenant, 310 E. 42d St. G. S. Webster.  
 East Harlem, 116th St., bet. 2d and 3d Aves.  
 Faith, 365 W. 48th St. J. H. Hoadley.  
 Fifth Ave., 5th Ave., cor. 55th St. George T. Purves.  
 First, 54 5th Ave. Howard Dunfield.  
 First, Tremont, Washington Ave., near E. 174th St. George Nixon.  
 First Union, 147 E. 86th St. M. S. Littlefield, Jr.  
 Fourth, West End Ave. and 91st St. J. Wilber Chapman.

## CHURCHES IN MANHATTAN AND BRONX BOROUGHS—Continued.

## PRESBYTERIAN—Continued.

Fourth Ave., 4th Ave. and 23d St. W. D. Buchanan.  
 Fourteenth St., 14th St., cor. 2d Ave. F. B. Richards.  
 French Evang., 126 W. 16th St. H. L. Grandienard.  
 Good Shepherd, 152 W. 66th St. D. E. Lorenz.  
 Harlem, 125th St., near Madison Ave. D. Russell,  
 Jr.  
 Knox, cor. 72d St. and 2d Ave. Wm. Hughes.  
 Lenox, 139th St., near 8th Ave. T. W. Smith.  
 Madison Ave., Madison Ave., cor. 53d St. H. A.  
 Johnston.  
 Madison Sq., 24th St. and Madison Ave. Charles H.  
 Parkhurst.  
 Mizpah Chapel, 420 W. 57th St. I. P. Withington.  
 Morningside, Morningside Ave. and W. 122d St.  
 J. C. A. Becker.  
 Morrisania First, Washington Ave. and 167th St.  
 S. L. Hillier.  
 Mount Labor, 176 E. 106th St. H. G. Miller.  
 Mount Washington, Inwood. George S. Payson.  
 New York, 7th Ave. and 128th St. D. J. McMillan.  
 North, cor. 9th Ave. and 31st St.  
 Park, 86th St. & Amsterdam Ave. A. P. Atterbury.  
 Phelps Mission, 314 E. 35th St.  
 Phillips, Madison Ave. and E. 73d St. John E.  
 Bushnell.  
 Riverdale, Riverdale. Ira S. Dodd.  
 Romeyn Chapel, 420 E. 14th St.  
 Rutgers Riverside, Boulevard and W. 73d St. S.  
 McComb.  
 St. James', 211 W. 32d St. P. B. Tompkins.  
 Scotch, 95th St. and Central Park W. D. G. Wylie.  
 Sea and Land, 61 Henry St. J. H. Denison.  
 Second German, 435 E. Houston St. Conrad Doench.  
 Seventh, cor. Broome & Ridge Sts. John T. Wilds.  
 Spring St., Spring St., near Varick St.  
 Thirteenth St., 145 W. 13th St.  
 Throgg's Neck, First, Ft. Schuyler Road. R. B.  
 Mattice.  
 University Pl., University Pl., cor. 10th St. George  
 Alexander.  
 Washington Heights, Amsterdam Ave. and 155th  
 St. John C. Bliss.  
 West, 42d St., bet. 5th and 6th Aves. A. H. Evans.  
 West End, 105th St. and Amsterdam Ave. J. B.  
 Shaw.  
 West Farms, 1243 Samuel St. Charles P. Mallory  
 West Fifty-first St., 359 W. 51st St. T. Douglass.  
 Westminster, 210-212 W. 23d St. Robert F. Sample.  
 Woodstock, E. 165th St. and Boston Ave. A. J. R.  
 Waite.  
 Zion (German), 135 E. 40th St., near Lexington Ave.  
 M. Mueller.

## PROTESTANT EPISCOPAL.

*Diocesan House, 29 Lafayette Place.*

Rt. Rev. Henry C. Potter, Bishop of New York,  
 29 Lafayette Place.  
 Cathedral of St. John the Divine, Columbus Ave.  
 and 110th St. C. C. Tiffany, G. F. Nelson, F. L.  
 Humphreys, R. L. Paddock.  
 All Angels', 81st St., cor. West End Ave. S. De-  
 lancy Townsend.  
 All Saints', 286 Henry St. W. N. Dunnell.  
 All Souls', Madison Ave. and 66th St. R. Heber  
 Newton.  
 Anglo-American Free Church of St. George the  
 Martyr, 222 W. 11th St.  
 Ascension, 36 5th Ave., cor. 10th St. Percy S. Grant.  
 Ascension Memorial, 330 W. 43d St. J. F. Stern.  
 Beloved Disciple, 89th St., near Madison Ave. H.  
 M. Barbour.  
 Calvary, 273 4th Ave., J. L. Parks; Chapel, 220 E.  
 23d St., S. H. Watkins; Galilee Mission, 346 E.  
 23d St.  
 Chapel of Christ the Consoler, foot E. 26th St. C.  
 S. Brown.  
 Chapel of St. Elizabeth of Hungary, 2 W. 106th St.  
 G. S. Pratt.  
 Chapel of the Comforter, 10 Horatio St. James  
 Sheerin.  
 Chapel of the Good Shepherd, Blackwell's Island.  
 I. W. Beard.  
 Christ, Boulevard and W. 71st St. J. S. Shipman.

## PROTESTANT EPISCOPAL—Continued.

Christ, Riverdale J. W. Hegeman.  
 Du St. Esprit, 30 W. 22d St. A. V. Wittmeyer.  
 Epiphany, 259 Lexington Ave. J. Hutcheson.  
 God's Providence Mission 330 Broome St. T. G.  
 Littell.  
 Grace, 800 Broadway. W. R. Huntington.  
 Grace, Main St., City Island. A. Forbes.  
 Grace, West Farms, Vyse Ave. near Tremou' Ave.  
 A. J. Derbyshire.  
 Grace Chapel, 414 E. 14th St. George H. Bottome.  
 Grace Emanuel, 212 E. 116th St. W. K. McGowan.  
 Heavenly Rest, 551 5th Ave. D. P. Morgan.  
 Holy Apostles, 300 9th Ave. B. E. Backus.  
 Holy Comforter, 343 W. Houston St. W. A. A.  
 Gardner.  
 Holy Communion, 324 6th Ave. H. Mottet.  
 Holy Cross, 43 Avenue C. J. G. Cameron.  
 Holy Faith, E. 166th St., n. Boston Ave. V. C. Smith.  
 Holyrood, Kingsbridge Road and 181st St.  
 Holy Sepulchre, E. 74th St., near Park Ave. T.  
 P. Hughes.  
 Holy Trinity, W. 122d St. and Lenox Ave. H. P.  
 Nichols.  
 Incarnation, 205 Madison Ave., cor. 35th St. W. M.  
 Grosvenor.  
 Intercession, 158th St. and 11th Ave. L. H. Schwab.  
 "Little Church Around the Corner" (Transfiguration),  
 5 E. 29th St. G. C. Houghton.  
 Mediator, 2937 Church St., Kingsbridge. John  
 Campbell.  
 Messiah, 95th St., near 3d Ave. G. M. Wilkins.  
 Mission of P. E. Church, for Seamen, 21 Coenties  
 Slip. Isaac Maguire.  
 Our Saviour, foot Pike St., E. R. A. R. Mansfield.  
 Pro-Cathedral, 130 Stanton St. R. L. Paddock.  
 Reconciliation, 242 E. 31st St. H. R. Wodleigh.  
 Redeemer, 136th St., near 7th Ave. W. E. Johnson.  
 St. Agnes' Chapel (Trinity Parish) 92d St., near  
 Columbus Ave. C. T. Olmsted.  
 St. Ambrose's, 117 Thompson St. Stephen Innes.  
 St. Andrew's, 127th St., near 5th Ave. G. R. Van  
 De Water.  
 St. Ann's, St. Ann's Ave., near E. 140th St. G.  
 W. Harris.  
 St. Ann's, W. 150th St. Thomas Gallaudet.  
 St. Augustine's Chapel (Trinity Parish), 105 E.  
 Houston St. A. C. Kimber.  
 St. Barnabas' Chapel, 306 Mulberry St. Geo. F.  
 Nelson.  
 St. Bartholomew's, 348 Madison Ave., D. H.  
 Greer; Mission at 207 E. 42d St.; Oriental Mission,  
 209 E. 42d St., A. Yohannan; Swedish Chapel,  
 121 E. 127th St., Hugo Holmgren.  
 St. Chrysostom's Chapel (Trinity Parish), 201 W.  
 39th St. T. H. Sill.  
 St. Clement's, 103 W. 3d St. E. H. Van Winkle.  
 St. Cornelius', 423 W. 46th St. I. C. Sturges.  
 St. Cornelius' Chapel, Governor's Island. E. H.  
 C. Goodwin.  
 St. David's, 611 E. 158th St. Edward G. Clifton.  
 St. Edward the Martyr, 109th St., near 5th Ave. E.  
 W. Neil.  
 St. George's, Park Ave., Williamsbridge. F. N.  
 Strader.  
 St. George's, 7 Rutherford Pl. W. S. Rainsford.  
 St. Ignatius', 56 W. 40th St. Arthur Ritchie.  
 St. James', 71st St., cor. Madison Ave. E. W. Warren.  
 St. James', Fordham, Jerome Ave., cor. St. James  
 St. C. J. Holt.  
 St. John the Evangelist, 222 W. 11th St. A. B.  
 Howard.  
 St. John's Chapel (Trinity Parish), 46 Varick St.  
 P. A. H. Brown.  
 St. Luke's, Covent Ave., cor. W. 141st. J. T. Patey.  
 St. Luke's Chapel (Trinity Parish), Hudson St.,  
 opp. Grove St. P. A. H. Brown.  
 St. Mark's, 2d Ave. and 10th St. Loring G. Batten.  
 St. Mark's Chapel, 283 E. 10th St. T. M. Sharpe.  
 St. Mary's, Alexander Ave., cor. 142d St. J. Rey-  
 nolds, Jr.  
 St. Mary's, Lawrence St., near Amsterdam Ave.  
 H. R. Hulse.  
 St. Mary the Virgin, W. 46th St. and 6th St. G.  
 M. Christian.

## CHURCHES IN MANHATTAN AND BRONX BOROUGHS—Continued.

## PROTESTANT EPISCOPAL—Continued.

St. Matthew's, W 84th St., near Central Park. E. H. Kranz.  
 St. Michael's, Amsterdam Ave., near W 99th St. J. P. Peters.  
 St. Paul's, Washington Ave., near 170th St. R. F. Humphreys.  
 St. Paul's (Trinity Parish), Broadway and Vesey St. W. M. Geer.  
 St. Peter's, 342 W 20th St. O. S. Roche.  
 St. Peter's, Westchester Ave. F. M. Clendenin.  
 St. Philip's, 161 W. 25th St. H. C. Bishop.  
 St. Stephen's, 59½ W 46th St.  
 St. Thomas', 5th Ave. cor. 53d St. J. W. Brown.  
 St. Thomas' Chapel, 230 E. 60th St. W. H. Pott.  
 Transfiguration ('Little Church Around the Corner') 5 E. 29th St. G. C. Houghton.  
 Transfiguration Chapel, W. 69th St., near Boulevard.  
 Trinity, Broadway and Rector St. Morgan Dix.  
 Trinity Chapel, 15 W 25th St. W. H. Vibbert.  
 Trinity, E. 164th St., near Boston Rd. A. S. Hull.  
 Zion and St. Timothy, 332 W. 57th St. H. Lubeck.

## REFORMED CHURCH IN AMERICA.

Denominational Headquarters, Reformed Church Building 25 E. 22d St.

Anderson Memorial, cor. E. 183d St. and Monroe Ave. J. Hunter.  
 Bloomingdale, Boulevard, cor. W. 68th St. M. C. Peters.  
 Church of the Comforter, Morris Ave. and Bonner Pl. H. V. S. Myers.  
 Collegiate, 5th Ave., cor. W. 48th St. D. S. Mackey.  
 Collegiate, 77th St. and West End Ave. H. E. Cobb.  
 Collegiate, 307 W. 34th St. J. H. Elliott.  
 Collegiate Chapel, 113 Fulton St. C. F. Cutter.  
 Collegiate of Harlem, 1st Church, 191 E. 121st St. J. Elmendorf and E. Tilton, Jr.  
 Collegiate of Harlem, 2d Church, W. 123d St. and Lenox Ave.  
 First Fordham, Kingsbridge Road, near Jerome Ave. J. M. Hodson.  
 Fourth German 244 W. 40th St. J. H. Oerter.  
 German Evangelical Mission, 141 E. Houston St. J. W. Eyer.  
 Grace, 845 7th Ave. J. R. Duryee.  
 Hamilton Grange, W. 145th St. and Convent Ave. C. B. Chapin.  
 Knox Memorial Chapel, 41st St. and 9th Ave. William Vaughan.  
 Madison Ave., Madison Ave., cor. 57th St. A. E. Kittredge.  
 Manhattan, 71 Ave. B. Jacob Schlegel.  
 Marble Collegiate, 5th Ave., cor. W. 29th St. David J. Burrell.  
 Melrose, Elton Ave., cor. E. 156th St. G. H. Miller.  
 Middle Collegiate, 2d Ave., near 7th St. J. G. Fagg.  
 Mott Haven, 3d Ave., cor. 146th St.  
 Prospect Hill, Park Ave. and E. 89th St. D. McL. Quackenbush.  
 South, Madison Ave. cor. 38th St. Roderick Terry.  
 Manor Chapel, 348 W. 26th St., James Palmer.  
 Rogers Chapel, 204 W. 18th St., A. H. Fish.  
 Union, Ogden Ave. and Birch St., Highbridge. J. B. Voorhes.  
 University Heights Collegiate Chapel, New York University. F. S. Schenck.  
 Vermilye Chapel, 416 W. 54th St. A. H. Bradshaw.  
 West Farms, Boston Road, cor. Clover St. H. C. Weber.

## REFORMED EPISCOPAL.

First, Madison Ave., cor. 55th St. William T. Sabine.

## REFORMED CHURCH IN THE U. S.

Bethany, 235 E. 109th St. Paul Sommerlatte.  
 Harbor Mission, 30 State St. Paul Sommerlatte.  
 Martha Memorial, 419 W. 52d St. Paul H. Schnatz.

## REFORMED PRESBYTERIAN.

First, 123 W. 12th St. James D. Steele.  
 Fourth, 304 W. 122d St. T. M. Carlisle.  
 Second, 227 W. 39th St. Robert M. Sommerville.  
 Third, 235 W. 23d St. Finley M. Foster.

## ROMAN CATHOLIC.

Most Rev. M. A. Corrigan, Archbishop, 452 Madison Ave.  
 All Saints', Madison Ave., cor. 129th St. J. W. Power.  
 Annunciation, E. V. M., Broadway, cor. 131st St. W. L. Penny.  
 Ascension, 107th St. and Amsterdam Ave. Michael F. Reinhardt.  
 Assumption, 427 W. 49th St. Henry Nieuwenhuis.  
 Blessed Sacrament, W. 71st St., near Broadway. M. A. Taylor.  
 Epiphany, 373 2d Ave. D. J. McMahon.  
 Guardian Angel, 513 W. 23d St. John C. Henry.  
 Holy Cross, 335 W. 42d St. Charles McCready.  
 Holy Family, 9th St., Unionport. J. S. Mechler.  
 Holy Innocents, 126 W. 37th St. M. C. O'Farrell.  
 Holy Name of Jesus, Amsterdam Ave., cor. 96th St. James M. Galligan.  
 Holy Rosary, 442 E. 119th St. Francis H. Wall.  
 Holy Trinity, 229 W. 82d St. I. H. Bigley.  
 Immaculate Conception, 505 E. 14th St. J. Edwards.  
 Immaculate Conception (German), 639 E. 150th St. Henry Otteubien.  
 Maronite Chapel, 81 Washington St. G. Korkemas.  
 Most Holy Redeemer, 165 3d St. W. Tewes.  
 Most Precious Blood, 115 Baxter St. F. Alhanasius.  
 Nativity, 48 2d Ave. William Everett.  
 Our Lady of Good Counsel, 236 E. 90th St. William J. O'Kelly.  
 Our Lady of Loretto, 303 Elizabeth St. N. Russo.  
 Our Lady of Mercy, E. 184th St., cor. Webster Ave. Michael McEvoy.  
 Our Lady of Mt. Carmel, 473 E. 115th St. J. Dolan.  
 Our Lady of Perpetual Help, 321 E. 61st St. John G. Kissner.  
 Our Lady of Sorrows, 105 Pitt St. C. Claude.  
 Our Lady of the Holy Scapular of Mt. Carmel, 337 E. 28th St. M. Daly.  
 Our Lady of the Rosary, 7 State St. M. J. Henry.  
 Our Lady of the Rosary at Pompeii, 214 Sullivan St. Anthony Demo.  
 Our Lady Queen of Angels, 228 E. 113th St. T. Grossman.  
 Our Lady 'Star of the Sea,' Main St., City Island. J. B. McGrath.  
 Sacred Heart, Anderson Ave., near Birch St. J. A. Mullen.  
 Sacred Heart of Jesus, 447 W. 51st St. J. F. Mooney.  
 St. Agnes', 143 E. 43d St. Henry A. Brann.  
 St. Alphonsus', 312 W. Broadway. Peter Grein.  
 St. Ambrose, 515 W. 54th St. Morgan J. O'Connell.  
 St. Andrew's, Duane St., cor. City Hall Pl. L. Evers.  
 St. Ann's, 112 E. 12th St. Wm. A. O'Neill.  
 St. Anselm's, Tinton Ave., near E. 152d St. Alexius Edelbrock.  
 St. Anthony, 153 Sullivan St. A. Da Roccagorga.  
 St. Augustine's, E. 167th St., cor. Fulton Ave. T. F. Gregg.  
 St. Benedict the Moor, W. 53d St. J. E. Burke.  
 St. Bernard's, 332 W. 14th St. Gabriel A. Healy.  
 St. Boniface, 882 2d Ave. Ignatius M. Delveaux.  
 St. Bridget's, 123 Ave. B. Patrick F. McSweeney.  
 St. Catharine of Genoa, W. 153d St., near Amsterdam Ave. E. F. Slattery.  
 St. Cecilia's, E. 106th St., near Lexington Ave. Michael M. J. Phelan.  
 St. Charles Borromeo, 142d St., near 7th Ave. H. J. Gordon.  
 St. Columba's, 339 W. 25th St. Henry Prat.  
 St. Elizabeth's, 187th St., cor. Broadway. Thos. F. Lynch.  
 St. Elizabeth of Hungary, 345 E. 4th St. F. Denes.  
 St. Francis de Sales, 234 E. 96th St. J. L. Hoey.  
 St. Francis of Assisi, 139 W. 31st St. Ludger Beck.  
 St. Francis Xavier, 36 W. 16th St. T. E. Murphy.

CHURCHES IN MANHATTAN AND BRONX BOROUGHS—Continued.

ROMAN CATHOLIC—Continued.

St. Gabriel's, 310 E. 37th St. John M. Farley.  
 St. Ignatius, Park Ave., cor. E. 84th St. N. N. McKinnon.  
 St. James', 32 James St. John J. Kean.  
 St. Jerome's, Alexander Ave., cor. 137th St. P. W. Tandy.  
 St. Joachim, 24 Roosevelt St. Oreste Alussi.  
 St. John Baptist, 209 W. 30th St. B. Schmitz.  
 St. John Evangelist, 355 E. 55th St. James J. Flood.  
 St. John S., 291 Church St., Kingsbridge. Edward J. O'Gorman.  
 St. Joseph's, 59 6th Ave. D. P. O'Flynn.  
 St. Joseph's, 1850 Washington Ave. Peter Farrell.  
 St. Joseph's (German), 405 E. 87th St. A. Lammel.  
 St. Joseph's, 125th St., cor. Columbus Ave. G. Huntmann.  
 St. Leo's, 11 E. 28th St. Thomas J. Ducey.  
 St. Margaret's, Riverdale. James F. Kiely.  
 St. Mary Magdalene's, 527 E. 17th St. F. Siegelack.  
 St. Mary's, 438 Grand St. Nicholas J. Hughes.  
 St. Mary's, White Plains Road. John Carr.  
 St. Michael's, W. 32d St. & 9th Ave. John A. Gleeson.  
 St. Monica's, 409 E. 79th St. James Dougherty.  
 St. Nicholas', 125 2d St. John B. Mayer.  
 St. Patrick's, Mott St., cor. Prince St. J. F. Kearney.  
 St. Patrick's Cathedral, cor. 5th Ave. and 50th St. M. J. Lavelle.  
 St. Paul's, 121 E. 117th St. John McQuirk.  
 St. Peter's, 22 Barclay St. James H. McGean.  
 St. Philip, Bedford Park. D. F. Burke.  
 St. Raphael's, 509 W. 40th St. Mallick A. Cunnion.  
 St. Raymond's, West Farms Road, Westchester. E. McKenna.  
 St. Rose of Lima, 40 Cannon St. Edward McGinley.  
 St. Stanislaus', 43 Stanton St. J. H. Strzelecki.  
 St. Stephen's, 149 E. 28th St. Charles H. Colton.  
 St. Teresa's, Rutgers cor. Henry St. J. T. McEntyre.  
 St. Thomas the Apostle, W. 118th St., near St. Nicholas Ave. John J. Keogan.  
 St. Thomas Aquinas, 1271 Tremont Ave.  
 St. Valentine's, 7th St., Williamsbridge. J. Dworzak.  
 St. Veronica's, Christopher St., near Greenwich. D. J. McCormick.  
 St. Vincent de Paul, 127 W. 23d St. Theo. Wucher.  
 St. Vincent Ferrer, 871 Lex. Ave. P. V. Hartigan.  
 Transfiguration, 25 Mott St. Thos. P. McLoughlin.

UNITARIAN.

Denominational Headquarters, 104 E. 20th St. All Souls', 245 4th Ave. Thomas R. Slicer.  
 Lenox Ave., cor. 121st St. Merle St. C. Wright.  
 Messiah, E. 34th St., cor. Park Ave. Minot J. Savage and R. Collyer.

UNITED PRESBYTERIAN.

First, 250 W. 34th St. Thomas W. Anderson.  
 Harlem, 302 E. 119th St. J. Kirkpatrick.  
 Seventh Ave., 29 7th Ave. J. Howard Tate.  
 Third, 41 Charles St. James A. Reed.  
 Washington Heights, 172d St. and Audubon Ave. J. C. K. Milligan.  
 West 44th St., 434 W. 44th St. Homer H. Wallace.

UNIVERSALIST.

Church of the Eternal Hope, 142 W. 81st St. W. S. Crowe.  
 Fourth (Divine Paternity), Central Park West and 76th St. Charles H. Eaton.

OTHER DENOMINATIONS.

Am. Heb. Christ'n Mission, 105 E. 22d St. B. Angel.  
 Am. Mission to the Jews, 424 Grand St.  
 Aryan Lotus Circle, 144 Madison Ave. Miss Elizabeth Whitney, Supt.  
 Beacon Light Rescue Mission, 207 E. 125th St. W. P. St. Germain, Supt.  
 Broome St. Tabernacle, 395 Broome St. A. J. Kerr.  
 Catharine Mission, 24 Catharine Slip. Margaret A. Delaney, Supt.  
 Christian Israelites' Sanctuary, 108 1st St. J. F. Ruge.  
 Christian Reformed, 21 Bank St.  
 Christ's Mission, 142 W. 21st St. Jas. A. O'Connor.  
 Church of the Strangers, W. 57th St. and 8th Ave. D. A. Blackburn.  
 Cremorne Mission, 104 W. 32d St. Charles Ballou, Supt.  
 De Witt Memorial, 280 Rivington St. W. T. Elsing.  
 East Side Chapel, 404 E. 15th St.  
 Free Methodist Mission, 349 E. 10th St.  
 Gospel Chapel, 305 W. 30th St. Alfred Blewitt.  
 Gospel Tabernacle, 692 8th Ave. A. B. Simpson.  
 Greek Orthodox, 12 W. 11th St. A. A. Papageorgopoulos.  
 Hebrew Christian Mission, 126 Forsyth St. H. P. Faust.  
 House of the Lord's Mission, 190 Bleecker St. E. Ballou, Supt.  
 Italian Mission, 395 Broome St. Antonio Arrighi.  
 Manhattan Chapel, 420 E. 26th St.  
 Mariners', 46 Catharine St. Samuel Bout.  
 McAuley's Water St. Mission, 316 Water St. S. H. Hadley, Supt.  
 New Jerusalem (Swedenborgian), 114 E. 35th St. J. K. Smyth.  
 Olivet Memorial, 63 2d St. A. H. McKinney.  
 146th St. Gospel Temperance Mission, near 3d Ave.  
 People's, 2308 2d Ave. Joseph Bennett.  
 People's Tabernacle, 232 E. 104th St. H. M. Tyndall.  
 Russian Orthodox, 323 2d Ave. Alex. Hotovitzky.  
 Salvation Army, 122 W. 14th St.; 88 Cherry St.; 94 Greenwich St.; 212 E. 125th St.; 512 E. 6th St.; 668 Courtlandt Ave.; 353 W. 35th St.; 79 Bank St.; Lexington Ave. and 125th St.; 1556 3d Ave.; 158 E. 27th St.; 14 4th Ave.; 143d St. and Alexander Ave. E. D. Booth-Tucker, Commander.  
 Seaman's Rest Mission, 665 Washington St. Stafford Wright.  
 Strachan, Margaret, Chapel, 105 W. 27th St.  
 Volunteers, 1 4th Ave.; 212 E. 125th St. Ballington Booth, Commander.  
 Woods Memorial Chapel, 133 Ave. A. Daniel Redmond.  
 Young Men's Christian Association, 3 W. 29th St.; 52 E. 23d St.; 153, 222 Bowery; 158 E. 87th St.; 5 W. 125th St.; 155th St., near Broadway; 142 2d Ave.; 49 W. 24th St.; 361 Madison Ave.; 129 Lexington Ave.; West End Ave., cor. 72d St.; Park Ave., near E. 151st St.; 318 W. 57th St., and Governor's Island.  
 Young People's City Mission, 219 E. 59th St. Mrs. Catharine Malslain.  
 Young Women's Christian Association, 7 E. 15th St.; 453 W. 47th St.

Population of Greater New York.

The following is a statement in detail of the population of the various towns now included in the city of New York, as returned by the State census of 1892. For present population of New York City, see page 396.

| Towns.               | Popu-<br>lation. | Towns.                | Popu-<br>lation. | Towns.   | Popu-<br>lation. |
|----------------------|------------------|-----------------------|------------------|--|------------------|
| New York City.....   | 1,801,739        | Jamaica.....          | 13,441           | East Chester, West Chester, and<br>Pelham towns..... | 35,000           |
| Brooklyn.....        | 985,275          | Long Island City..... | 30,506           |  |                  |
| Richmond County..... | 53,452           | Newtown.....          | 17,549           |  |                  |
| Flushing.....        | 13,803           | Jamaica Bay.....      | .....            | Totals.....  | 2,985,429        |
| Part Hempstead.....  | *17,766          |                       |                  |  |                  |

\* Estimated.

## New York Chamber of Commerce.

ORGANIZED April 5, 1768. Incorporated by George III. March 13, 1770. Reincorporated by the State of New York April 13, 1784. Its object is indicated in the following words of the original charter: "Sensible that numberless inestimable benefits have accrued to mankind from commerce; that they are, in proportion to their greater or lesser application to it, more or less opulent and potent in all countries: and that the enlargement of trade will vastly increase the value of real estates as well as the general opulence of our said colony," and "to carry into execution, encourage, and promote, by just and lawful ways and means, such measures as will tend to promote and extend just and lawful commerce."

During the decade 1760-1770, according to Lord Sheffield's *Observations*, the average yearly value of American Colonial imports from Great Britain was £1,763,409, and of exports to the same country £1,044,591. Up to the evacuation of the city by the British and its occupation by the Americans, on the 25th of November, 1783, the New York Chamber of Commerce had had seven presidents, thirteen vice-presidents, eight treasurers, one secretary, and 135 members. In May, 1763, the Sandy Hook Light-house was lighted up for the first time. In 1786 the Chamber of Commerce first suggested the construction of the Erie Canal, and in 1784 petitioned the New York Legislature (which so ordered) that duties should be levied under a specific instead of an *ad valorem* tariff—a system of which the Chamber of Commerce has ever since been the constant advocate.

As a society the Chamber of Commerce consists of twelve hundred and fifty regular members. Initiatory fees have varied between the sum of ten Spanish dollars, required in 1770, and \$25, which is now demanded from every accepted candidate.

The offices and meeting rooms are at 32 Nassau Street, Manhattan Borough, New York. Officers: *President*, Morris K. Jesup; *Secretary*, George Wilson; *Treasurer*, Solon Humphreys.

## Distances in Manhattan Borough.

| From the Battery.         | From the City Hall.       |                  | From the Battery.          | From the City Hall.    |                    |
|---------------------------|---------------------------|------------------|----------------------------|------------------------|--------------------|
| $\frac{1}{4}$ mile .....  | .....                     | To Rector Street | $\frac{4}{16}$ miles ..... | 4 miles ...            | To E. 54th Street. |
| $\frac{1}{8}$ " .....     | .....                     | Dey Street.      | $\frac{4}{16}$ " .....     | $\frac{4}{16}$ " ..... | " E. 58th Street.  |
| $\frac{3}{8}$ " .....     | .....                     | City Hall.       | 5 " .....                  | $\frac{4}{16}$ " ..... | " E. 63d Street.   |
| 1 " .....                 | $\frac{1}{8}$ mile.....   | Leonard Street.  | $\frac{5}{16}$ " .....     | $\frac{4}{16}$ " ..... | " E. 68th Street.  |
| $1\frac{1}{4}$ miles..... | $\frac{3}{8}$ " .....     | Canal Street.    | $\frac{5}{16}$ " .....     | 5 " .....              | " E. 73d Street.   |
| $1\frac{1}{8}$ " .....    | 1 " .....                 | Spring Street.   | $\frac{5}{16}$ " .....     | $\frac{5}{16}$ " ..... | " E. 78th Street.  |
| $1\frac{3}{8}$ " .....    | $1\frac{1}{4}$ miles..... | E. Houston St.   | 6 " .....                  | $\frac{5}{16}$ " ..... | " E. 83d Street.   |
| 2 " .....                 | $1\frac{1}{2}$ " .....    | E. 4th Street.   | $\frac{6}{16}$ " .....     | $\frac{5}{16}$ " ..... | " E. 88th Street.  |
| $2\frac{1}{4}$ " .....    | $1\frac{3}{4}$ " .....    | E. 9th Street.   | $\frac{6}{16}$ " .....     | 6 " .....              | " E. 93d Street.   |
| $2\frac{1}{2}$ " .....    | 2 " .....                 | E. 14th Street.  | $\frac{6}{16}$ " .....     | $\frac{6}{16}$ " ..... | " E. 97th Street.  |
| $2\frac{3}{4}$ " .....    | $2\frac{1}{4}$ " .....    | E. 19th Street.  | 7 " .....                  | $\frac{6}{16}$ " ..... | " E. 102d Street.  |
| 3 " .....                 | $2\frac{1}{2}$ " .....    | E. 24th Street.  | $\frac{7}{16}$ " .....     | $\frac{6}{16}$ " ..... | " E. 107th Street. |
| $3\frac{1}{4}$ " .....    | $2\frac{3}{4}$ " .....    | E. 29th Street.  | $\frac{7}{16}$ " .....     | $\frac{6}{16}$ " ..... | " E. 112th Street. |
| $3\frac{1}{2}$ " .....    | 3 " .....                 | E. 34th Street.  | $\frac{7}{16}$ " .....     | $\frac{7}{16}$ " ..... | " E. 117th Street. |
| $3\frac{3}{4}$ " .....    | $3\frac{1}{4}$ " .....    | E. 38th Street.  | 8 " .....                  | $\frac{7}{16}$ " ..... | " E. 121st Street. |
| 4 " .....                 | $3\frac{1}{2}$ " .....    | E. 44th Street.  | $\frac{8}{16}$ " .....     | $\frac{7}{16}$ " ..... | " E. 126th Street. |
| $4\frac{1}{4}$ " .....    | $3\frac{3}{4}$ " .....    | E. 49th Street.  | $10\frac{1}{16}$ " .....   | 10 " .....             | " W. 166th Street. |

Every twenty blocks above Houston Street measure one mile.

### CROSTOWN DISTANCES.

The distance across the city:

At Battery Place is  $\frac{1}{2}$  mile.

" Fulton Street is  $\frac{3}{4}$  mile.

" Chambers Street is 1 mile.

" Grand Street is  $2\frac{1}{4}$  miles.

From Twenty-third Street northward to One Hundred and Twenty-fifth Street the width of the island averages from 2 to  $2\frac{1}{4}$  miles.

At Houston Street is  $2\frac{1}{2}$  miles.

Fourteenth Street is  $2\frac{3}{4}$  miles.

Twenty-third Street is  $2\frac{3}{4}$  miles.

Inwood is  $\frac{3}{4}$  mile.

## Jury Duty in Manhattan and the Bronx Boroughs.

To be qualified to serve a person must be not less than 21 nor more than 70 years of age, and he must be a male citizen of the United States, and a resident of the county of New York; and he is a resident within the meaning of the jury law if he dwells or lodges here the greater part of the time between the first day of October and the last day of June. He must be the owner, in his own right of real or personal property of the value of \$250; or the husband of a woman who is the owner, in her own right, of real or personal property of that value. He must also be in the possession of his natural faculties, and not be infirm or decrepit; intelligent, of good character, and able to read and write the English language understandingly.

### THE FOLLOWING PERSONS ARE ENTITLED TO EXEMPTION.

A Clergyman, Minister of any religion officiating as such, and not following any other calling. A practicing Physician, Surgeon, Surgeon-Dentist, or Veterinary Surgeon not following any other calling, and a licensed Pharmacist or Pharmacist while actually engaged in his profession as a means of livelihood. An Attorney or Counsellor-at-Law regularly engaged in the practice of law as a means of livelihood. A Professor or Teacher in a college, academy, or public school, not following any other calling. Editor, Editorial Writer, or Reporter of a daily newspaper regularly employed as such, and not following any other vocation. The holder of an office under the United States, or the State, or city, or county of New York, whose official duties, at the time, prevent his attendance as a juror. A Consul of a foreign nation. A Captain, Engineer, or other officer actually employed upon a vessel making regular trips; a licensed Pilot, actually following that calling. A Superintendent, Conductor, or Engineer employed by a Railroad Company other than a street railroad company or a Telegraph Operator, employed by a Telegraph Company who is actually doing duty in an office, or along the railroad or telegraph line of the company by which he is employed. Honorably discharged Firemen. Active and honorably discharged Militiamen and active members of the Old Guard. Stationary Engineers, Inspectors, Poll Clerks, and Ballot Clerks, or a person who is physically incapable. Grand Sheriffs, and Municipal Court Jurors.



## Exchanges and Boards of Trade in Manhattan Borough.

Brewers' Exchange, 109 and 111 E. 15th St.  
 Building Material Exchange of the City of New York, 18 Cortland St  
 Chamber of Commerce, 23 Nassau St.  
 Coal, 131 E. 58th St.  
 Coal and Iron, 21 Cortland St.  
 Coffee Exchange, 113 to 117 Pearl St. and 66 Beaver St.  
 Consolidated Stock Exchange, 60 Broadway and 21 New St.  
 Cotton Exchange, Beaver and William Sts.  
 Fruit Exchange, 78 Park Place.  
 Furniture Exchange, Grand Central Palace, Lexington Ave. and 44th St.  
 Jewellers' Board of Trade, 54 Maiden Lane.  
 Maritime Exchange, 8 Beaver St.

Mechanics and Traders' Exchange, 1127 Broadway.  
 Merchant Tailors' Society, 241 Fifth Ave.  
 Metal Exchange, 234 Pearl St.  
 Mining Exchange, 38 New St.  
 N. Y. Board of Trade and Transportation, 203 Broadway.  
 N. Y. Furniture Board of Trade, 150 Canal St.  
 New York Industrial Exchange, 38 New St.  
 New York Mercantile Exchange, 6 Harrison St.  
 N. Y. Produce Exchange, Broadway & Beaver St.  
 N. Y. Stock Exchange, 10 Broad St. & 13 Wall St.  
 Real Estate Exchange, 59 to 65 Liberty St.  
 Silk Association of America, 445 Broome St.  
 Stationers' Board of Trade, Bennett Building, 99 Nassau St.  
 Wool Exchange, West Broadway and Beach St.

## Cemeteries in and About the City of New York.

Unless otherwise stated, office addresses in this list are in Manhattan Borough.)

| NAME.                     | Location.  | Office.   | Railroad or Ferry.   |
|---------------------------|--|---|--|
| Arlington.....            | Arlington, N. J., 4 1-2 miles from J. C. Greenville, N. J., 2 1-2 miles from J. C. Bergen, N. J., 1 1-2 miles from J. C. Newtown, L. I.      | 239 Washington St., J. C. At Cemetery.....                              | Greenwood Lake Div. Erie R. R. Cent. R.R. of N. J., or trolley from J. C. Cortlandt, Desbrosses, W. 23d St. Ferries. |
| Bay View.....             | Bergen, N. J., 1 1-2 miles from J. C. Newtown, L. I.   | 21 Hoboken Ave., J. C. 266 Mulberry St., N. Y.                          | Long Island City or Williamsburg Ferries.  |
| Bergen.....               | Near Corona, L. I., 5 1-2 miles from N. Y. Bergen Point, N. J., 7 miles from J. C. Myrtle Ave. and Jamaica Plank Road, Brooklyn Borough..... | 123 E. 23d St., N. Y. At Cemetery.....                                  | Long Island R.R., or Bkn. Rapid Transit. Cent. R.R. of N. J., or trolley from J. C.                                  |
| Calvary.....              | Brooklyn Borough.....  | 1 Madison Ave., N. Y.   | Grand, Roosevelt, and Fulton Ferries, and also by cars from Brooklyn Bridge.   |
| Cedar Grove.....          | Bushwick Ave. & Conway St., Brooklyn.  | At Cemetery.....  | Trolley from Bklyn Ferries, or El. R.R.'s.   |
| Cedar Grove.....          | Staten Island, near Castleton Corners.....   | W. New Brighton, N. Y.  | Trolley from St. George, Staten Island.  |
| Constable Hook.....       | Prospect Park, Brooklyn Borough.....   | At Cemetery.....  | Fulton, Catharine, and Hamilton Ferries.   |
| Cypress Hills.....        | Brooklyn Borough, N. Y. Main entrance at Fifth Ave. and 25th St.; 20th St., cor. Ninth Ave.....  | 71 Broadway, N. Y.....  | Cars from Bridge Depot, Fulton, Wall, South, Catharine, and Hamilton Ferries.  |
| Evergreens.....           | New Durham, N. J., 4 miles from Hoboken ferries.....   | 213 Washington St., Hob. Jay & Chapel Sts., B'k'n Montgomery St., J. C. | Nor. R.R. of N. J.; N. Y., S. & W.; W.S.R.R. Fulton, Grand, and Roosevelt Ferries.                                   |
| Fair View.....            | Flatbush, L. I., Brooklyn Borough.....   | At Cemetery.....  | Cortlandt, Desbrosses, W. 23d St. Ferries.   |
| Friends'.....             | Westside Ave., Jersey City Heights.....  | At Cemetery.....  | Trolley from Brooklyn Ferries.   |
| Greenwood.....            | Central Ave., East New York.....   | At Cemetery.....  | Cortlandt, Desbrosses, W. 23d St. Ferries.   |
| Hoboken.....              | Newark Ave., Jersey City, N. J.....  | 16 E. 42d St., N. Y.  | Harlem R.R.  |
| Holy Cross (R. C.).....   | On Harlem R.R., 2 1/2 miles from Grand Central Depot.....  | 456 E. Houston St., N. Y.   | Williamsburg Ferries.  |
| Holy Name (R. C.).....    | East Williamsburg, L. I.....   | 75 Nassau St., N. Y.  | Trolley from W'msb'g and Fulton Fer.   |
| Holy Trinity (R. C.)..... | Jamaica Turnpike, near Middle Village.....   | 108 W. 25th St., N. Y.  | Nor. R.R. of N. J.; N. Y., S. & W.; W.S.R.R. Same route as for "Cypress Hills," above.                               |
| Jersey City.....          | New Durham, Hudson County, N. J.....   | At Cemetery.....  |  |
| Kenilco.....              | Adjoining Cypress Hills Cemetery.....  | 1286 Broadway, N. Y.....  | East 34th St. and James Slip Ferries.  |
| Linden Hill (M. E.).....  | Hoffman Boulevard, about 6 miles from L. I. City Ferry Depots.....   | Located about six miles 380 Sixth Ave., N. Y.                           | Putnam Div., N. Y. Central R. R.   |
| Lutheran.....             | New Dorp, Staten Island.....   | 270 E. 112th St., N. Y.   | Trolley from B'way Ferry, B'kin Borough.   |
| Machpelah.....            | Mount Hope, Westchester County.....  | 22 Bible House, N. Y.   | Same route as for "Cypress Hills," above.  |
| Machpelah (Heb.).....     | Jamaica Ave., Brooklyn Borough.....  | At Cemetery.....  | Trolley from foot of Broadway, Brooklyn Borough, or E. 24th St. Ferry Depot.   |
| Maple Grove.....          | Adjoining Cypress Hills Cemetery.....  | 41 Park Row, N. Y.....  | Trolley from E. 34th St. Ferry Depot.  |
| Moravian.....             | Maspeth, L. I.....   | At Cemetery.....  | Cent. R.R. of N. J.; trolley from J. C. Nor. R. E. of N. J., or West Shore R.R. Trolley from Yonkers.                |
| Mount Hope.....           | Maspeth, L. I.....   | 51 Warburton, Yonkers.  | Horse-car from Bartow, on N. Hav. R.R. Cars from W'msb'g and Fulton Ferries.   |
| Mount Hope.....           | Maspeth, L. I.....   | Main St., City Island.....  | Boat foot of E. 26th St.   |
| Mount N'boh.....          | Maspeth, L. I.....   | Almshouse, Flatbush.....  | Northern R.R. of N. J. & West Sh. R.R. Trolley from W'msb'g & Fulton Ferries.  |
| Mount Olivet.....         | Maspeth, L. I.....   | 148 E. 20th St.....   | N. Y. Central or Putnam Div.   |
| Mount Zion.....           | Maspeth, L. I.....   | 124 W. 23d St., N. Y.   | East 34th and 92d St. Ferries.   |
| New York Bay.....         | Maspeth, L. I.....   | Jay & Chapel Sts., B'k'n At Cemetery.....                               | Cortlandt, Desbrosses, W. 23d St. Ferries.   |
| Nyack Rural.....          | Ocean Ave., Greenville, N. J.....  | Astoria, L. I.....  | N. Y. Central or Putnam Div.   |
| Oakland.....              | Nyack, N. Y.....   | Montgomery St., J. C.   | Whitehall St. Ferry.   |
| Pelham.....               | Nyack, N. Y.....   | 130 Main St., Tarrytown Sec., 90 E. 129th St., N. Y.                    | Sixth or Ninth Ave. Elevated R.R. Trolley from Bridge and Ferries.   |
| Potter's Field.....       | Yonkers, N. Y.....   | 187 Fulton St., N. Y.   | Hoboken and Weehawken Ferries.   |
| Potter's Field.....       | Lafayette Ave., City Island, N. Y.....   | 141 Broadway, N. Y.....   | Harlem Div. N. Y. Central R. R.  |
| Rockland.....             | Flatbush, L. I., Brooklyn Borough.....   | At Cemetery.....  |  |
| St. John (R. C.).....     | Hart's Island, N. Y.....   | 20 E. 23d St., N. Y.  |  |
| St. John's.....           | Sparkill, Rockland Co., N. Y.....  |   |  |
| St. Michael's.....        | Jamaica Turnpike.....  |   |  |
| St. Peter's (R. C.).....  | Yonkers, N. Y.....   |   |  |
| Sleepy Hollow.....        | Flushing Ave., Newtown, L. I.....  |   |  |
| Staten Island.....        | Tonnelle Ave., Jersey City Heights.....  |   |  |
| Trinity Church.....       | Tarrytown, N. Y.....   |   |  |
| Washington.....           | Richmond Terrace, near W. N. Brighton Amsterdam Ave. and W. 153d St.....   |   |  |
| Weehawken & Palisade..... | Near Parkville, L. I.....  |   |  |
| Woodlawn.....             | Hoboken, N. J., 2 miles from ferries.....  |   |  |
|                           | On Jerome Ave., in 24th Ward.....  |   |  |

**Express Offices in the City of New York.**

(Office addresses in this list are in Manhattan or Bronx Borough, unless otherwise stated.)

Adams.—Principal office, 59 Broadway. Other offices, 137 W. Broadway, 309 Canal St., 2 Great Jones St., 12 W. 23d St., 20 E. 43d St., 48th St. and Park Ave., 250 Grand St., 701 8th Ave., 6 Reade St., 13 E. 14th St., 201 E. 23d St., 70 Maiden Lane, 9 Liberty St., 51 Howard St., 3 W. 22d St., 180 and 577 Columbus Ave., 1183 and 1806 3d Ave., 139 W. 125th St., 132d St. and Willis Ave.; in Jersey City, 2 Exchange Pl. and Pier D, Pennsylvania R.R. Depot.

American.—Principal office, 65 Broadway. Other offices, 142 West Broadway, 302 Canal St., Lafayette Pl. and 4th St., 922 Broadway, 76 5th Ave., 121 E. 125th St., 275 W. 125th St., 138th St. and Railroad Ave., Vanderbilt Ave. and 45th St., Madison Ave. and 47th St., 10th Ave. and 30th St., 93 Bowery, 569 Columbus Ave., 131 E. 86th St.; in Jersey City, 109 Hudson St.

Davis, Turner & Co. (Foreign).—27 State St.  
Dodd.—Principal office, 1323 Broadway; No. 1 Astor House, 434, 461, 944, 1196, 1354 Broadway, Liberty, Chambers (N. R.), Cortlandt, Desbrosses, and W. 23d St. Ferries, Pier 28, N. R.; Citizens' Line, foot of W. 10th St.; People's Line, foot of Canal St.; Providence Line, foot of Murray St.; Stonington Line, foot of Spring St.; Fall River Line, foot of Warren St.; 521 7th Ave., 737 6th Ave., 245 Columbus Ave., 42d St. and 6th Ave., Grand Central Depot, 153 E. 125th St., 273 W. 125th St., 60 W. 133d St.; in Brooklyn, 50, 52 Nassau St., 4 Court St., 860 Fulton St., 98 Broadway; in Jersey City, 18 Exchange Pl.

Downing's Foreign Express.—20 Exchange Place, 65 Beaver St.  
Hub Express Co.—109 John St., 312 Canal St., 526 Prince St., 135 Crosby St.

International (Foreign).—2 Battery Place.  
Long Island.—Principal offices, foot of James Slip and foot of E. 24th St. Other offices, 304 Canal St., 950 and 1313 Broadway, 142 West St., 180 Columbus Ave.; in Brooklyn, 333 Fulton St., Flatbush and Atlantic Aves., Franklin and Atlantic Aves., Bushwick Avenue Depot, 118 Broadway.

Morris' European and American Express.—18 and 20 Broadway.

National.—Principal office, 141 Broadway. Other offices, 88 Liberty, 158 Duane, 114 W. Broadway, 23 Hudson, 100 Maiden Lane, 96 Mercer, 165 Crosby, 79 E. 13th, 121, 243 E. 125th St., 138th St. and Railroad Ave., 946 Broadway, 399 Madison Ave., foot of Franklin St., foot of W. 42d St.; in Brooklyn

Boro, 8, 493, 1400 Fulton St., Kent Ave. and South 6th St., 1129 Myrtle Ave., 20 Alabama Ave., 3d Ave. and 25th St.; in Jersey City, 109 Hudson St.; in Hoboken and Weehawken, West Shore R.R. Depot.

New York and Boston Despatch.—304 and 306 Canal St., 100 Maiden Lane, 45 Church St., Piers 18 and 36, N. R.; 163 Gold St., 96 Mercer St., 17 W. 28th St., 6 White St., 165 Crosby St., 950 Broadway, 16 W. 4th St., 79 E. 13th St., 344 3d Ave., 234 Columbus Ave.

New York Transfer Company.—See Dodd.  
Pitt & Scott (Foreign).—39 Broadway.

Southern.—12 W. 23d St.—See Adams Express.

United States.—Principal office, 49 Broadway. Other offices, 940 and 1313 Broadway, 296 Canal St., foot of Christopher St., foot of Liberty St., 12 Fulton St., foot of Whitehall St., 68 Gold St., 142 West St., 150 Duane St., West Washington Market, 11 E. 14th St., 342 3d Ave., 35 W. 3d St., 865 6th Ave.; in Brooklyn, 8, 10, 493, 1400 Fulton St., South 6th St. and Kent Ave., 1129 Myrtle Ave., 3d Ave. and 25th St., 732 Manhattan Ave., 20 Alabama Ave.; in Jersey City, 46 Montgomery St., Depot of Central R. R. of New Jersey at ferry; in Hoboken, on Ferry St., two blocks from Ferry, also in passenger depot of Delaware, Lackawanna and Western R. R. at Ferry.

Universal (Foreign).—J. C. Metzger & Co., Agents, 15 Broadway.

Wells, Fargo & Co.—Principal office, 63 Broadway. Other offices, 957 Broadway, 14 Park Place, 659, 1047 4th Ave., 310 Canal St., 96 Mercer St., 188 West St., foot of W. 23d St., 348 W. 59th St., 235, 503 Columbus Ave., 166 Western Boulevard, 1562 3d Ave., 61 W. 125th St.; in Brooklyn, 333, 338, 726 Fulton St., 296 Flatbush Ave., 22 Dean St., 19 Bergen St., 106 Broadway, 1063 Bedford Ave.; in Jersey City, 299 Pavonia Ave. and at Ferry foot of Pavonia Ave., 613 Newark Ave., York and Green Sts.

Westcott.—14 Park Place, 314 Canal St., 111 4th Ave., 1216 Broadway, foot of Christopher St., foot of Barclay St., foot of Franklin St., foot of W. 42d St., Grand Central Depot, 235 Columbus Ave., 61 W. 125th St.; in Brooklyn, 338, 726 Fulton St., 19 Bergen St., 296 Flatbush Ave., 20 Dean St., 1063 Bedford Ave., 106 Broadway; in Hoboken, Delaware, Lackawanna and Western R. R. Station in Jersey City, all offices of Ogden's Express.

EXPRESS MONEY ORDERS are issued by all the principal express companies. Rates for money orders are as follows:

|                        |          |                         |                                      |
|------------------------|----------|-------------------------|--------------------------------------|
| Not over \$5.....      | 5 cents. | Over \$40 to \$50.....  | 18 cents.                            |
| Over \$5 to \$10.....  | 8 "      | Over \$50 to \$60.....  | 20 "                                 |
| Over \$10 to \$20..... | 10 "     | Over \$60 to \$75.....  | 25 "                                 |
| Over \$20 to \$30..... | 12 "     | Over \$75 to \$100..... | 30 "                                 |
| Over \$30 to \$40..... | 15 "     | Over \$100.....         | at above rates, according to amount. |

**Board of Education in Manhattan and Bronx Boroughs.**

Office, 146 Grand Street. A. E. Palmer, Secretary. T. E. Bussey, Act. Secretary of School Board.

| COMMISSIONERS.                   | Residence.                          | Place of Business.         | Term Expires Jan. 1. |
|----------------------------------|-------------------------------------|----------------------------|----------------------|
| Joseph J. Little, President..... | 23 West 45th Street.....            | 8 Astor Place.....         | 1900                 |
| John E. Eustis.....              | Morris Heights.....                 | 80 Broadway.....           | 1900                 |
| John M. Linck.....               | 685 East 135th Street.....          | 685 East 135th Street..... | 1900                 |
| Abraham Stern.....               | 52 East 61st Street.....            | 31 Nassau Street.....      | 1900                 |
| Richard H. Adams.....            | 142 Convent Avenue.....             | 737 Broadway.....          | 1900                 |
| Joseph J. Kittel.....            | Riverside Avenue & 122d Street..... | Nineteenth Ward Bank.....  | 1901                 |
| Miles M. O'Brien.....            | 320 East 89th Street.....           | 224 Church Street.....     | 1901                 |
| Charles C. Burlingham.....       | 129 East 38th Street.....           | 45 William Street.....     | 1901                 |
| Henry A. Rogers.....             | 347 West 57th Street.....           | 19 John Street.....        | 1901                 |
| Henry W. Taft.....               | 340 Lexington Avenue.....           | 40 Wall Street.....        | 1901                 |
| James P. Lee.....                | 9 5th Avenue.....                   | 44 Broadway.....           | 1901                 |
| Vernon M. Davis.....             | 194 Lenox Avenue.....               | 220 Broadway.....          | 1901                 |
| George Livingston.....           | 358 West 23d Street.....            | 1123 Broadway.....         | 1902                 |
| Edward F. Farrell.....           | 355 East 88th Street.....           | 154 Nassau Street.....     | 1902                 |
| John B. Harrison.....            | 25 East 130th Street.....           | 237 Broadway.....          | 1902                 |
| Morris E. Sterne.....            | 203 West 117th Street.....          | 9 East 14th Street.....    | 1902                 |
| Waldo H. Richardson.....         | 79 Washington Place.....            | 79 Washington Place.....   | 1902                 |
| Thaddeus Moriarty.....           | 39 West 130th Street.....           | 159 E. 23d Street.....     | 1902                 |
| Geo. M. Van Hoesen.....          | 62 West 47th Street.....            | 45 Broadway.....           | 1902                 |

# Schools in Manhattan and Bronx Boroughs.

## GRAMMAR SCHOOLS.

| No. | Location.                                  | No. | Location.  | No. | Location.   |
|-----|--|-----|--|-----|---|
| 1   | 30 Vandewater St.                          | 40  | 225 E. 23d St.   | 75  | 25 Norfolk St.  |
| 2   | 116 Henry St.                              | 41  | 40 Greenwich St.   | 76  | Lexington Ave. and 68th St.   |
| 3   | 483 Hudson St.                             | 42  | 30 Allen St.   | 77  | 1st Ave. and 86th St.   |
| 4   | 203 Rivington St. ; Annex, 71 Pitt St.     | 43  | Amsterdam Ave. & 129th St.   | 78  | Pleasant Ave. and 119th St.   |
| 5   | 140th St. & Edgecombe Ave.                 | 44  | 12 North Moore St.   | 79  | 42 1st St.  |
| 6   | Madison Ave. and 85th St.                  | 45  | 225 W. 24th St.  | 80  | 225 W. 41st St.   |
| 7   | Hester and Chrystie Sts.                   | 46  | St. Nicholas Ave. & W. 156th St. ; Annex, 155th St., near Amsterdam Ave. | 81  | Mosholu Parkway, Bedford Park.  |
| 8   | 39 King St.                                |     |  | 82  | 1st Ave. and 70th St.   |
| 9   | West End Ave. and 82d St.                  | 47  | 225 E. 23d St.   | 83  | 216 E. 110th St. ; Annex, 225 E. 110th St.  |
| 10  | 117th St. and St. Nicholas Ave.            | 48  | 124 W. 28th St.  | 84  | 430 W. 50th St.   |
| 11  | 314 W. 17th St.                            | 49  | 237 E. 37th St.  | 85  | 735 E. 138th St.  |
| 12  | 371 Madison St.                            | 50  | 211 E. 20th St.  | 86  | Lexington Ave. and 96th St.   |
| 13  | 239 E. Houston St.                         | 51  | 523 W. 44th St.  | 87  | Amsterdam Ave. & W. 77th St.  |
| 14  | 225 E. 27th St.                            | 52  | 266th St., Inwood.   | 88  | 300 Rivington St.   |
| 15  | 728 5th St.                                | 53  | 207 E. 79th St.  | 89  | Lenox Ave. and 134th St.  |
| 16  | 208 W. 13th St.                            | 54  | Amsterdam Ave. & 104th St.   | 90  | Eagle Ave. and 163d St.   |
| 17  | 385 W. 47th St.                            | 55  | 140 W. 20th St.  | 91  | Ogden Ave., Highbridge.   |
| 18  | 121 E. 51st St.                            | 56  | 351 W. 18th St.  | 92  | Broome and Ridge Sts.   |
| 19  | 344 E. 14th St.                            | 57  | 176 E. 115th St. ; Annex, 116th St., near Lexington Ave.                 | 93  | 93d St. and Amsterdam Ave. ; Annex 225 W. 99th St.  |
| 20  | 160 Chrystie St.                           | 58  | 317 W. 52d St.   | 94  | 68th St. and Amsterdam Ave. ; Annex, 71st St. & Broadway  |
| 21  | 55 Marion St.                              | 59  | 228 E. 57th St.  | 95  | 13-17 E. 125th St.  |
| 22  | Stanton and Sheriff Sts.                   | 60  | College Ave. and 145th St. ; P. D., 501 Courtlandt Ave.                  | 96  | Avenue A and 81st St.   |
| 23  | Mulberry and Bayard Sts.                   | 61  | 3d Ave., near 170th St.  | 97  | 2d Ave., bet. Washington and Madison Sts., Westchester ; Annex, 14th St. and Ave. C, Westchester. |
| 24  | 63 E. 125th St. & 1941 Mad'n A.V.          | 62  | 157th St. & Courtlandt Ave.  | 98  | Park Ave. and 2d St., Williamsbridge, Westchester.  |
| 25  | 330 6th St.                                | 63  | 3d Ave. and 173d St.   | 99  | Eastern Boulevard, near Elliott Ave., Throgg's Neck, Westchester.                                 |
| 26  | 124 W. 30th St.                            | 64  | 2436 Webster Ave., Fordham ; Annex, Bedford Park.                        | 100 | Westchester Turnpike, near Classon Point Road.  |
| 27  | 206 E. 42d St.                             |     |  | 101 | Matilda St., bet. Kossuth and W'chester Aves., Wakefield.   |
| 28  | 257 W. 40th St.                            |     |  | 102 | Main & Orchard Sts., City Isl.  |
| 29  | Alb., Wash., & Carlisle Sts.               |     |  | 103 | 119th St. and Madison Ave.  |
| 30  | 88th St., bet. 2d and 3d Aves.             | 65  | Locust Ave., West Farms.   |     |   |
| 31  | 200 Monroe St.                             | 66  | Church St. and Weber s Lane, Kingsbridge.                                |     |   |
| 32  | 357 W. 35th St.                            | 67  | 114-124 W. 45th St.  |     |   |
| 33  | 418 W. 28th St.                            | 68  | 116 W. 128th St.   |     |   |
| 34  | 108 Broome St.                             | 69  | 125 W. 54th St.  |     |   |
| 35  | 160 Chrystie St.                           | 70  | 209 E. 75th St.  |     |   |
| 36  | 710 E. 9th St.                             | 71  | 188-192 7th St.  |     |   |
| 37  | 119 E. 87th St.                            | 72  | Lexington Ave., nr. 105th St.  |     |   |
| 38  | 8 Clarke St.                               | 73  | 209 East 46th St.  |     |   |
| 39  | 235 E. 125th St. ; Annex, 230 E. 125th St. | 74  | 220 E. 63d St.   |     |   |

## PRIMARY SCHOOLS.

|     |                                |     |  |     |   |
|-----|--------------------------------|-----|--|-----|---|
| 104 | 413 E. 16th St.                | 129 | 433 E. 19th St.  | 151 | 91st St. and 1st Ave.                                   |
| 106 | 269 E. 4th St.                 | 130 | 143 Baxter St.   | 152 | Union Ave. and 149th St.                                |
| 107 | 222 Mott St.                   | 131 | 272 2d St.   | 153 | Andrews and Burnside Aves.                              |
| 108 | 274 W. 10th St.                | 132 | 182d St. and Wadsworth Ave.                              | 154 | St. Ann's Ave., bet. 147th and 148th Sts.               |
| 109 | 64 Mott St.                    | 133 | Fox, Simpson, and 167th Sts.                             | 155 | Anthony Ave., bet. Tremont and Popham Place.            |
| 110 | 1913 2d Ave.                   | 134 | 233 Pearl St.  | 156 | Trinity Ave. and 135th St.                              |
| 111 | 28 Cannon St.                  | 135 | 51st St. and 1st Ave.                                    | 157 | St. Nicholas Ave. & 127th St.                           |
| 112 | 31 Vestry St.                  | 136 | 68 Monroe St.  | 158 | Ave. A, bet. 77th and 78th Sts.                         |
| 113 | 85 Roosevelt St.               | 137 | Essex Market, Grand & Essex.                             | 159 | 119th St., bet. 2d and 3d Aves.                         |
| 114 | 11 Downing St.                 | 138 | 11th St. & White Plains Ave., Williamsb'ge, Westchester. | 160 | Rivington and Suffolk Sts.                              |
| 115 | 75 Oliver St.                  | 139 | Pelham Ave., Bronxdale, Westchester.                     | 161 | 105 Ludlow St.  |
| 116 | 501 Courtlandt Ave.            | 140 | 116 Norfolk St.  | 162 | 36 and 33 City Hall Pl.                                 |
| 117 | 215 E. 32d St.                 | 141 | 403 W. 58th St.  | 163 | 509 E. 120th St.  |
| 118 | 170 E. 77th St.                | 142 | 102d St., near 1st Ave.                                  | 164 | 141st St., near Brook Ave.                              |
| 119 | Clinton Ave., Woodlawn.        | 143 | 599 E. 140th St.   | 165 | 108th and 109th Sts., bet. Amsterdam Ave. and Broadway. |
| 120 | 135th St. and 8th Ave.         | 144 | Vacant.  | 166 | 89th St., bet. Amsterdam and Columbus Aves.             |
| 121 | 187 Broome St.                 | 145 | 1787 Weeks St., Mount Hope.                              | 167 | Mott and Walton Aves., 144th and 146th Sts.             |
| 122 | 102d St., bet. 2d and 3d Aves. | 146 | Spynten Duyvil.  | 168 | Audubon Ave., bet. 168th and 169th Sts.                 |
| 123 | 9th St. and 1st Ave.           | 148 | 5th Ave., near Kingsbridge Road, Eastchester.            |     |   |
| 124 | 263 W. 124th St.               | 149 | 184 Cherry St.   |     |   |
| 125 | 31 Horatio St.                 | 150 | 318 E. 96th St. ; Annex, 310 E. 96th St.                 |     |   |
| 126 | 180 Wooster St.                |     |  |     |   |
| 127 | 536 E. 12th St.                |     |  |     |   |
| 128 | 517 W. 37th St.                |     |  |     |   |
| 129 | 179 E. 124th St.               |     |  |     |   |

School-houses in process of erection: 168, 104th and 105th Sts., bet. 1st and 2d Aves. ; 170, 111th and 112th Sts., bet. 5th and Lenox Aves ; 173, 183d St., bet. Beaumont and Cambreling Aves. ; 174, Attorney St., bet. Rivington and Stanton Sts., 177, Market and Monroe Sts.

## EVENING HIGH SCHOOLS.

67 | 120 W. 46th St. | 20 | Rivington & Forsythe. | 50 | 211 E. 20th St. | 103 | 119th St. and Madison Ave.

## EVENING SCHOOLS FOR MALES.

|    |                          |    |                               |    |                               |
|----|--------------------------|----|-------------------------------|----|-------------------------------|
| 1  | 30 Vandewater St.        | 43 | 129th St. & Amsterdam Ave.    | 40 | 23d St., near 2d Ave.         |
| 7  | Hester and Chrystie Sts. | 23 | Stanton St., cor. Sheriff St. | 58 | 52d St., near 8th Ave.        |
| 38 | 8 Clarke St.             | 83 | 216 E. 110th St.              | 62 | 157th St. and Courtlandt Ave. |
| 39 | 235 E. 125th St.         | 79 | 42 1st St.                    | 70 | 209 E. 75th St.               |
| 15 | 212 W. 13th St.          | 25 | 330 5th St.                   | 75 | 25 Norfolk St.                |
| 32 | 357 W. 35th St.          | 54 | 104th St. & Amsterdam Ave.    | 77 | 85th St. and 1st Ave.         |

## EVENING SCHOOLS FOR FEMALES.

| No. | Location.                     | No. | Location.                             | No. | Location.                                   |
|-----|-------------------------------|-----|---------------------------------------|-----|---|
| 2   | 116 Henry St.                 | 19  | 14th St., near 1st Ave.               | 62  | 157th St. and Courtlandt Ave.               |
| 3   | King St., near Macdougall St. | 13  | 23 <sup>d</sup> E. Houston St.        | 93  | 93d St. and Amsterdam Ave.                  |
| 7   | 18 <sup>th</sup> 7th St.      | 57  | 1. E. 114th St.                       | 42  | Hester St., between Orchard and Ludlow Sts. |
| 23  | 303 Rivington St.             | 59  | E. 57 <sup>th</sup> St., near 3d Ave. | 92  | 154 Broome St.                              |
| 2   | Mulbert an.: Bayard Sts.      | 49  | 37th St., near 2d Ave.                |     |   |
| 4a  | 24th St. near 8th Ave.        | 1   | 33 <sup>d</sup> W 47th St.            |     |   |

**BOYS' HIGH SCHOOL.**  
60 West 131st Street.

**GIRLS' HIGH SCHOOL.**  
3<sup>e</sup> East 12th Street.

**MIXED HIGH SCHOOL.**  
157th Street and 3d Avenue.

**NORMAL COLLEGE,**  
PARK AVE., CORNER EAST SIXTY-EIGHTH ST.

**COLLEGE OF THE CITY OF NEW YORK**  
TWENTY-THIRD ST. AND LEXINGTON AVE.

## Fire Engine Companies, Manhattan and Bronx Boroughs

## ENGINE COMPANIES.

|                                |                             |                                      |  |
|--------------------------------|-----------------------------|--------------------------------------|--|
| 1-165 W. 29th St.              | 21-216 E 40th St.           | 41-2801 3d Ave.                      | 57-Castle Garden (Fire Boat).            |
| 2-630 W. 43d St.               | 22-159 E. 85th St.          | 42-Fulton Ave., n.167th St.          | 58-81 W. 115th St.                       |
| 3-417 W. 17th St.              | 23-235 W. 58th St.          | 43-Et 3d St., E. R. (Fire Boat).     | 59-18 W. 137th St.                       |
| 4-11 <sup>o</sup> Maiden Lane. | 24-78 Morton St.            | 44-221 E. 75th St.                   | 60-606 E. 137th St.                      |
| 5-34 E. 14th St.               | 25-343 5th St.              | 45-Tremont Av., n. Daly.             | 61-Main St., Westchester                 |
| 6-30 Cedar St.                 | 26-220 W. 37th St.          | 46-E. 176th, n. Park Ave.            | 62-61 White Plains Ave., Williamsbridge. |
| 7-2 Chambers St.               | 27-173 Franklin St.         | 47-W. 113th St., near Amsterdam Ave. | 63-Wakefield.                            |
| 8-16 E. 51st St.               | 28-604 E. 11th St.          | 48-2504 Webster Ave.                 | 64-Unionport.                            |
| 9-5 E. Broadway.               | 29-160 Chambers St.         | 49-Blackwell's Island.               | 65-33 W. 43d St.                         |
| 10-Stone St.                   | 30-253 Spring St.           | 50-E. 166th St., n. 3d Ave.          | 66-Ft. Grand St., E. R. (Fire Boat).     |
| 11-42 E. Houston St.           | 31-Elm, cor. White St.      | 51-Ft. W. 13th St. (Fire Boat).      | 67-170th St., near Audubon Ave.          |
| 12-261 William St.             | 32-10 <sup>o</sup> John St. | 52-Riverdale Ave.                    | 68-1116 Ogden Ave.                       |
| 13-9 <sup>o</sup> Wooster St.  | 33-4 Great Jones St.        | 53-177 E. 104th St.                  | 69-233d St., near Katonah Ave.           |
| 14-14 E. 18th St.              | 34-44 W. 33d St.            | 54-304 W. 47th St.                   | 70-Scofield Ave., City Island.           |
| 15-269 Henry St.               | 35-223 E. 119th St.         | 55-363 Broome St.                    |  |
| 16-223 E. 25th St.             | 36-1349 Park Ave.           | 56-120 W. 83d St.                    |  |
| 17-91 Ludlow St.               | 37-83 Lawrence St.          |                                      |  |
| 18-1 2 W. 10th St.             | 38-1007 Amsterdam Ave.      |                                      |  |
| 19-355 W. 25th St.             | 39-159 E. 67th St.          |                                      |  |
| 20-47 Marion St.               | 40-W. 68th, n. Broadway     |                                      |  |

**HOOK AND LADDER COMPANIES:** 1-26 Chambers 2-126 E. 50th. 3-108 E. 13th 4-788 8th Ave. 5-96 Charles. 6-77 Canal. 7-217 E. 28th. 8-7 North Moore. 9-209 Elizabeth. 10-191 Fulton. 11-742 5th St. 12-243 W. 20th. 13-159 E. 87th. 14-12<sup>o</sup> E. 125th. 15-Old Slip, near Water. 16-159 E. 67th. 17-E. 143d, near 3d Ave. 18-84 Attorney. 19-866 Forest Ave. 20-157 Mercer 21-432 W. 36th. 22-766 Amsterdam Ave. 23-504 W. 140th.

## Railroad Passenger Stations in Manhattan Borough.

|   |  |
|---|--|
| Baltimore & Ohio, foot of Whitehall and Liberty Streets.  | New York Central & Hudson River, 42d St. and 4th Ave.; Harlem, 125th St.; Mott Haven, 138th St.; 10th Ave. and 30th St.; Manhattan, 125th St.; 152d St.; Harlem Division, 4th Ave. and 42d, 86th, 110th, 125th, 138th, and 133d Streets. |
| Central of New Jersey, foot of Whitehall and Liberty Streets; New Jersey Southern Division (in Summer), foot of Rector Street also. | New York, New Haven & Hartford, 4th Avenue and 42d Street.   |
| Delaware, Lackawanna & Western, foot of Barclay and Christopher Streets.  | New York, Ontario & Western, foot of Franklin and West 42d Streets.  |
| Erie, foot of Chambers and West 23d Streets.  | New York, Susquehanna & Western, foot of Cortlandt, Desbrosses, and West 23d Streets.  |
| Lehigh Valley, foot of Cortlandt, Desbrosses, and West 23d Streets.   | Northern of New Jersey, foot of Chambers and West 23d Streets.   |
| Long Island, foot of James Slip and East 34th St.   | Old Colony, Grand Central Depot or via Fall River Line, foot of Murray Street.   |
| Atlantic Avenue Branch, junction of Flatbush and Atlanti. Avenues, Brooklyn.  | Pennsylvania, foot of Cortlandt, Desbrosses, and West 23d Streets.   |
| Manhattan Beach Division, foot of James Slip and East 34th Street.  | Philadelphia & Reading, foot of Whitehall and Liberty Streets.   |
| New Jersey & New York, foot of Chambers and West 23d Streets.   | Staten Island, foot of Whitehall Street.   |
| New York & Long Branch, foot Liberty, Whitehall, Cortlandt, Desbrosses, and West 23d Streets In Summer, foot Rector Street also.    | West Shore, foot of Franklin and West 42d Streets.   |
| New York & Rockaway Beach, foot of James Slip and East 34th St. Also Flatbush Ave., Brooklyn.                                       |  |

## Police Station-Houses in Manhattan and Bronx.

## PRECINCT AND LOCATION.

|   |                                       |   |
|---|---------------------------------------|---|
| 1st. Old Slip and Front Street.                     | 15th. 79 1st Avenue.                  | 30th. 134 W. 100th Street.                    |
| 2d. Liberty and Church Streets.                     | 16th. 25 Mercer Street.               | 31st. 438 W. 125th Street.                    |
| 3d. City Hall.                                      | 17th. 23 <sup>e</sup> W. 20th Street. | 32d. 148 E. 126th Street.                     |
| 4th. Brooklyn Bridge Arch.                          | 18th. 327 E. 22 <sup>e</sup> Street.  | 33d. Amsterdam Avenue, cor. 152d Street.      |
| 5th. 9 Oak Street.                                  | 19th. 137 W. 30th Street.             | 34th. High Bridge.                            |
| 6th. 19 Elizabeth Street.                           | 20th. 434 W. 37th Street.             | 35th. Alexander Avenue, cor. E. 138th Street. |
| 7th. 24 <sup>th</sup> Madison Street.               | 21st. 160 E. 35th Street.             | 36th. 160th Street, cor. 3d Avenue.           |
| 8th. 19 Leonard Street.                             | 22d. 547 W. 47th Street.              | 37th. 1925 Bathgate Avenue.                   |
| 9th. 135 Charles Street.                            | 23d. Grand Central Station.           | 38th. Town Hall, Westchester.                 |
| 10th. 24 Macdougall Street.                         | 24th. 163 E. 51st Street.             | 39th. Wakefield.                              |
| 11th. 205 Mulberry Street.                          | 25th. 153 E. 67th Street.             | 40th. 6 Kingsbridge Road.                     |
| 12th. 105 Eldridge Street.                          | 26th. 150 W. 68th Street.             | 41st. Bronx Park.                             |
| 13th. Attorney and Delancey Sts.                    | 27th. Central Park, Arsenal.          | 42d. Pier A, North River.                     |
| 14th. Union Market, E. Houston and Sheriff Streets. | 28th. 432 E. 88th Street.             |   |
|   | 29th. 104th Street, near 3d Avenue.   |   |

## Clubs in Manhattan Borough.

PRINCIPAL CLUBS AND CLUB-HOUSES. SEE ALSO "SOCIETIES IN MANHATTAN BOROUGH."

| NAME OF CLUB.                      | Organized. | Club-House.                                   | MEMBERSHIP. |               |                 |               | INITIATION FEE. |               | ANNUAL DUES. |               | Secretary.            |
|------------------------------------|------------|---|-------------|---------------|-----------------|---------------|-----------------|---------------|--------------|---------------|-----------------------|
|                                    |            |   | LIMIT.      |               | PRESENT NUMBER. |               | Resident.       | Non-Resident. | Resident.    | Non-Resident. |                       |
|                                    |            |   | Resident.   | Non-Resident. | Resident.       | Non-Resident. |                 |               |              |               |                       |
| Aldine.....                        | 1889       | 111 Fifth Ave.....                            | 500         | 100           | 400             | 52            | \$100           | \$50.00       | \$75.00      | \$25.00       | Wm. E. Pulsifer.      |
| American Yacht.....                | 1883       | Milton Point, Rye, N. Y.                      | 300         | ....          | 250             | ....          | 100             | ....          | 40.00        | ....          | T. L. Scovill.        |
| Arlon.....                         | 1864       | Park Ave. & 69th St.                          | 1,100       | ....          | 1,100           | ....          | 25              | ....          | 40.00        | ....          | C. Schiettinger.      |
| Arkwright.....                     | 1893       | 320 Broadway.....                             | 700         | None.         | 644             | 81            | 50              | 20.00         | 50.00        | 20.00         | Ed. E. Huber.         |
| Army and Navy.....                 | 1875       | 16 W. 31st St.                                | None.       | None.         | 200             | 1,200         | 25              | None.         | 30.00        | 5.00          | Willoughby Weston.    |
| Authors.....                       | 1882       | 7th Ave. c. W. 56th St.                       | None.       | None.         | 160             | ....          | 25              | 25.00         | 20.00        | ....          | Rosster Johnson.      |
| Barnard.....                       | 1894       | W. 56th St. & 7th Ave.                        | ....        | ....          | 619             | 37            | 25              | 20.00         | 10.00        | ....          | Edward L. Farris.     |
| Calumet.....                       | 1879       | 267 Fifth Ave.....                            | ....        | None.         | 900             | 200           | None.           | None.         | 75.00        | ....          | Charles C. Bull.      |
| Catholic.....                      | 1871       | 120 Central Park South                        | 1,000       | ....          | 700             | 187           | *               | None.         | 50.00        | ....          | Charles Murray.       |
| Century Association.....           | 1847       | 7 W. 43d St.                                  | 1,900       | 300           | 1,016           | 187           | 150             | 100.00        | 60.00        | 30.00         | Henry E. Howland.     |
| City.....                          | 1892       | 19 W. 34th St.                                | ....        | ....          | 600             | ....          | (b) 50          | 15.00         | 50.00        | 15.00         | James W. Pryor.       |
| Colonial.....                      | 1889       | B'way & W. 72d St.                            | 1,000       | None.         | 900             | 100           | 100             | 50.00         | 70.00        | 35.00         | John H. Judge.        |
| Coney Island Jockey.....           | 1879       | 173 Fifth Ave.....                            | 600         | ....          | 600             | ....          | 50              | 50.00         | 25.00        | 25.00         | Cornelius Fellows.    |
| Congregational.....                | 1879       | No Club-House.....                            | 200         | None.         | 180             | 5             | 5               | None.         | 10.00        | None.         | Chas. L. Beckwith.    |
| Corsinthian Yacht.....             | 1886       | Tompkinsville, S. I.                          | 100         | ....          | 99              | ....          | 50              | ....          | 25.00        | ....          | J. B. Miley.          |
| Craftsman's.....                   | 1894       | 17 E. 22d St.                                 | 500         | None.         | 250             | 40            | None.           | None.         | 15.00        | 8.00          | G. W. Arnold.         |
| Democratic.....                    | 1871       | 617 Fifth Ave.....                            | 3,000       | None.         | 2,200           | 350           | 100             | 25.00         | 50.00        | 20.00         | Wm. E. Wyatt.         |
| Deutscher Press.....               | 1885       | 21 City Hall Place.                           | ....        | ....          | 110             | ....          | 10              | ....          | 20.00        | ....          | Gustav Schoch.        |
| Downtown Ass'n.....                | 1860       | 60 Pine St.                                   | 1,000       | None.         | 1,000           | 83            | 150             | 75.00         | 50.00        | 25.00         | Wm. R. Stewart.       |
| Drug Trade.....                    | 1894       | 100 William St.                               | 300         | None.         | 225             | 52            | 25              | 5.00          | 40.00        | 10.00         | Harry Hall.           |
| Engineers.....                     | 1885       | 374 Fifth Ave.....                            | 1,000       | ....          | 416             | 101           | 50              | 25.00         | 50.00        | 25.00         | O. F. Nichols.        |
| German Leidenkrantz.....           | 1871       | 111 W. 26th St.                               | None.       | ....          | 1,176           | 405           | 20              | ....          | 40.00        | ....          | R. F. Lang.           |
| Grolier.....                       | 1888       | 29 E. 32d St.                                 | 250         | 125           | 250             | 125           | 50              | 25.00         | 30.00        | 15.00         | Thos. G. Evans.       |
| Hardward.....                      | 1892       | 253 Broadway.....                             | 600         | 300           | 600             | 137           | 50              | 50.00         | 50.00        | 25.00         | Jas. H. Kennedy.      |
| Harlem.....                        | 1886       | Lenox Ave. & 123d St.                         | None.       | None.         | 250             | 50            | None.           | None.         | 50.00        | None.         | William D. Pack.      |
| Harlem Democratic.....             | 1882       | 106 W. 126th St.                              | None.       | None.         | 400             | ....          | 10              | ....          | 10.00        | ....          | John G. Iheban.       |
| Harlem Republican.....             | 1887       | 145 W. 125th St.                              | None.       | None.         | 250             | 10            | 10              | 5.00          | 20.00        | 16.00         | S. A. Safford.        |
| Harmonie.....                      | 1867       | 45 W. 42d St.                                 | 650         | ....          | 650             | ....          | 200             | ....          | 125.00       | ....          | E. E. Wise.           |
| Harvard.....                       | 1868       | 27 W. 44th St.                                | None.       | None.         | 910             | 410           | 10              | 10.00         | 10.20        | 10.00         | Waiter Alexander.     |
| Hudson Boat.....                   | 1878       | Footh W. 127th St.                            | ....        | ....          | 84              | 12            | ....            | ....          | 18.00        | 2.00          | James K. Waterhouse.  |
| Jockey.....                        | 1894       | 173 Fifth Ave.....                            | 50          | None.         | 50              | None.         | 100             | ....          | 100.00       | ....          | F. K. Sturgis.        |
| Knickerbocker.....                 | 1871       | 319 Fifth Ave.....                            | 450         | None.         | ....            | ....          | 300             | ....          | 100.00       | ....          | Jas. W. Appleton.     |
| Knickerbocker Yacht.....           | 1881       | College Point, L. I.                          | None.       | ....          | ....            | ....          | 20              | ....          | 12.00        | ....          | J. O. Siskinson.      |
| Lambs.....                         | 1874       | 70 W. 26th St.                                | 335         | 98            | 400             | 150           | 1200            | 100.00        | 150.00       | 25.00         | John Drew.            |
| Lawyers.....                       | 1887       | 120 Broadway.....                             | 1,200       | None.         | 1,200           | 273           | None.           | None.         | 100.00       | 50.00         | Geo. T. Wilson.       |
| Lincoln.....                       | 1872       | 12 E. 8th St.                                 | None.       | None.         | 400             | None.         | None.           | None.         | 12.00        | 12.00         | Alex. H. Reid.        |
| Lotus.....                         | 1875       | 588 Fifth Ave.....                            | 600         | None.         | 585             | 341           | ....            | ....          | 75.00        | 30.00         | Chester S. Lord.      |
| Manhattan.....                     | 1865       | 26th St. & Madison Ave                        | 1,500       | ....          | 700             | 600           | 250             | 250.00        | 100.00       | 25.00         | David B. Gilbert.     |
| Manhattan Chess.....               | 1877       | 105 E. 22d St.                                | None.       | None.         | 207             | None.         | 10              | 10.00         | 20.00        | 10.00         | Gustave Simonson.     |
| Merchants.....                     | 1871       | 108 Leonard St.                               | 350         | None.         | 350             | 20            | 100             | ....          | 75.00        | 75.00         | Frederick S. Wells.   |
| Metropolitan.....                  | 1891       | Fifth Ave. cor. 60th St.                      | 1,200       | 500           | 900             | 156           | 300             | 100.00        | 300.00       | 50.00         | Wm. W. Sherman.       |
| New Commercial.....                | 1895       | 90 W. Broadway.....                           | 400         | ....          | ....            | ....          | 25              | 15.00         | 50.00        | 15.00         | James C. Harvey.      |
| New York.....                      | 1848       | 36th St. & Fifth Ave.                         | 500         | None.         | 400             | 200           | 100             | 50.00         | 75.00        | 37.50         | Howell H. Barnes.     |
| N. Y. Athletic.....                | 1898       | Central Park South                            | 3,000       | 500           | 2,650           | 450           | 100             | 50.00         | 50.00        | 25.00         | Chas. L. Burnham.     |
| N. Y. Caledonian.....              | 1856       | 846 Seventh Ave.....                          | None.       | None.         | 550             | None.         | 5               | ....          | 3.00         | ....          | James Morrison.       |
| N. Y. Press.....                   | 1871       | 24 W. 26th St.                                | None.       | None.         | 530             | 40            | 25              | 10.00         | 20.00        | 10.00         | Wm. S. Quigley.       |
| N. Y. Railroad.....                | 1877       | 12 W. 31st St.                                | None.       | None.         | 850             | ....          | None.           | None.         | 2.00         | 2.00          | W. W. Wheatley.       |
| N. Y. Scottish.....                | 1886       | 941 Fifth Ave.....                            | 250         | ....          | 100             | ....          | ....            | ....          | 2.00         | ....          | John Duncan.          |
| N. Y. Turn Verein.....             | 1850       | 64th St. & Lex. Ave.                          | None.       | None.         | 679             | ....          | 5               | 5.00          | 12.00        | 12.00         | F. Buchner.           |
| N. Y. Yacht.....                   | 1844       | 67 Madison Ave. (s.)                          | None.       | None.         | 1,400           | ....          | 100             | ....          | 50.00        | ....          | J. V. S. Oddie.       |
| Players.....                       | 1888       | 16 Gramercy Park.                             | 500         | ....          | 422             | 468           | 100             | 50.00         | 40.00        | 20.00         | Charles E. Carryl.    |
| Progress.....                      | 1864       | Cor. 5th Ave. & 64th St.                      | 550         | ....          | 475             | 25            | 100             | 100.00        | 100.00       | 50.00         | Chas. M. Eisig.       |
| Quill.....                         | 1888       | No Club-House.....                            | 200         | ....          | 200             | ....          | 5               | ....          | 12.00        | ....          | F. H. Marling.        |
| Racquet and Tennis.....            | 1878       | 27 W. 43d St.                                 | 800         | 200           | 650             | 100           | 200             | 200.00        | 100.00       | 50.00         | H. C. Vortimer.       |
| Reform.....                        | 1888       | 233 Fifth Ave.....                            | None.       | 2,000         | 498             | 1,852         | 25              | None.         | 40.00        | 10.20         | Edwin Baldwin.        |
| Republican.....                    | 1879       | 450 Fifth Ave.....                            | 900         | None.         | 536             | 162           | 50              | 25.00         | 25.00        | 12.50         | Alfred E. Ommen.      |
| Saint Nicholas.....                | 1875       | 7 W. 44th St.                                 | 400         | ....          | 250             | 25            | 100             | 50.00         | 75.00        | 37.50         | C. S. Van Rensselaer. |
| Salmagundi.....                    | 1871       | 14 W. 24th St.                                | None.       | None.         | 251             | 62            | 25              | 25.00         | 25.00        | 10.00         | J. A. Thompson.       |
| Seawanhaka - Corinthian Yacht..... | 1871       | { 19 E. 22d St. and }<br>{ Ocean Bay, L. I. } | 500         | None.         | 484             | ....          | 50              | ....          | 50.00        | ....          | Chas. J. Stevens.     |
| Transportation.....                | 1895       | Madison Ave. & 42d St.                        | 400         | 400           | 296             | 341           | 50              | 50.00         | 40.00        | 20.00         | John Carstensen.      |
| Turf and Field.....                | 1892       | 173 Fifth Ave.....                            | ....        | ....          | ....            | ....          | ....            | ....          | ....         | ....          | Amos T. French.       |
| Underwriters.....                  | 1896       | 73 William St.                                | 500         | None.         | 470             | 85            | 25              | 5.00          | 25.00        | 5.00          | Harry Hall.           |
| Union.....                         | 1836       | Fifth Ave. & 21st St.                         | 1,437       | None.         | 1,389           | ....          | 300             | ....          | 75.00        | ....          | Franklin Bartlett.    |
| Union League.....                  | 1863       | 39th St. & Fifth Ave.                         | 1,800       | ....          | 1,691           | 109           | 500             | ....          | 75.00        | 45.00         | Geo. S. Terry.        |
| University.....                    | 1865       | Fifth Ave. cor. 54th St.                      | 1,700       | 1,300         | 1,647           | 1,223         | 200             | 100.00        | 75.00        | 35.00         | H. D. Auchincloss.    |
| West End.....                      | 1885       | Amsterdam Av. & 81st St.                      | 300         | 100           | 200             | 50            | 75              | 50            | 75.00        | 50            | M. S. Mannes.         |
| Wool.....                          | 1894       | B'way & Beach St.                             | 450         | ....          | 400             | 180           | 50              | 15.00         | 50.00        | 10.00         | John P. Faure.        |

\* Initiation fee, \$50; members under twenty-five years of age, \$25. † Report of January 1, 1895. ‡ Initiation fee for professionals, \$50; dues, \$25. (a) After May 1, 1900, 37 West Forty-fourth Street. Rendezvous at Bay Ridge, L. I. (b) Initiation fee suspended until 150 members are enrolled. No initiation fee when applicant is under thirty years of age.

The returns in this table are of January 1, 1900, approximately.

## Public Buildings in Manhattan Borough.

- |   |  |
|---|--|
| <p>Army Building, Whitehall and Pearl Streets.<br/>Assay Office, 30 Wall Street.<br/>Barge Office, foot of Whitehall Street.<br/>City Hall, City Hall Park.<br/>County Court-House, Chambers St., near B'way.<br/>Criminal Court Building, Centre and Franklin Sts.<br/>Custom-House, Wall and William Streets.</p> | <p>Jefferson Market Court, 6th Ave. and 10th Street.<br/>Ludlow Street Jail, near Grand Street.<br/>Post-Office, Broadway and Park Row.<br/>Register's Office, City Hall Park.<br/>State Arsenal, 7th Avenue and 35th Street.<br/>Sub-Treasury, Wall and Nassau Streets.<br/>Tombs, Centre and Franklin Streets.</p> |
|---|--|

## Hack and Cab Fares in Manhattan Borough.

**RATES REGULATED BY LAW.**—The city ordinance regulating the rates which may be charged customers by cabmen is as follows; distance is computed at twenty blocks to a mile north and south, and seven blocks to a mile east and west:

**SEC. 434.** The price or rates of fare to be asked or demanded by the owners or drivers of hackney coaches or cabs shall be as follows:

### Cabs.

1. For conveying one or more persons any distance, sums not exceeding the following amount: Fifty cents for the first mile or part thereof; and each additional half mile or part thereof, twenty-five cents. By distance, for "stops" of over five minutes and not exceeding fifteen minutes, twenty-five cents. For longer stops, the rate will be twenty-five cents for every fifteen minutes or fraction thereof, if more than five minutes. For a brief stop, not exceeding five minutes in a single trip, there will be no charge.

2. For the use of a cab, by the hour, with the privilege of going from place to place and stopping as often and as long as may be required, one dollar for the first hour or part thereof; and for each succeeding half-hour or part thereof, fifty cents, if agreed upon in advance, otherwise mileage rate will apply.

### Coaches.

3. For conveying one or more persons any distance, sums not exceeding the following amounts: One dollar for the first mile or part thereof; and each additional half-mile or part thereof, fifty cents. By distance, for "stops" of over five minutes and not exceeding fifteen minutes, forty cents. For longer stops, the rate will be forty cents for every fifteen minutes. For a brief stop, not exceeding five minutes in a single trip, there will be no charge.

4. For the use of a coach, by the hour, with the privilege of going from place to place and stopping as often and long as may be required, one dollar and fifty cents for the first hour or part thereof; and for each succeeding half-hour or part thereof, seventy-five cents, if agreed upon in advance.

5. No cab or coach shall be driven by the time rate at a pace less than five miles an hour.

6. Line balls, two passengers, two dollars for first mile or part thereof; one dollar for each additional mile; fifty cents for each additional passenger.

7. Every owner or driver of any hackney coach or cab shall carry on his coach or cab one piece of baggage, not to exceed fifty pounds in weight, without extra charge; but for any additional baggage he may carry he shall be entitled to extra compensation at the rate of twenty-five cents per piece.

**SEC. 436.** All disputes as to prices or distance shall be settled by the Mayor's Marshal or the police.

**SEC. 437.** In all cases where the hiring of a hackney coach or a cab is not at the time thereof speci-

fied to be by the hour, it shall be deemed to be by the mile; and for any detention, exceeding fifteen minutes, when so working by the mile, the owner or driver may demand at the rate of one dollar per hour.

**SEC. 444.** There shall be fixed in each hackney coach or cab, in such a manner as can be conveniently read by any person riding in the same, a card containing the name of the owner of said carriage, the number of his license, and the legal rates as specified in section 434 of this article printed in plain, legible characters, under a penalty of arrest, said section to be provided by the License Bureau in pamphlet or card form, and to be furnished free to the owner of such hackney coach or cab, and such card shall be fastened to the back of each cab or coach, on the inside thereof, at least two feet above the seat, or it shall be hung to or from a suitable fastening fixed in the back of each cab or coach and be plainly visible.

**SEC. 449.** Any person or persons who shall violate any or either of the provisions of above sections of this article shall be liable to a penalty of ten dollars.

Complaints for violations of the above ordinances may be made at the office of the Mayor's Marshal, Room 1, City Hall.

The following table of distances is published by the Mayor's Marshal:

**FROM SOUTH FERRY to Wall Street, one-half mile, to City Hall, one mile; to Canal Street, one and one-half miles; to Houston Street, two miles; to 4th Street, two and one-quarter miles; to 14th Street, two and three-quarter miles; to 24th Street, three and one-quarter miles; to 37th Street, four miles; to 42d Street, four and one-quarter miles; to 62d Street, five and one-quarter miles; to 82d Street, six and one-quarter miles; to 102d Street, seven and one-quarter miles; to 122d Street, eight miles.**

**EAST AND WEST, FROM BROADWAY to East River, across 14th Street, one mile; to East River, across 23d Street, one mile; to East River, across 34th Street, seven-eighths of a mile; to East River, across 42d Street, one mile; to East River, across 59th Street, one and one-quarter miles; to North River, across 14th Street, one and one-quarter miles; to North River, across 23d Street, one and one-eighth miles; to North River, across 34th Street, one and one-quarter miles; to North River, across 42d Street, one mile; to North River, across 59th Street, seven-eighths of a mile.**

## Public Porters.

**EVERY Public Porter** must wear, in a conspicuous position, a badge bearing the number of his license, and is not entitled to receive any pay for services unless such a badge is worn, and if he shall demand a greater sum for his services than accords with the rates below, he shall not be entitled to any pay for the service.

Any Public Porter may decline to carry any article, if the distance he shall be required to go shall be more than two miles.

Public Porters shall be entitled to charge and receive for the carrying or conveyance of any article, any distance within half a mile, twenty-five cents if carried by hand, and fifty cents if carried on a wheelbarrow or hand-cart: if the distance exceeds half a mile and is within a mile, one-half of the above rates in addition thereto, and in the same proportion for any greater distance.

## Height of Prominent Points in Manhattan and Bronx Boroughs.

|  | Feet Above<br>Sea Level. |  | Feet Above<br>Sea Level. |
|--|--------------------------|--|--------------------------|
| Battery.....                               | 5                        | Reservoir, Central Park (water level)..... | 112                      |
| City Hall.....                             | 36                       | Morningside Park.....                      | 132                      |
| Fifth Avenue Hotel.....                    | 38                       | Boulevard and 118th Street.....            | 135                      |
| Central Park Plaza, 59th St. and 5th Ave.. | 47.5                     | Kingsbridge Road and 176th Street.....     | 200                      |
| Mount Morris.....                          | 100                      | Washington Bridge Road and 184th St...     | 250                      |
| Central Park Circle.....                   | 76.5                     |  |                          |

**Libraries in Manhattan and Bronx Boroughs.**

Agular Free Library, 113 E. 59th St., 176 E. 110th St., 197 E. B'way, 616 5th St.—Except Sat., 9 to 9.  
 American Institute, 111 W. 38th St.—Open 9 A.M. to 6 P.M.; \$10 initiation fee and \$5 per annum.  
 American Museum of Natural History, Central Park W., cor. W. 77th St.  
 American Numismatic and Archeological Society, 17 W. 43d St.  
 Astor, 40 Lafayette Pl., free.—Open, except Sundays and holidays, in Summer, 9 A.M. to 5 P.M.; Winter, 9 A.M. to 4 P.M.  
 Benjamin & Townsend, ft. E. 26th St.—Open daily, 9 A.M. to 5 P.M.; Saturday, 9 A.M. to 12 M.  
 Broome St., 395 Broome St., free.—Open Tuesdays, Wednesdays, and Fridays, 4 to 9 P.M.  
 Bryson, W., 120th St., nr. Boulevard.—Open 8.30 A.M. to 5 P.M.; Saturday 9 A.M. to 1 P.M.  
 Cathedral, 123 E. 50th St.—Open 9 A.M. to 9 P.M. City, 12 City Hall, free.—Open 10 A.M. to 4 P.M.  
 College Settlement Ass'n, 95 Livingston St.—Open on Wednesday from 3.30 to 5 P.M. and 7.30 to 9 P.M.; on Saturday 10 A.M. to 12 noon.  
 Columbia University, W. 116th & Amsterdam Ave. Cooper Union, 8th St. & 4th Ave.—8 A.M. to 10 P.M.  
 De Witt Memorial, 286 Livingston St.—Open daily (except Sunday) from 3 to 8 P.M.  
 Harlem, 32 W. 123d St.—Open 9 A.M. to 9 P.M.  
 Historical Society, 170 2d Ave.—Open 9 A.M. to 6 P.M., except during August and on holidays.  
 Huntington Free Library, Westchester Ave., Westchester.—Open daily, except Sunday, 9 A.M. to 10 P.M.; on Sundays from 2 to 9 P.M.  
 Kingsbridge Free, Riverdale Ave., Kingsbridge.—Open daily from 3 P.M. to 9.30 P.M.  
 Law Institute, 116 P-O. Bldg.—9 A.M. to 10 P.M.  
 Law Library of Equitable Life Assurance Society, 120 Broadway.—Open 9 A.M. to 7 P.M.  
 Lenox, 895 5th Ave.—Open 9 A.M. to 6 P.M.  
 Loan Libraries for Ships, 76 Wall St.  
 Masonic, 75 W. 23d St.—Open 7 to 10.30 P.M.  
 Maimonides, 723 Lexington Ave.—Open 9 A.M. to 9 P.M.; Sat., 7 to 10 P.M.; Sun., 9 A.M. to 4 P.M.  
 Mechanical Engineers', 12 W. 31st St.—Open daily, except Sundays, 10 A.M. to 10 P.M.  
 Mechanics and Tradesmen's Free, 18 E. 16th St.—Open daily from 8 A.M. to 8 P.M.

Mercantile, Astor Place, 426 5th Ave., 120 B'way.—Open 8.30 A.M. to 6 P.M. Rates: Clerks, \$4 per annum; others, \$5.  
 Metropolitan Museum of Art, Central Pk. & E. 82d St.  
 Mott Memorial Free Medical, 64 Madison Ave.—Open 10 A.M. to 5 P.M.  
 New York Free Circulating, 49 Bond St., 135 2d Ave., 251 W. 13th St., 215 E. 34th St., 226 W. 42d St., 18 E. 125th St., 1523 2d Ave., 130 W. 28d St., 261 W. 69th St., 206 W. 100th St.—Open 9 A.M. to 9 P.M.; Sundays, 4 to 9 P.M.  
 New York Library, Astor, Lenox, and Tilden Foundations.—40 Lafayette Pl., 895 5th Ave.  
 N. Y. Port Soc., 46 Catharine St.—9 A.M. to 10 P.M.  
 New York Society, 107 University Place.—Open 9 A.M. to 6 P.M. Reading Room open 9 A.M. to 9 P.M.  
 Olivet Memorial, 59 2d St.—Open 8 A.M. to 9 P.M.  
 Produce Exchange.—Open 9 A.M. to 4 P.M.  
 Protestant Episc. Ch. Mission Society for Seamen, 21 Coenties Slip.  
 Riverdale, Riverdale.—Open Mon., Wed., Fri., Sat., 8 to 10 P.M.; Wed. and Fri., 2 to 4 P.M.  
 St. Agnes' Free, 121 W. 91st St.—10 A.M. to 12 M. and 4 to 6 P.M.; on Tues. and Sat., 8 to 9 P.M.  
 St. Aloysius', 208 E. 4th St.—Open Tuesdays and Thursdays from 7.30 to 9 P.M.  
 St. Barnabas', 35 Bleeker St.—Open 7 to 10 P.M.  
 Seamen's, 34 Pike St., free.—Open 10 A.M. to 10 P.M.  
 University Law and Pedagogy, University Bldg., Washington Sq. E.—Open 9 A.M. to 9 P.M.  
 University Settlement, 184 Eldridge St.—Open daily from 1.30 to 10 P.M.  
 Washington Heights, Amsterdam Ave., near 156th St., free.—Open 9 A.M. to 12 M. and 1.30 to 9 P.M., except Sundays and holidays.  
 Webster, ft. E. 76th St.—Open 2 to 10 P.M.  
 Woman's Library, 9 E. 8th St.—Open 9 A.M. to 4 P.M.; \$1.50 per annum.  
 Young Men's Christian Ass'n, 62 E. 23d St., 153 Bowers, 140 2d Ave., 129 Lexington Ave., 5 W. 125th St., 361 Madison Ave., 531 W. 155th St., 4 W. Boulevard, 318 W. 57th St., 158 E. 87th St., 4 W. 29th St., 222 Bowers, 49 W. 24th St.—Open 8.30 A.M. to 10 P.M.; Sundays 2 to 10 P.M.; \$5 per annum.  
 Young Women's Christian Ass'n, 7 E. 15th St.—Open 9 A.M. to 9.15 P.M., Sundays excepted.

**Mayors of the City of New York.**

BEFORE the Revolution, the Mayor was appointed by the Governor of the Province of New York; and from 1784 to 1820 he was appointed by the Appointing Board of the State of New York, of which the Governor was the chief member. From 1820 to the amendment of the Charter, in 1830, the Mayor was appointed by the Common Council.

| MAYORS.                       | Terms.    | MAYORS.                       | Terms.    | MAYORS.                         | Terms.    |
|-------------------------------|-----------|-------------------------------|-----------|---------------------------------|-----------|
| 1 Thomas Willett.....         | 1665      | 32 Jacobus van Cortlandt..... | 1719-1720 | 53 Robert H. Morris.....        | 1841-1844 |
| 2 Thomas Delavall.....        | 1666      | 33 Robert Walters.....        | 1720-1725 | 54 James Harper.....            | 1844-1845 |
| 3 Thomas Willett.....         | 1667      | 34 Johannes Jansen.....       | 1725-1735 | 55 Wm. F. Havemeyer.....        | 1845-1846 |
| 4 Cornelis Steenwyck.....     | 1668-1670 | 35 Robert Lutting.....        | 1735-1735 | 56 Andrew H. Mickle.....        | 1845-1847 |
| 5 Thomas Delavall.....        | 1671      | 36 Paul Richard.....          | 1735-1739 | 57 William V. Brady.....        | 1847-1848 |
| 6 Matthias Nicolls.....       | 1672      | 37 John Cruger, Sr.....       | 1739-1744 | 58 Wm. F. Havemeyer.....        | 1848-1849 |
| 7 John Lawrence.....          | 1673      | 38 Stephen Bayard.....        | 1744-1747 | 59 Caleb S. Woodhull.....       | 1849-1851 |
| 8 William Dervill.....        | 1675      | 39 Edward Holland.....        | 1747-1757 | 60 Ambrose C. Kingsland.....    | 1851-1853 |
| 9 Nicholas de Meyer.....      | 1676      | 40 John Cruger, Jr.....       | 1757-1766 | 61 Jacob A. Westervelt.....     | 1853-1855 |
| 10 S. van Cortlandt.....      | 1677      | 41 Whitehead Hicks.....       | 1766-1776 | 62 Fernando Wood.....           | 1855-1858 |
| 11 Thomas Delavall.....       | 1678      | 42 David Matthews, Tory.....  | 1776-1784 | 63 Daniel F. Tiemann.....       | 1858-1860 |
| 12 Francis Rombouts.....      | 1679      | 43 James Duane.....           | 1784-1789 | 64 Fernando Wood.....           | 1860-1862 |
| 13 William Dyre.....          | 1680-1681 | 44 Richard Varick.....        | 1789-1801 | 65 George Opydke.....           | 1862-1864 |
| 14 Cornelis Steenwyck.....    | 1682-1683 | 45 Edward Livingston.....     | 1801-1803 | 66 C. Godfrey Gunther.....      | 1864-1866 |
| 15 Gabriel Minville.....      | 1684      | 46 De Witt Clinton.....       | 1803-1807 | 67 John T. Hoffman.....         | 1866-1868 |
| 16 Nicholas Bayard.....       | 1685      | 47 Marinus Willett.....       | 1807-1808 | 68 T. Coman (act'g Mayor).....  | 1868      |
| 17 S. van Cortlandt.....      | 1686-1687 | 48 De Witt Clinton.....       | 1808-1810 | 69 A. Oakey Hall.....           | 1869-1872 |
| 18 Peter Delany.....          | 1689-1690 | 49 Jacob Radcliff.....        | 1810-1811 | 70 Wm. F. Havemeyer.....        | 1873-1874 |
| 19 John Lawrence.....         | 1691      | 50 De Witt Clinton.....       | 1811-1815 | 71 S. B. H. Vance (Acting)..... | 1874      |
| 20 Abraham de Peyster.....    | 1692-1695 | 51 John Ferguson.....         | 1815      | 72 William H. Wickham.....      | 1875-1876 |
| 21 William Merritt.....       | 1695-1698 | 52 Jacob Radcliff.....        | 1815-1818 | 73 Smith Ely.....               | 1877-1878 |
| 22 Johannes de Peyster.....   | 1698-1699 | 53 Cadwallader D. Colden..... | 1818-1821 | 74 Edward Cooper.....           | 1879-1880 |
| 23 David Provost.....         | 1699-1700 | 54 Stephen Allen.....         | 1821-1824 | 75 William R. Grace.....        | 1881-1882 |
| 24 Isaac de Riemer.....       | 1700-1701 | 55 William Paulding.....      | 1825-1826 | 76 Franklin Edson.....          | 1882-1884 |
| 25 Thomas Noell.....          | 1701-1702 | 56 Philip Hone.....           | 1826-1827 | 77 William R. Grace.....        | 1885-1886 |
| 26 Philip French.....         | 1703-1705 | 57 William Paulding.....      | 1827-1829 | 78 Abram S. Hewitt.....         | 1887-1888 |
| 27 William Peartree.....      | 1703-1707 | 58 Walter Bowne.....          | 1829-1833 | 79 Hugh J. Grant.....           | 1889-1892 |
| 28 Ebenezer Wilson.....       | 1707-1710 | 59 Gideon Lee.....            | 1833-1834 | 80 Thomas F. Gilroy.....        | 1892-1894 |
| 29 Jacobus van Cortlandt..... | 1710-1711 | 60 Cornelius W. Lawrence..... | 1834-1837 | 81 William L. Strong.....       | 1895-1897 |
| 30 Caleb Heathcote.....       | 1711-1714 | 61 Aaron Clark.....           | 1837-1839 | 82 Robert A. Van Wyck.....      | 1898-1901 |
| 31 John Johnson.....          | 1714-1719 | 62 Isaac L. Varian.....       | 1839-1841 |                                 |           |

**Markets in Manhattan Borough.**

Catharine, foot of Catharine Street, East River.  
Centre, Centre Street, bet. Grand and Broome Streets.  
Clinton, bounded by Spring, Canal, West, and Washington Streets.  
Farmers', Gansevoort and West Streets.  
Fulton, bounded by Beekman, Fulton, South, and Front Streets.

Fulton Fish, South Street, opp. Fulton Market.  
Jefferson, Greenwich Avenue and 6th Avenue.  
Tompkins, 3d Avenue, bet. 6th and 7th Streets.  
Union, East Houston and Columbia Streets.  
Washington, bounded by Washington, West, Vesey, and Fulton Streets.  
West Washington, bounded by West, Washington, and Gansevoort Streets.

**Monuments and Statues in Manhattan Borough.**

ARTHUR, CHESTER A., Madison Square.  
BARTHOLDI STATUE, see "Liberty," below.  
BRETHOVEN, bronze bust, on a granite pedestal, 15 ft. high, Central Park on the Mall; unveiled 1884.  
BOLIVAR, equestrian statue of Simon Bolivar, the South American soldier and statesman, West 81st St. entrance to Central Park.  
BURNS, bronze statue, Central Park, on the Mall; unveiled 1880.  
CERVANTES, bust of Cervantes, author of "Don Quixote," in Central Park.  
COLUMBUS, marble statue, in Central Park; unveiled 1892.  
COMMERCE, bronze figure, Central Park, near the 8th Ave. and 59th St. entrance; unveiled 1865.  
CONKLING, bronze statue, Madison Square Park, cor. Madison Ave. and 23d St.  
COOPER, PETER, statue in park opposite Cooper Union.  
COX, bronze statue of the statesman S. S. Cox, erected by the letter-carriers, Astor Place.  
DE PEYSTER, Abraham, statue in Bowling Green Park.  
DODGE, bronze statue of William E. Dodge, at Broadway, 6th Ave., and 26th St.; unveiled 1885.  
ERICSSON, statue of the inventor, on the Battery.  
FARRAGUT, bronze statue, Madison Square Park, near 5th Ave. and 26th St.  
FRANKLIN, bronze statue, Printing House Square; unveiled 1872.  
GARIBALDI, bronze statue, Washington Square; unveiled 1888.  
GRANT, ULYSSES S., tomb, Riverside Drive and 133d St.; 160 feet high; dedicated April 27, 1897.  
GREELEY, bronze statue, at the front entrance of the *Tribune* Office; unveiled 1890.  
GREELEY, Greeley Square, 33d St. and Broadway.  
HALE, bronze statue of Nathan Hale, the martyr spy of the Revolution; City Hall Park, near Broadway and Mail St.; erected by the Sons of the Revolution in 1893.  
HALLECK, bronze statue, Central Park, on the Mall; unveiled 1877.  
HAMILTON, granite statue of Alexander Hamilton, Central Park, on the East Drive, above the Metropolitan Museum of Art.  
HANCOCK, in Hancock Square, St. Nicholas Ave. and W. 124th St.  
HEINE, poet, Lorelei Fountain, Mott Ave. and 161st St.  
HOLLEY, bronze bust of Alexander Holley, Washington Square; unveiled 1890.  
HUMBOLDT, bronze bust, Central Park, near the 5th Ave. and 59th St. entrance.  
HUNT, RICHARD M., Memorial, 5th Ave., opposite Lenox Library.  
INDIAN HUNTER, bronze figure, Central Park, near lower entrance to the Mall.

IRVING, bronze bust, Bryant Park, on W. 40th St.; unveiled 1866.  
LAFAYETTE, bronze statue, Union Square, lower end of Park; unveiled 1876.  
LIBERTY ENLIGHTENING THE WORLD, on Liberty Island, in the Harbor, copper statue, on granite and concrete pedestal; statue, 151 feet high; pedestal, 155 feet high; total height above low-water mark, 305 feet 11 inches; unveiled 1886.  
LINCOLN, bronze statue, Union Square, southwest corner; unveiled 1868.  
MARTYRS' MONUMENT, Trinity Churchyard, in memory of the American soldiers and sailors who died in the British prison ships in the Revolutionary War.  
MAZZINI, bronze bust, Central Park, on the West Drive.  
MOORE, bronze bust of Thomas Moore, the poet, Central Park, near the Pond and 5th Ave. entrance; unveiled 1880.  
MORSE, bronze statue of the inventor of the telegraph, Central Park, near 5th Ave. and 72d St. entrance; unveiled 1871.  
OBELISK, Central Park, near the Metropolitan Museum of Art; brought from Egypt, and erected 1877; it is of granite, 70 feet long, and weighs 200 tons.  
SCHILLER, bronze bust, Central Park, in the Ramble; unveiled 1859.  
SCOTT, bronze statue of Sir Walter Scott, Central Park, on the Mall; unveiled 1872.  
SEVENTH REGIMENT, bronze figure of a soldier of this regiment, to commemorate its dead in the Civil War, Central Park, on the West Drive; unveiled 1874.  
SEWARD, bronze statue, southwest corner of Madison Square Park; unveiled 1878.  
SHAKESPEARE, bronze statue, Central Park, at the lower end of the Mall; unveiled 1872.  
SIMS, bronze statue of Dr. Marion Sims, Bryant Park, north side.  
STUYVESANT, marble effigy of Gov. Peter Stuyvesant, in the outer wall of St. Mark's Church.  
THE PILGRIM, bronze statue, Central Park, near E. 72d St. entrance.  
THORWALDSEN, bronze statue, 59th St., facing 6th Ave.  
WASHINGTON, bronze equestrian statue, Union Square, southeast side.  
WASHINGTON, bronze statue, at the entrance to the Sub-Treasury Building, Wall St.; unveiled 1883.  
WASHINGTON MARBLE ARCH, Washington Square, at the foot of 5th Ave.  
WEBSTER, bronze statue, Central Park, on the West Drive, near 72d St.  
WORTH, granite shaft, in honor of Major-General Worth, U. S. A., at Broadway, 5th Ave., and 25th St.; unveiled 1857.

**Population of New York.**

GROWTH OF THE CITY SINCE ITS EARLIEST DAYS.

|           |        |           |         |           |           |           |            |
|-----------|--------|-----------|---------|-----------|-----------|-----------|------------|
| 1653..... | 1,120  | 1786..... | 23,688  | 1855..... | 252,028   | 1880..... | 1,206,299  |
| 1661..... | 1,743  | 1790..... | 33,131  | 1840..... | 312,710   | 1890..... | 1,515,301  |
| 1673..... | 2,500  | 1800..... | 60,489  | 1845..... | 358,310   | 1892..... | 1,801,639  |
| 1686..... | 4,455  | 1805..... | 75,587  | 1850..... | 515,547   | 1893..... | 1,891,306  |
| 1781..... | 8,258  | 1810..... | 96,378  | 1855..... | 629,904   | 1897..... | 1,957,294  |
| 1780..... | 10,000 | 1818..... | 100,619 | 1860..... | 813,669   | 1898..... | *2,350,000 |
| 1756..... | 10,530 | 1820..... | 123,706 | 1865..... | 726,836   | 1899..... | *2,549,558 |
| 1771..... | 21,865 | 1825..... | 166,136 | 1870..... | 942,292   | 1900..... | *3,590,906 |
| 1774..... | 22,861 | 1830..... | 202,589 | 1875..... | 1,041,856 |           |            |

\* Including all the boroughs.



# Militia in Manhattan Borough.

515

## HEADQUARTERS NATIONAL GUARD, STATE OF NEW YORK,

(Temporary) Stewart Building, 280 Broadway, Manhattan Borough.

**Commander**.....Major-General Chas. F. Roe.  
**Assistant Adjutant-General**.....Lieut.-Col. S. H. Olin  
**Commissary**.....Lieut.-Col. Gilford Hurry  
**Judge-Advocate**.....Lieut.-Col. Wm. W. Ladd, Jr.  
**Engineer**.....Lieut.-Col. John Bogart

**Quartermaster**.....Lieut.-Col. John I. Holly  
**Aides-de-Camp**—Maj. J. B. Holland, L. M. Greer,  
 Charles F. Van Benthuysen.

**First Brigade.**—Headquarters, Central Park West and 59th Street, Manhattan Borough.  
**Commander**.....Brigadier-General McCoskry Butt.  
**Assist. Adj.-General**.....Lieut.-Col. Fred'k H. Fisherer  
**Surgeon**.....Col. Nelson H. Henry  
**Quartermaster**.....Maj. Francis T. Underhill  
**Inspector Rifle Practice**.....Maj. William M. Kirby  
**Engineer**.....Maj. Frank B. Keech

**Judge-Advocate**.....Maj. Herbert Parsons  
**Inspector**.....Maj. Newbold Morris  
**Commissary**.....Maj. Robert T. Varnum  
**Aide-de-Camp**.....Capt. James W. Gerard, Jr.

| NAME OF REGIMENT OR BATTERY. | Armory.                    | NUMERICAL STRENGTH.    |      | Colonel.                          | Lieutenant-Colonel.  | Major.          |
|------------------------------|----------------------------|------------------------|------|-----------------------------------|----------------------|-----------------|
|                              |                            | Commissioned Officers. | Men. |                                   |                      |                 |
| Ninth.....                   | 125 West 14th St.....      | 42                     | 577  | William F. Morris...              | Thos. B. Rand.....   | Sol. E. Japha.  |
| Twelfth.....                 | Columbus Ave. & 62d St.... | 43                     | 739  | Geo. Rathbone Dyer.               | Franklin Bartlett... | Chas. S. Burns. |
| Twenty-second.               | 67th St. & Broadway.....   | 44                     | 675  | Edward Duffy.....                 | N. B. Thurston.....  | S. F. Hart.     |
| First Battery.....           | 340 West 44th St.....      | 6                      | 85   | Captain Louis Wendel, Commanding. |                      |                 |

**Fifth Brigade.**—Headquarters, Park Ave., corner East Thirty-fourth St., Manhattan Borough.  
**Commander**.....Brigadier-General George Moore Smith.  
**Assistant Adjutant-General**.....Lieutenant-Colonel Thomas J. O'Donohue.

| NAME OF REGIMENT OR BATTERY. | Armory.                    | NUMERICAL STRENGTH.    |       | Colonel.                             | Lieutenant-Colonel. | Major.          |
|------------------------------|----------------------------|------------------------|-------|--------------------------------------|---------------------|-----------------|
|                              |                            | Commissioned Officers. | Men.  |                                      |                     |                 |
| Seventh.....                 | Park Ave. & 67th St.....   | 46                     | 1,004 | D. Appleton.....                     | Wm. H. Kipp.....    | Jas. C. Abrams. |
| Eighth.....                  | Park Ave. & 94th St.....   | 37                     | 531   | Jas. M. Jarvis.....                  | .....               | John G. Kerby.  |
| Sixty-ninth.....             | 3d Ave. & 7th St.....      | 33                     | 519   | Edward Duffy.....                    | .....               | Thos. F. Lynch. |
| Seventy-first.....           | Park Ave. & 34th St.....   | 41                     | 643   | W. G. Bates.....                     | .....               | .....           |
| Second Battery.              | 4th Ave. & 33d St.....     | 6                      | 77    | Captain David Wilson, Commanding.    |                     |                 |
| Squadron A.....              | Madison Ave. & 94th St.... | 16                     | 226   | Major O. B. Bridgman, Commanding.    |                     |                 |
| Signal Corps.....            | Park Ave. & 34th St.....   | 3                      | 45    | Captain Oscar Erlandsen, Commanding. |                     |                 |

Naval Militia of the State of New York, on September 30, 1899, consisted of Captain J. W. Miller, commanding, and Staff of 6 Officers. Headquarters, U. S. S. New Hampshire, foot E. 8th St. 1st Naval Battalion, U. S. S. New Hampshire, 22 officers and 300 men—322; 2d Naval Battalion, headquarters, foot 55th St., Brooklyn, N. Y., 23 officers and 318 men—341; 2d Separate Naval Division, Rochester, N. Y., 4 officers and 86 men—90. Total, 759.

## Piers in Manhattan Borough.

| NORTH RIVER.                   |                       | EAST RIVER.                  |                            |
|--------------------------------|-----------------------|------------------------------|----------------------------|
| Pier No.                       | Street.               | Pier No.                     | Street.                    |
| A, New 1 } & Old 1             | Battery Pl.           | 3 & 4 Moore & Broad.         | Old 24 & 35 Catharine.     |
| Old 2 & 3                      | Battery Pl. & Morris. | 5 Broad & Coenties Slip.     | Old 26 Catharine & Market. |
| Old 4 Morris.                  |                       | 6, 7, & 8 Coenties Slip.     | New 36 Jefferson.          |
| Old 5, 6, } & 7                | Morris & Rector.      | 9 & 10 Coenties & Old Slips. | Old 36 Market & Catharine. |
| Old 8 Rector.                  |                       | 11 & 12 Old Slip.            | 38 Market.                 |
| Old 9 & } & 10                 | Rector & Carlisle.    | 13 Old Slip, nr. Wall.       | 39 Market & Pike.          |
| Old 11 Carlisle.               |                       | 14 Jones Lane.               | 40 Pike.                   |
| Old 12 Albany.                 |                       | 15 & 16 Wall.                | 42 Pike & Rutgers.         |
| Old 13 Albany & Cedar.         |                       | 17 Pine.                     | 43 & 44 Rutgers.           |
| New 13 Cortlandt & Dey.        |                       | 18 Maiden Lane.              | 45 Rutgers & Jefferson.    |
| Old 14 Cedar.                  |                       | 19 Fletcher.                 | 50 Montgomery.             |
| New 14 Fulton.                 |                       | 20 & 21 Burling Slip.        | 46 Jefferson.              |
| Old 15 Liberty.                |                       | 22 Fulton.                   | 47 Jefferson & Clinton.    |
| New 15 } bet. Vesey & Barclay. |                       | 23 Beekman.                  | 48 Clinton.                |
| Old 16 } Liberty & Cortlandt.  |                       | 24 Beekman & Peck Slip.      | 49 Clinton & Montgomery.   |
| Old 17 Cortlandt.              |                       | 25 & 26 Peck Slip.           | 52 Gouverneur.             |
| New 18 Murray.                 |                       | 27 Dover.                    | 53 Jackson.                |
| New 19 Warren.                 |                       | 28 Dover & Roosevelt.        | 54 Corlears.               |
| New 20 Chambers.               |                       | 29 Roosevelt.                | 55 Cherry.                 |
| New 21 Duane.                  |                       | New 29 Market.               | 56 & 57 Broome.            |
| New 22 Jay.                    |                       | 30 Roosevelt & James Slip.   | 58 & 59 Delancey.          |
| New 23 Harrison.               |                       | 31 James Slip.               | 60 Rivington.              |
| New 24 Franklin.               |                       | Old 32 James Slip.           | 61 Rivington & Stanton.    |
| New 25 North Moore.            |                       | New 32 Pike.                 | 62 Stanton.                |
| New 26 Beach.                  |                       | New 33 Oliver.               |                            |
| Old 26 Barclay & Park Pl.      |                       |                              |                            |
| Old 27 Park Pl.                |                       |                              |                            |
| New 27 Hubert.                 |                       |                              |                            |
| New 28 Laight.                 |                       |                              |                            |
| New 29 Vestry.                 |                       |                              |                            |
| New 30 Vestry.                 |                       |                              |                            |
| New 31 Watts.                  |                       |                              |                            |
| New 32 Canal.                  |                       |                              |                            |

### RECREATION PIERS.

Foot of E. 3d.      Foot of Barrow.  
 Foot of E. 24th.      Foot of W. 50th.  
 Foot of E. 112th      Foot of W. 129th.

## Parks in Manhattan and Bronx Boroughs.

HEADQUARTERS, THE ARSENAL, CENTRAL PARK.

Battery, foot of Broadway.  
Bowling Green, foot of Broadway.  
Bronx, on Bronx River, north of Kingsbridge Road, east of Southern Boulevard. Zoological Garden, Bryant, between 5th and 6th Aves. and W. 40th and W. 42d Sts.  
Cedar, bounded by Sedgwick Ave., Juliet St., Walton and Mott Aves.  
City Hall Park, Broadway, Mail St., Park Row, and Chambers St.  
Claremont, bounded by Elliott and Walnut Sts., Anthony and Fleetwood Aves., in the 24th Ward.  
Corlears Hook, bounded by Corlears, Jackson, Cherry and South Sts.  
Crotona, east of 3d Ave., south of Tremont Ave. and 175th St., east of Boston Road and north of the 33d Ward line.  
East River Park, between Ave. B and East River and north of E. 84th St.  
Hamilton Fish Park, Houston and Willett Sts.  
Highbridge Park, bounded by Harlem River, Amsterdam Ave., W. 170th and W. 175th Sts.  
Hulson Park, bounded by Hudson, Leroy, and Clarkson Sts.

The new parks laid out in the Twenty-third and Twenty-fourth Wards contain 1,351.40 acres. The total area of parks and parkways recently acquired north of the Harlem River is 3,343.39 acres. The cost was \$9,969,603.04.

The Speedway (Harlem River Drive), approach at 155th St., 2 1-5 miles long. Cost to January 1, 1900, \$3,025,000, exclusive of value of the ground.

CENTRAL PARK.

The great park of New York extends from 59th St. to 110th St., being over  $2\frac{1}{2}$  miles long, and from 5th Ave. to 8th Ave., being over half a mile wide. It covers 832 acres, of which 185 are in lakes and reservoirs and 400 in forest, wherein over half a million trees and shrubs have been planted. There are 9 miles of roads,  $\frac{5}{8}$  of bridle paths, and 28 $\frac{1}{2}$  of walks. The landscape architects of the Park were Frederick Law Olmsted and Calvert Vaux. Public park carriages can be found (except in Winter) at the entrances on 5th Ave. and 8th Ave. The fare for an extended ride through the Park is 25 cents. Work was begun on the Park in 1857. The following fanciful names have been officially applied to the several entrances to the Park: 5th Ave. and 59th St., Scholar's Gate; 6th Ave. and 59th St., Artist's Gate; 7th Ave. and 59th St., Artisan's Gate; 8th Ave. and 59th St., Merchant's Gate; 8th Ave. and 72d St., Woman's Gate; 8th Ave. and 81st St., Hunter's Gate; 8th Ave. and 85th St., Mariner's Gate; 8th Ave. and 96th St., Gate of All Saints; 8th Ave. and 100th St., Boy's Gate; 8th Ave. and 110th St., Stranger's Gate; 5th Ave. and 67th St., Student's Gate; 5th Ave. and 72d St., Children's Gate; 5th Ave. and 79th St., Miner's Gate; 5th Ave. and 90th St., Engineer's Gate; 5th Ave. and 96th St., Woodman's Gate; 5th Ave. and 102d St., Girl's Gate; 5th Ave. and 110th St., Pioneer's Gate; 6th Ave. and 110th St., Farmer's Gate; 7th Ave. and 110th St., Warrior's Gate.

FACTS ABOUT PUBLIC PARKS.

Union Square was purchased by the city in 1833 for \$116,051; Madison Square, in 1847, for \$65,952; Tompkins Square, in 1834, for \$93,358; Washington Square, in 1827, for \$77,370, and Manhattan Square, in 1839, for \$54,657. The latter is assessed as a part of Central Park. The other four are assessed at over \$16,000,000, and are easily worth \$20,000,000, while their original cost to the city was only \$553,331. Prospect Park, Brooklyn, contains 515 1-6 acres. In woodland, 110 acres; in lakes and watercourses, 77 acres; in meadows, 70 acres; in plantations, 259 1-6 acres; in drives, 9 miles; in bridle roads, 3 1-10 miles; in walks, 12 miles. Ocean Parkway is 5 1-2 miles long and 210 feet wide. Eastern Parkway is 2 1-2 miles long and 210 feet wide. London has 271 public parks, containing 17,876 acres of ground. The largest European city park is in Denmark; it contains 4,200 acres. The great forest of Northern New York covers an area of 3,538,803 acres. The Adirondack Park, or proposed reservation, includes 2,807,760 acres. The lands within the park line have been carefully classified, lot by lot, with the following result: Primeval forest, 1,575,483 acres; lumbered forest, 1,027,955; denuded, 50,050; burned, 13,430; waste, 18,526; water, 57,104; wild meadows, 495; improved, 64,717.

## Pawnbrokers' Regulations in the City of New York.

PAWNBROKERS in New York City are regulated by statute. The rate of interest fixed by law is 3 per cent a month or any fraction of a month for the first six months, and 2 per cent per month for each succeeding month upon any loan not exceeding \$100, and 2 per cent a month for the first six months and 1 per cent a month for each succeeding month on any loan exceeding \$100. Pledges cannot be sold until after they have been kept one year, and then at public auction by a licensed auctioneer, after publication of at least six days in two daily newspapers designated by the Mayor. Pawnbrokers pay a license fee of \$500 to the city and are under the direct control of the Mayor and his Marshal. Their books must be kept open to the Mayor, Criminal Courts, Magistrates, and Police.

## PROVIDENT LOAN SOCIETY, 279 FOURTH AVE., BRANCH 186 ELDRIDGE ST.

Office hours: 9 A. M. to 5 P. M.; Saturday to 6 P. M. Ticket good for one year only. Loans may be paid by instalments, in sums not less than \$1. Rate of interest: One per cent per month, or any fraction thereof. Only one-half month interest charged on all loans redeemed within two weeks after date of pledge. Condition of loan: Agreed to by the holder of the ticket in consideration of interest being charged at less than the rate allowed by law. The Provident Loan Society of New York shall not be liable for loss or damage by fire, breakage, dampness, theft, or moths; nor shall it be liable in any event for more than 25 per cent in addition to the amount loaned.

The loan may be renewed at or before maturity on payment of the full amount of interest due, accompanied by the ticket. When making payment by instalment, the full amount of interest due on the sum loaned must be included, and the ticket must be returned. The interest due on the loan cannot be paid by instalment. The Society has thus far limited the classes of personal property on which it has made loans to clothing and so-called "jewelry," including under that designation all articles of gold or silver, precious stones, opera-glasses, eye-glasses, etc.

**Post-Office—Manhattan Borough, New York City.**

*NOTICE*—Care should be taken when addressing mail matter for delivery in New York City to designate the borough thereon, as many of the streets in the different boroughs bear the same name.

CORNELIUS VAN COTT, Postmaster; EDWARD M. MORGAN, Assistant-Postmaster; EDWARD S. POST, Second Assistant-Postmaster.

**OFFICES AND OFFICE HOURS.****SECOND FLOOR.**

**Postmaster.**—Room 1, south end. Office hours, 9 A. M. to 3 P. M.  
**Assistant-Postmaster.**—Room 2, Broadway side. Office hours, 9 A. M. to 4 P. M.  
**Superintendent City Delivery.**—Room 5, Park Row side. Office hours, 9 A. M. to 4 P. M.  
**Auditor.**—Room 9, Park Row side. Office hours, 9 A. M. to 4 P. M.  
**Cashier.**—Rooms 21 and 23, Park Row side. Office hours, 10 A. M. to 3 P. M.  
**Money-Orders.**—Superintendent of Department, Room 42, City Hall side. Office hours, 9 A. M. to 5 P. M. Domestic Money-Orders, Rooms 40 and 41, City Hall side. Office hours, 9 A. M. to 5 P. M.  
**Inquiry Office for Missing Letters, etc.**—Room 14, Broadway side. Office hours, 9 A. M. to 4 P. M.  
**Superintendent of Railway Mail Service.**—Fifth floor, City Hall side. Office hours, 9 A. M. to 4 P. M.

**MEZZANINE FLOOR.**

First landing at the head of main stairway, south end of building.

**Order Department of Instruction.**—Room 11, Park Row side. Office hours, 9 A. M. to 4 P. M.  
**Assistant Custodian.**—An officer of the Treasury Department in charge of the building and watch. Room 9, Park Row side. Office hours, 9 A. M. to 4 P. M.

**Registered Letters and Parcels Department.**—Windows for reception, Rooms 4 and 6, Broadway side. Office hours, 8 A. M. to 6 P. M. Windows for Delivery, Rooms 4 and 6, Broadway side. Office hours, 9 A. M. to 6 P. M.

[All offices on the Second and Mezzanine Floors are closed on Sundays, and at 10 A. M. on holidays. No Money-Order or Registry business transacted on these days.]

**ENTRANCE FLOOR.**

**Superintendent of Mails.**—Sec. 18, Park Row side. Office hours, 9 A. M. to 4 P. M.  
**Bureau of Information.**—South end (Retail Stamp Window).  
**Bank Window.**—Sec. 11, Park Row side.  
**Poste Restante.**—A to I Window, sec. 5, Park Row side; I to Z Window, sec. 5, Park Row side; Advertis'd Letter Window, sec. 6, Park Row side; Foreign Letter Window, sec. 7, Park Row side; Ladies' Window, sec. 8, Park Row side.  
**Foreign Supplementary Mail Window.**—Sec. 16, Park Row side.  
**Superintendent Foreign Mail Department.**—Sec. 18, Park Row side.  
**Superintendent Carriers' Department.**—General P. O. District, sec. 12, Park Row side.  
**Postage Stamps, etc.**—Stamped envelopes and newspaper wrappers and postal cards. Sales in sums over \$5: Windows 1 and 2, sec. 19, Broadway side, and 6 and 9, south end. Sales in sums of less than \$5: Windows 3, 4, and 5, secs. 17 and 18, Broadway side; windows 7 and 8, sec. 3, south end, and sec. 15, Park Row side.

**OPEN ALWAYS.**

**Superintendent Outgoing Domestic Letter Mails Department.**—Sec. 17, Broadway side.  
**Superintendent General Post-Office Delivery Department.**—Sec. 9, Park Row side.

**Mail in Quantities.**—For New York City delivery, received at Window 10, Broadway side. For letters for outgoing domestic mails, received at Window 13, Broadway side. For letters for foreign countries, received at Window 16, Park Row side. Circulars received at Window 12, Broadway side. Mail in quantities must be assorted by States by the sender before mailing.

**Delivery for Newspaper Exchanges.**—Sec. 12, Park Row side.  
**Drops.**—For outgoing domestic mails, sec. 15, Park Row side, and secs. 12, 13, 14, 15, Broadway side. For New York City delivery, sec. 10, Park Row side, and sec. 11, Broadway side. For foreign countries, sec. 17, Park Row side, and sec. 16, Broadway side.

**Lock-Boxes.**—South end and Broadway side. Lock-boxes for newspaper exchanges, Park Row side.

On general holidays, viz.: January 1, February 12, 22, May 30, July 4, Labor Day, Election Day, Thanksgiving Day, December 25, and such days as the President of the United States, or the laws, or Governor of the State may designate as holidays, fast, and thanksgiving days, all mails are closed at 10 A. M., and only such carrier deliveries are made as may have been previously announced.

**BRANCH POST-OFFICES IN MANHATTAN AND BRONX BOROUGHS.**

**A,** 149 Prince St., cor. West Broadway.  
**B,** 280 Grand St., near Suffolk St.  
**C,** 589 Hudson St., cor. Bethune St.  
**D,** 25 and 27 Third Ave., near Eighth St.  
**E,** 110-114 West 32d St., near Sixth Ave.  
**F,** 399 and 401 Third Ave., near 23d St.  
**G,** 1648 Broadway, cor. 51st St.  
**H,** Lexington Ave., cor. 44th St.  
**I,** Columbus Ave., cor. 105th St.  
**J,** 213 West 125th St., near Seventh Ave.  
**K,** 203 East 86th St., near Third Ave.  
**L,** 141 East 125th St., cor. Lexington Ave.  
**M,** 1965 Amsterdam Ave., bet. 157th and 158th Sts.  
**N,** Broadway, cor. 69th St.  
**O,** 72 Fifth Ave., cor. 13th St.  
**P,** Produce Exchange Building.  
**R,** Third Ave., cor. 150th St. (Morrisania).  
**S,** Broadway, cor. Howard St.  
**T,** 3319 Third Ave., bet. 164th and 165th Sts.  
**U,** Third Ave., cor. 103d St.  
**V,** Southeast cor. West Broadway and Canal St.  
**W,** 498 Columbus Ave., cor. 84th St.  
**X,** 1160 and 1162 Third Ave., near 68th St.  
**Bedford Park,** Southern Boulevard, near Webster Ave.  
**City Island,** Main St. and Fordham Ave.  
**High Bridge,** Sedgewick Ave., near Depot Place.  
**Kingsbridge,** Kingsbridge, near R. R. Station.  
**Madison Square,** 23d St., near Madison Ave.  
**Tremont,** 719 Tremont Ave., between Park and Washington Aves.  
**University Heights,** University of the City of New York.  
**Westchester,** Main St., near West Farms road.  
**Williamsbridge,** White Plains Ave., near Briggs Ave.

[All branch stations are opened on week days from 7 A. M. to 8 P. M., for money-order business from 8 A. M. to 6 P. M., for the registry of letters from 8 A. M. to 8 P. M. On Sundays stations are opened from 9 to 11 A. M., and on holidays from 7 to 10 A. M. No money-order or registry business transacted on Sundays or holidays.]

# 518 Civil Service Rules in the City of New York.

**SYNOPSIS of regulations governing the admission of persons into the civil service of the City of New York.** Information may also be had by applying to the Secretary of Civil Service Commission, Criminal Court Building, New York City.

Under the White Civil Service Law, Chapter 370, Laws of 1899, April 19, the rules apply to all positions in the service of the City of New York except officers elected by the people, all legislative officers and employes, heads of any department, or superintendents, principals, or teachers in public school, academy or college. This requires examinations, wherever practicable, to ascertain the fitness of applicants for appointment to the civil service of said city. The Constitution requires that these examinations shall be competitive, "so far as practicable."

## APPLICATIONS.

Applications of competitors for positions included in Schedules B, C, D, E, and F must be addressed to the Secretary of the Municipal Civil Service Commission, New York City, and for all positions except firemen and park policemen must be accompanied with the following papers:

First—The affidavit of the applicant, showing that he is not less than eighteen years of age and a citizen of the United States, giving his place of residence, with the street and number thereof if any; the place, nature and extent of his education, and of his business training and experience, and stating whether he has ever been in the civil service of the City of New York, or in the military or naval service of the United States, and if so, when and where.

Second—A statement whether such application is limited to any particular office or offices in the service.

Third—The certificate of four reputable persons of the City of New York, that they have been personally acquainted with the applicant for at least one year, and believe him to be of good moral character, of temperate and industrious habits, and in all respects fit for the service he wishes to enter, and that each of them is willing that such certificate should be published for public information and will upon request give such further information concerning the applicant as he may possess.

The requirements as to citizenship and certificates of character, in case of persons applying for positions under Schedules E and F and the requirements as to citizenship in case of persons applying for positions under Schedule D, may be modified or dispensed with in the discretion of the Civil Service Commission. All applications for examination shall be filed in the office of the Secretary, and all application and other blanks shall be kept at his office, and shall be procurable there only.

Applicants for the following positions must, before being admitted to examination, present satisfactory evidence as to the following facts:

First—If the position to be filled be that of physician, surgeon, medical officer, inspector of vaccination, or sanitary inspector, that the applicant is duly authorized by the laws of the State of New York to practise medicine and surgery.

Second—If the position to be filled be that of chemist or analyzer, that the applicant has received the degree of Bachelor of Sciences, or its equivalent, from some institution duly authorized by law to confer such degree.

In positions where the duties are professional, technical, or expert, the candidates will be required to show what preliminary training or technical education they have undergone to qualify them for such situations before they can be admitted to examination.

In all examinations for professional positions, or positions requiring technical knowledge, no person shall be placed on the eligible list who obtains a rating in technical knowledge of less than 70.

Applications for positions included in Schedule G must be addressed to the "Labor Clerk, etc." For the boroughs of Manhattan, Bronx, and Richmond address "New York."

For the boroughs of Brooklyn and Queens address "Brooklyn."

## CONDUCT OF EXAMINATIONS.

Applicants shall be admitted to examination upon the production of the official notification to appear for that purpose. Each applicant shall receive a number, which shall be indorsed upon his notification when produced, and the notifications so indorsed shall be sealed in an envelope. Each applicant shall sign his examination papers with his number, omitting his name, and the envelope shall not be opened until all the examination papers have been received and the markings and gradings made.

All papers upon which examinations are to be written shall be furnished to the applicants by the examining board and shall bear some suitable official indorsement, stamp, or mark, for the purpose of identifying the same.

All examinations shall be in writing, except such as refer to expertness or physical qualities, and except as herein otherwise provided.

The sheets of questions shall be numbered and shall be given out in the order of their numbers, each, after the first, being given only when the competitor has returned to the examiners the last sheet given to him. In general, no examination shall extend beyond five hours without intermission; and no questions given out at any session, to any candidate, shall be allowed to be answered at another session. Each applicant must complete his examination on the obligatory subjects before taking up any of the optional subjects.

Examiners of persons named for promotion shall personally question them concerning their office work and its purposes, in order to ascertain if they have a general and intelligent knowledge of the business in the department in which they are employed, and may require the persons examined to give a written description of the work done by them and its relation to the duties of others.

Each examiner shall exercise all due diligence to secure fairness and prevent all collusion and fraud in the examinations.

The time allowed for completing the examination shall be announced before the first paper is given out. For the obligatory subjects the examination shall be confined to a single day.

The following municipal departments and offices come under the jurisdiction of the Civil Service rules:

|   |                                  |                                       |  |
|---|----------------------------------|---------------------------------------|--|
| Accounts, Com. of.                              | City Clerk.                      | Education, Dept. of.                  | Public Buildings, Lighting, and Supply Dept. |
| Aldermen, Board of.                             | Civil Service Commission.        | Estimate and Apportionment, Board of. | Public Improvements, Board of.               |
| Armory, Board of.                               | College of the City of New York. | Finance Dept.                         | Police Dept.                                 |
| Assessors, Board of.                            | Correction, Dept. of.            | Fire Dept.                            | President of Borough.                        |
| Aqueduct Commission.                            | Coroners.                        | Health Dept.                          | Rapid Transit Commission.                    |
| Bridges, Dept. of.                              | Council, The.                    | Highways, Dept. of.                   | Sewers, Dept. of.                            |
| Brooklyn Disciplinary Training School for Boys. | Court, City.                     | Jurors, Com. of.                      | Sinking Fund Commission.                     |
| Brooklyn Public Library.                        | Court, City Magistrates.         | Law Dept.                             | Street Cleaning, Dept. of.                   |
| Buildings, Dept. of.                            | Court of General Sessions.       | Mayor's Office.                       | Street Openings, Bureau of.                  |
| Change of Grade Com.                            | Court, Municipal.                | Municipal Statistics, Bureau of.      | Taxes and Assessments, Dept. of.             |
| Charities, Dept. of Public.                     | Court of Special Sessions.       | Parks, Dept. of.                      | Water Supply, Dept. of.                      |
| City Record, Supervisor of the.                 | Docks and Ferries, Dept. of.     | Plumbers, Examining Board of.         |  |
|   | East River Bridge Com.           |                                       |  |

The inspectors of elections and poll clerks are exempt from examination. Special patrolmen, appointed pursuant to section 269 of the New York City Consolidation act, are also exempt.

# Manhattan (Elevated) Railway Company.

OFFICE, 195 BROADWAY, MANHATTAN BOROUGH.

GEORGE J. GOULD, President.  
ALFRED SKITT, Vice-President.

D. W. McWILLIAMS, Secretary and Treasurer.  
W. E. BAKER, General Superintendent.

## MANHATTAN BOROUGH ELEVATED RAILROADS.

(See Maps, pages 548, 549.)

Fare, Five Cents. Children under five years of age, free.

Fare, including transfer on the Manhattan Elevated and Third Avenue surface systems, Eight Cents.

### SECOND AVENUE LINE.

Trains will run between South Ferry and 129th Street daily and Sunday at intervals of 2 to 6 minutes from 5.00 A.M. to 12.43 A.M. midnight. Time, 40 minutes. Transfer to and from Third Avenue Line at Chatham Square. Through trains between Canal and 177th Streets 6.10 and 6.58 A.M. and 5.23 and 6.27 P.M. South Ferry to 129th Street and Second Avenue, 8.81 miles.

#### STATIONS.

|                          |                               |                      |                         |
|--------------------------|-------------------------------|----------------------|-------------------------|
| South Ferry.             | 1st St. and 1st Ave.          | 43d St. and 2d Ave.  | 99th St. and 2d Ave.    |
| Hanover Square.          | 8th St. and 1st Ave.          | 50th St. and 2d Ave. | 111th St. and 2d Ave.   |
| Fulton and Pearl Sts.    | 14th St. and 1st Ave.         | 57th St. and 2d Ave. | 117th St. and 2d Ave.   |
| Franklin Square.         | 19th St. and 1st Ave.         | 65th St. and 2d Ave. | 123rd St. and 2d Ave.   |
| Chatham Square.          | 23d St. bet. 1st and 2d Aves. | 80th St. and 2d Ave. | 127th St. and 2d Ave.   |
| Canal and Allen Sts.     | 34th St. and 2d Ave. branch   | 85th St. and 2d Ave. | 129th St. connects with |
| Grand and Allen Sts.     | to 34th St. Ferry, E. R.      | 92d St. and 2d Ave.  | Suburban Rapid Transit  |
| Rivington and Allen Sts. |                               |                      |                         |

### THIRD AVENUE LINE.

Trains will run daily and Sunday between City Hall and 177th Street at intervals of 3 to 6 minutes from 5.30 A.M. to 12.45 A.M., then every 20 minutes to 5.30 A.M. Trains will run daily and Sunday between South Ferry and 129th Street at intervals of 6 minutes from 5.19 A.M. to 12 midnight, then every 20 minutes to 5.13 A.M. Branch to Grand Central Depot every few minutes from 6 A.M. to 12 P.M. daily. Branch to 34th Street Ferry every few minutes from 5.30 A.M. to 12 P.M. daily. Time between City Hall and 177th Street, 52 minutes; Chatham Square to 129th Street, 33 minutes; South Ferry to 129th Street, 40 minutes. Transfer to and from Second Avenue Line at Chatham Square.

Trains will run daily and Sunday between 129th Street and 177th Street at an interval of 6 minutes from 5 A.M. to 12.45 A.M., then every 15 minutes until 5 A.M. Running time, 17 minutes from 129th Street (Second or Third Avenue) to 177th Street.

129th Street and Third Avenue to 177th Street and Third Avenue, 3.71 miles.

Express trains leave 177th Street for City Hall 6.36 and 3.50 A.M., and from City Hall 5.00 to 6.19 P.M. South Ferry to 129th Street and Third Avenue, 8.53 miles; City Hall to 129th Street and Third Avenue, 7.57 miles.

#### STATIONS.

|                       |                            |                           |                       |
|-----------------------|----------------------------|---------------------------|-----------------------|
| South Ferry.          | 18th St. and 3d Ave.       | 75th St. and 3d Ave.      | 149th St. and 3d Ave. |
| Hanover Square.       | 23d St. and 3d Ave.        | 84th St. and 3d Ave.      | 156th St. and 3d Ave. |
| Fulton and Pearl Sts. | 28th St. and 3d Ave.       | 89th St. and 3d Ave.      | 161st St. and 3d Ave. |
| Franklin Square.      | 34th St. & 3d Ave., branch | 99th St. and 3d Ave.      | 165th St. and 3d Ave. |
| City Hall.            | to 34th St. Ferry, E. R.   | 105th St. and 3d Ave.     | 169th St. and 3d Ave. |
| Chatham Square.       | 42d St. and 3d Ave. branch | 116th St. and 3d Ave.     | Wendover Ave. and 3d  |
| Canal and Bowery.     | to Grand Central Depot.    | 126th St. and 3d Ave.     | Ave.                  |
| Grand and Bowery.     | 47th St. and 3d Ave.       | 129th St. and 3d Ave.     | 174th St. and 3d Ave. |
| Houston and Bowery.   | 53d St. and 3d Ave.        | 133d St. } between Willis | 177th St. and 3d Ave. |
| 9th St. and 3d Ave.   | 59th St. and 3d Ave.       | 135th St. } and Alexander | (Tremont.)            |
| 14th St. and 3d Ave.  | 67th St. and 3d Ave.       | 143d St. } Aves.          |                       |

### SIXTH AVENUE LINE.

Trains will run daily and Sunday between South Ferry and Central Park or Harlem at intervals of 1 1/2 to 4 minutes from 5.30 A.M. to 12 midnight, alternately to 58th Street and 155th Street, and from 12 midnight to 5.30 A.M. every 15 minutes to 155th Street. The 58th Street station closes at midnight. A shuttle train is run between 58th Street and 50th Street station from 8.18 P.M. and 12 midnight, and main line trains after 7.50 P.M. from South Ferry going to 155th Street. The through time from South Ferry to 58th Street is 27 minutes; to 155th Street, 49 minutes. Passengers transferred at 58th Street to Ninth Avenue Line without extra charge. Crosstown (surface) cars run from Grand Central to 42d Street station.

South Ferry to 155th Street and Eighth Avenue, 10.76 miles; South Ferry to 58th Street and Sixth Avenue, 5.18 miles.

#### STATIONS.

|                         |                       |                           |                           |
|-------------------------|-----------------------|---------------------------|---------------------------|
| South Ferry.            | 8th St. and 6th Ave.  | 53d St. and 8th Ave.      | 120th St. and 8th Ave.    |
| Battery Place.          | 14th St. and 6th Ave. | 59th St. and 9th Ave.     | (down track only).        |
| Rector & N. Church Sts. | 18th St. and 6th Ave. | 66th St. & Columbus Ave.  | 125th St. and 8th Ave.    |
| Cortlandt & N. Church.  | 23d St. and 6th Ave.  | 72d St. and Columbus Ave. | 140th St. and 8th Ave.    |
| Park Pl. & Church St.   | 28th St. and 6th Ave. | 81st St. & Columbus Ave.  | 145th St. and 8th Ave.    |
| Chambers & W. Broadway  | 32d St. and 6th Ave.  | 93d St. and Columbus Ave. | 155th St. & 8th Ave. con- |
| Franklin & W. Broadway  | 42d St. and 6th Ave.  | 104th St. & Columbus Ave. | nects with New York       |
| Grand & W. Broadway.    | 50th St. and 6th Ave. | 116th St. and 8th Ave.    | & Putnam Railway.         |
| Bleecker & W. Broadway  | 58th St. and 6th Ave. | 125th St. and 8th Ave.    |                           |

### NINTH AVENUE LINE.

Trains will run daily and Sunday from South Ferry to 135th Street every 4 to 6 minutes, and from 135th Street to South Ferry every 4 to 6 minutes between 5.31 A.M. and 11.15 P.M.; 11.15 P.M. to 5.31 A.M. between South Ferry and 59th Street, 8 to 15 minutes. Time, 24 minutes to 59th Street; 38 minutes to 135th Street.

Passengers transferred at 59th Street to Sixth Avenue Line without extra charge.

Express trains leave 155th Street for Rector Street 7.01 to 9.03 A.M., and Rector Street for 155th Street 2.21 to 6.20 P.M.

South Ferry to 155th Street and Eighth Avenue, 10.07 miles, South Ferry to 59th Street and Ninth Avenue, 5.08 miles.

#### STATIONS.

|                            |                             |                          |                       |
|----------------------------|-----------------------------|--------------------------|-----------------------|
| South Ferry.               | Warren & Greenwich Sts.     | Christopher & Greenwich. | 34th St. and 9th Ave. |
| Battery Place.             | Franklin & Greenwich Sts.   | 14th St. and 9th Ave.    | 42d St. and 9th Ave.  |
| Rector & Greenwich Sts.    | Desbrosses & Greenwich Sts. | 23d St. and 9th Ave.     | 50th St. and 9th Ave. |
| Cortlandt & Greenwich Sts. | Houston & Greenwich Sts.    | 30th St. and 9th Ave.    | 59th St. and 8th Ave. |
| Barclay & Greenwich Sts.   |                             |                          |                       |

## Railroads in Manhattan and Bronx Boroughs.

FARES on all New York car lines Five Cents. Children under five years of age free

Owing to changes being made in motive power and routes of the various lines, the information given is, of course, subject to change.

NOTICE.—Numbers following the names of the different routes indicate the railroad company operating the line, viz.: (1) Metropolitan Street Railway; office, 621 Broadway. (2) Central Park, North and East River Railroad; office, 621 Broadway. (3) Third Avenue Railroad, office, 3d Ave. and 5th St. (4) Dry Dock, East Broadway, and Battery Railroad; office, 605 Grand St. (5) Metropolitan Crosstown Railway; office, 621 Broadway. (6) Christopher and Tenth Street Railroad; office, 170 Christopher St. (7) Central Crosstown Railroad; office, 170 Christopher St. (8) Twenty-third Street Railroad; office, 621 Broadway. (9) Forty-second and Grand Street Ferry Railroad; office, 621 Broadway. (10) Forty-second Street, Manhattanville, and St. Nicholas Avenue Railway; office, 118 E. 42d St. (11) Union Railway, 204 E. 128th St. (12) Westchester Electric R. R. (13) Yonkers Electric R. R.

**Ave. C Line (1).**—Starting from 34th St. and 1st Ave. on 1st Ave. to 23d St., to Ave. A, to 17th St., to Ave. C, to 3d St., to 1st Ave., to Houston St. along Houston St. to West St., along West St. to Chambers St. Ferry. Returning from Chambers St. Ferry on West St. to Charlton St., to Prince St., across Bowery to Stanton St., to Pitt St., to Ave. C, to 15th St., to Ave. A, to 23d St., to 1st Ave., to 24th St.

**Tenth St. Ferry Branch.**—Starting from 10th St. Ferry on 10th St. to Ave. D, to 11th St., to Ave. C, to Pitt St., to Gouverneur St., to Madison St., to Montgomery St. Returning, Montgomery St., to Ridge St., to Houston St., to Ave. C, to 10th St. Ferry.

**Bleecker St. and Brooklyn Bridge (8).**—Starting at 23d St. Ferry, N. R., on 13th Ave. to 14th St., to Hudson St., to Bleecker St., to Wooster St., to Canal St., across Broadway to Elm St. to Read St., to Centre St., to Park Row (Brooklyn Bridge). Returning from Brooklyn Bridge to Centre St., to Leonard St., to Elm St., to Canal St., on Canal St. to Greene St., to Bleecker St., to Macdougall St., to W. 4th St., to W. 12th St., to Hudson St., to 14th St., to 13th Ave., to 23d St. Ferry, N. R.

**Brooklyn Bridge and Union Ferry (8).**—Starting from Brooklyn Bridge on Park Row to Beekman St., to South St., to Fulton Ferry. Returning from Fulton Ferry, on Fulton St. to William St., to Ann St., to Park Row, to Brooklyn Bridge.

**Boston Avenue Line (11).**—From 129th St. and 3d Ave. Crosses Harlem River, and runs via 3d Ave. through Mott Haven, and Melrose to Boston Ave. Morrisania, thence through Boston Ave. to West Farms. Returns by same route. Through running time, 25 minutes.

**Boulevard Line (10).**—Leaves foot E. 34th St. Runs through 1st Ave. to 2d St., 7th Ave., Broadway, Boulevard, Manhattan St. to Fort Lee Ferry (W. 130th St.). Returns by same route.

**Broadway Line (1).**—Leaves South Ferry. Runs through Whitehall St. and Broadway to 7th Ave., to 59th St. (Central Park). Returns by same route to Broadway, to Bowling Green, to State St., to Whitehall St., to South Ferry.

**Central Crosstown (7).**—Leaves E. 23d St. Ferry. Runs through Ave. A, 18th, Broadway, 14th, 7th Ave., W. 11th, West St. to Christopher St. Ferry. Returns by West St., W. 11th, to 7th Ave. to 14th St., to Broadway, to 17th St., to Ave. A, to E. 23d St. Ferry.

**Chambers & Grand St. Ferry (5).**—Leaves Grand St. Ferry, E. R. Runs through East Cherry, Jackson, Madison, New Chambers, Chambers to Pavonia Ferry. Returns through West St., Duane St. to New Chambers, Madison to starting point.

**Roosevelt Street Branch (5).**—From foot of Roosevelt, through South James Slip, New Chambers, Chambers, to Pavonia Ferry. Returns through Duane, New Chambers to starting point.

**Christopher & 10th St. (6).**—Leaves Christopher St. Ferry. Runs through Christopher, Greenwich Ave., Clinton Pl., E. 8th, St. Mark's Pl., Ave. A, E. 10th to E. 10th St. Ferry. Returns by E. 10th, Ave. A, E. 9th, Stuyvesant Pl., 8th St., Clinton Pl., Greenwich Ave., W. 10th to Christopher St. Ferry.

**City Hall & Ave. B (4).**—Leaves Ann St. and Broadway. Runs through Park Row, E. Broadway, Clinton, Ave. B, 14th, 1st Ave., 34th St., to ferry. Returns by same route to 2d St., Ave. A, Essex, E. Broadway, Park Row to Broadway and Ann St.

**City Hall & Ave. D (4).**—Leaves Ann St. and Broadway. Runs through Park Row, E. Broadway, Grand, Columbia, Ave. D, 14th, Ave. A to E. 23d St. Ferry. Returns same route to 14th, Ave. B, 10th, Ave. D, 8th, Lewis, Grand to starting point.

**Columbus Ave. (1).**—Starting at 109th St. and Columbus Ave., along Columbus Ave. and across the Boulevard to 9th Ave., to 53d St., to 7th Ave. and following the route of the Broadway Cable to South Ferry. Returns by the same route.

**Desbrosses & Grand St. (4).**—Leaves Grand St. Ferry. Runs through Grand, Sullivan, Vestry, Greenwich, Desbrosses to Desbrosses St. Ferry. Returns by Desbrosses, Washington, Vestry, thence by same route to starting point.

**Desbrosses St. Ferry Line (1).**—Leaves 59th St. and 6th Ave., through 6th Ave. to Carmine St., Varick, Watts, West to Desbrosses St. Ferry. Returns by same route.

**Desbrosses St. Ferry (5).**—Starting at Grand St. Ferry on Grand St., to East St., to Delancey St., across Bowery to Spring St., to W. Broadway, to Broome St., to Sullivan St., to Watts St., to West St., to Desbrosses St. Ferry. Returns by same route.

**Eastchester Line (12).**—From Mount Vernon to Eastchester. Time, 10 minutes.

**Eighth Ave. (1).**—Leaves Broadway and Vesey St. Runs through Vesey, Church, Chambers, W. Broadway, Canal, Hudson, 8th Ave., to Macomb's Lane to Harlem River. Returns by same route to West Broadway, Vesey St. to Broadway.

**86th St. Crosstown (1).**—Leaves foot East 92d Street. Runs through Avenue A to East 86th St., through transverse road through Central Park, to 86th Street and 8th Avenue. Returns by same route.

**86th St. (10).**—Leaves Amsterdam Ave. and 86th St., through 86th St. to Riverside Drive.

**59th St. Crosstown (2).**—Leaves 1st Avenue and 59th Street. Runs through 59th Street to 10th Avenue. Returns by same route.

**First Ave. Line (1).**—Leaves foot Whitehall St., to South Broad, Water, Old Slip, South, Montgomery, South, Corlears, Grand, Goerck, Houston, 2d St., Ave. D, 14th, Ave. A, 23d, 1st Ave., to 125th St. Returns by same route to Ave. D, 8th, Lewis, Houston, Mangin, Grand, Corlears, Monroe, Jackson, Front, South, Front, Whitehall, to South Ferry. This road passes all East River Ferries.

**Fordham (11).**—Starts from 129th St. and 3d Ave. Crosses Harlem River, through 3d Ave., Mott Haven, Melrose, Morrisania, Claremont Park, Tremont, Fordham to Bedford Park. Returns by same route.

**42d & Grand St. (9).**—Leaves Grand St. Ferry. Runs through Grand, Goerck, Houston, 2d St., Ave. A, 14th St., 4th Ave., 23d St., Broadway, 8th Ave., 34th St., 10th Ave., 42d St. to Weehawken Ferry. Returns by same route.

**42d St. Line (10).**—Leaves E. 34th St. Ferry, through 34th St. to 1st Ave., to 42d St., to foot W. 42d St. Transfers at 3d Ave. with 3d Ave. Line, and at 7th Ave. with Boulevard and 10th Ave. Lines.

## RAILROADS IN MANHATTAN AND BRONX BOROUGHS—Continued.

**14th St. and Union Square Line (6).**—Leaves Christopher Street Ferry. Runs through Christopher Street to Greenwich Street, to 9th Avenue, to 14th Street, to 4th Avenue. Returns by 14th Street to 9th Avenue, to Gansevoort, to Washington, to Christopher, to Ferry.

**14th St. Line (6).**—Leaves 14th Street and 4th Avenue. Runs through 14th Street to North River. Returns by same route.

**14th St. Ferry N. R. Line (5).**—Leaves foot of Grand St., E. R. Runs through East St., to Delancey, Spring, West Broadway, 4th Macdougall, Waverley Place, Bank, Greenwich Ave., West 13th, 13th Ave., Ferry foot West 14th St.

**Fourth & Madison Aves. (1).**—Leaves Post-Office and Brooklyn Bridge. Runs through Park Row, Centre, Grand, Bowery, 4th Ave. to Grand Central Depot, thence by Vanderbilt Ave. to 44th St., to Madison Ave., to 138th St. Branch 4th Ave. and Astor Place to Broadway.

**Fulton, Cortlandt & Barclay St. Ferries (1).**—Leaves Fulton Ferry. Runs through Fulton St. from South to West St., thence every other car runs to either Barclay or Cortlandt St. Ferry.

**Grand & Cortlandt St. (4).**—Leaves Grand St. Ferry. Runs through Grand E. Broadway, Canal, Walker, W. Broadway, North Moore Washington to Cortlandt St. Ferry. Returns by Cortlandt, Greenwich, Beach, W. Broadway, Lispenard, Broadway, Canal St. same route to starting point.

**Highbridge Line (11).**—Starts from 129th St. and 3d Ave., crosses Harlem River, and runs via Southern Boulevard to Willis Ave. to Melrose Ave., to 161st St., to Macomb's Dam Bridge, to Highbridge. Returns by same route. Through time, 30 minutes.

**Jerome Ave. Line (11).**—Leaves Macomb's Dam Bridge for Mt. Hope, Fordham Heights, Fordham, Bedford Park, Williamsbridge, Woodlawn Cemetery (Vancortlandt Park). Time, 30 minutes.

**Lenox Ave. (1).**—Starting at 146th St. and Lenox Ave., along Lenox Ave. to 116th St., to Manhattan Ave., to 109th St. to Columbus Ave. Returns by the same route. Also leaves Lenox Ave. and 146th St.

**Lexington Ave. (1).**—From 130th St. and Lexington Ave., along Lexington Ave. to 23d St., to Broadway, and the route of Broadway Cable Line to South Ferry. Returns by same route.

**Mount Vernon Line (12).**—Leaves West Farms. Runs through Van Nest (Morris Park Race Track), to Bronxdale, to Williamsbridge, to Woodlawn, to Wakefield, to Mount Vernon. Returns by same route. Through time, 40 minutes.

**Mount Vernon Stations Line (12).**—Leaves Mount Vernon Station N. Y., N. H. & H. R. R. Runs through First Street to Mount Vernon Avenue to Mount Vernon Station of Harlem Division N. Y. C. & H. R. R. Returns by same route. Through time, 10 minutes.

**Ninth Ave. (1).**—Leaves Washington and Fulton St. Runs through Fulton, Greenwich, 9th Ave., Columbus Ave., Boulevard Amsterdam Ave. to 125th St.

**10th St. Line (10).**—Leaves Fort Lee Ferry (foot W. 130th St.) and runs through Manhattan St., St. Nicholas Ave., 110th St. to 1st Ave. Returns by same route.

**116th St. Crosstown Line (1).**—Leaves 109th St. and Columbus Ave., to Manhattan Ave., to 116th St., to Lexington Ave., to 105th St.

**125th St. Line (3).**—Starts from foot 125th St., E. R. Runs through 125th and Manhattan St., 130th St. to North River. Returns by same route.

**Pelham Park Line.**—Leaves Bartow Station (on Harlem River branch of New Haven Railroad), and runs east through Pelham Park to City Island. Returns by same route.

**Pelham, Mount Vernon, and New Rochelle Line (12).**—Leaves Mount Vernon for Pelham Heights, Pelham Manor, Pelham, and New Rochelle. Through time, 25 minutes.

**Port Morris Line (11).**—From 8th Ave. and 135th St. to Mott Haven, 138th St. to Port Morris. Returns by same route. Through time, 20 minutes.

**Second Ave. (1).**—Leaves Fulton Ferry, E. R. Runs through Fulton, Water, Peck Slip, South, Oliver, Park Row, Bowery, Grand, Forsyth, Houston, 2d Ave. to E. 10th St. Returns by 2d Ave. to Chrystie, Grand, Bowery, Division, Park Row, Pearl, Peck Slip, South, to Fulton Ferry.

**Second Ave. Electric Line (1).**—Leaves 129th St. and 2d Ave. Runs through 2d Ave., to 10th St., Stuyvesant, 4th Ave., Bowery, Broome St., Centre St., to Brooklyn Bridge.

**Worth St. Branch (1).**—Runs from Broadway and Worth St. to Bowery, connecting with 2d Ave. line.

**Astor Place Branch (1).**—Runs from Broadway and Astor Place to 4th Ave.

**Seventh Ave. (1).**—Leaves 50th St. and 7th Ave. Runs to Greenwich Ave., Clinton Pl., Macdougall St., W. 4th St., Thompson St., Canal St., Broadway. Returns through Canal St. to Sullivan St., W. 3d St., Macdougall St., Clinton Pl., Greenwich Ave., 7th Ave. to 50th St.

**Sixth Ave. (1).**—Leaves corner Broadway and Vesey St. Runs through Vesey, Church Chambers, W. Broadway, Canal, Varick, Carmine, 6th Ave. to 59th St. and Central Park. Returns by same route to W. Broadway and Vesey St. to Broadway.

**Amsterdam Ave.**—Leaves 1st Ave. and 59th St., Columbus Ave., Boulevard, Amsterdam Ave. to 127th St.

**Southern Boulevard Line (11).**—From 129th St. and 3d Ave., via Southern Boulevard, through Port Morris and Woodstock, to Boston Ave., to Bronx River, West Farms.

**Tenth Ave. (3).**—Leaves foot E. 125th Street. Runs through 125th Street, Manhattan Street, and Amsterdam Avenue, to 194th Street. Returns by same route.

**Tenth Ave. (10).**—Leaves E. 34th St. Ferry, through 34th St. to 1st Ave., 42d St., 10th Ave., Amsterdam Ave., Manhattan St. to Fort Lee Ferry (W. 130th St.). Returns by same route.

**Third Ave. (3).**—Runs from opposite the Astor House through Park Row, Bowery, 3d Ave., to 130th St., and returns by same route. Also through 125th St. at its junction with 3d Ave., to Amsterdam Ave., thence northerly along Amsterdam Ave. to Fort George, at or about 194th St.

**Thirteenth St. Crosstown (9).**—Starting at 84th St. Ferry, E. R., on 34th St., to 10th Ave., to 42d St., to 42d St. Ferry, N. R. Returns by same route.

**28th and 29th Sts. (1).**—Leaves West 23d Street Ferry. Runs through 13th Ave. to 24th St., to 11th Ave., to 23th St., to 1st Ave., to E. 34th Street Ferry. Returns by 1st Avenue to 29th Street, to 11th Avenue, to 24th Street, to 13th Avenue, to W. 23d St. Ferry.

**23d St. & Erie Ferry (8).**—Runs from W. 23d St., N. R., to E. 23d St., E. R.

**Thirteenth St. Branch (1).**—Runs through 23d St. to 1st Ave. to 34th St. Ferry. Returns by same route.

**Fourteenth St. Branch (8).**—Leaves West 23d St. Ferry runs through 13th Ave. to W. 14th St. to 11th Ave., thence to Union Square and 4th Ave.

**Tremont, Westchester, and Unionport Line (11).**—From 177th St. and Jerome Ave. to Tremont, Fairmount, West Farms, Van Nest, Westchester, Unionport. Through time, 35 minutes.

**Western Belt Line (2).**—Leaves South Ferry. Runs through Whitehall, Battery Pl., West St., 10th Ave. to 53d St. Returns by same route to Battery Pl., State St., South Ferry, passing all North River ferries.

**Yonkers Line (13).**—From Mount Vernon through Dunwoodie to Yonkers. Also from Yonkers to Kingsbridge, via Lowerre, Moshulu, etc.

## Steamships from New York City.

- This table gives the destination of the steamer, then the street from the foot of which the steamer sails, and the location of the office of the agent in Manhattan Borough, City of New York.
- Amsterdam, 6th St., Hoboken, Holland-American Line, Produce Exchange.
- Antigua, W. 10th St., Quebec S. S. Co., 39 B' way.
- Antwerp, foot Fulton St., N. R., Red Star Line, 75 Broadway.
- Antwerp, Bethune St., Hoboken, Phoenix Line, 29 Broadway. After May 1, 1900, 22 State St.
- Baltimore, Md., Pier 7, N. R., New York and Baltimore Trans. Co., on Pier.
- Barbados, Martin Stores, Brooklyn Borough, Red Cross Line, 113 Pearl St.
- Barbadoes, foot W. 10th St., Quebec S. S. Co., 39 Broadway.
- Bermuda, W. 10th St., Quebec S. S. Co., 39 B' way.
- Bordeaux, Manhasset Dock, Jersey City, 32 Broadway.
- Bremen, 2d St., Hoboken, North German Lloyd, 5 Broadway.
- Bristol, Eng., foot W. 29th St., Bristol City Line, 25 Whitehall St.
- Buenos Ayres, Dock in Brooklyn Borough, Lampport & Holt Line, 19 Whitehall St.
- Buenos Ayres, Atlantic Dock, Brooklyn Borough, Norton Line, 115 Produce Exchange.
- Callao, Merchants' Line, W. R. Grace & Co., Hanover Square.
- Campeche, Wall St., New York and Cuba Mail S. S. Co., 113 Wall St.
- Cape Town, Africa, Atlantic Dock, Brooklyn Borough, American-African Line, 115 Produce Exchange.
- Carthagena, W. 25th St., Atlas Line, 17 State St.
- Charleston, S. C., foot of W. 10th St., Clyde Line, 5 Bowling Green and 375 Broadway.
- Christiania, 4th St., Hoboken, Scandinavian-American Line, 9 Stone St.
- Cienfuegos, Wall St., Waydell & Co., 132 Pearl St., or J. E. Ward & Co., 113 Wall St.
- Colon, foot W. 27th St., Panama R. R. Steamship Line, 29 Broadway and on Pier.
- Copenhagen, 1st St., Hoboken, Hamburg-American Line, 37 Broadway.
- Copenhagen, 4th St., Hoboken, Scandinavian-American Line, 9 Stone St.
- Costa Rica, W. 25th St., Atlas Line, 17 State St.
- Curacao, Robert Stores, Brooklyn Borough, Red "D" Line, 135 Front St.
- Curacao, Woodruff Stores, Brooklyn Borough, Royal Dutch W. I. Line, 32 Beaver St.
- Demerara, Woodruff Stores, Brooklyn Borough, Royal Dutch W. I. Line, 32 Beaver St.
- Demerara, Demerara S. S. Line, 13<sup>d</sup> Wall St.
- Demerara, W. 10th St., Quebec S. S. Co., 39 Broadway.
- Dominica, W. 10th St., Quebec S. S. Co., 39 Broadway.
- Dundee, Manhasset Dock, Jersey City, Arrow Line, 11 Broadway.
- Galveston, Burling Slip, Mallory Line, Pier 20, E. R., and 385 Broadway.
- Genoa, 1st St., Hoboken, Hamburg-American Line, 37 Broadway.
- Genoa and Gibraltar, 2d St., Hoboken, North German Lloyd, 5 Broadway.
- Genoa and Gibraltar, Union Stores, Brooklyn, Anchor Line, 17 Broadway.
- Glasgow, W. 24th St., Anchor Line, 17 Broadway.
- Glasgow, W. 21st St., Allan-State Line, 53 Broadway.
- Greytown, W. 25th St., Atlas Line, 17 State St.
- Haiti, Prentice Stores, Brooklyn Borough, Red Cross Line, 17 State St.
- Hamburg, 1st St., Hoboken, Hamburg-American Line, 37 Broadway.
- Havana, Wall St., New York and Cuba Mail S. S. Co., 113 Wall St.
- Havre, Mouton St., French Line, 32 Broadway.
- Hayti, foot W. 25th St., Atlas Line, 17 State Street.
- Hayti, Woodruff Stores, Brooklyn Borough, Royal Dutch W. I. Line, 32 Beaver St.
- Hull, foot Bethune St., Wilson Line, 29 Broadway. After May 1, 1900, at 22 State St.
- Jacksonville, foot W. 10th St., Clyde Line, 5 Bowling Green and 375 Broadway.
- Key West, Burling Slip, Mallory's Line, Pier 20, E. R., and 385 Broadway.
- Kingston, Jamaica, foot W. 25th St., Atlas Line, 17 State St.
- Laguayra, Woodruff Stores, Brooklyn Borough, Royal Dutch W. I. Line, 32 Beaver St.
- Laguayra, Robert Stores, Brooklyn Borough, Red "D" Line, 135 Front St.
- Leghorn, Union Stores, Brooklyn Borough, Anchor Line, 17 Broadway.
- Leghorn, Atlantic Dock, Brooklyn Borough, Prince Line, Produce Exchange Annex.
- Leith, Manhasset Dock, Jersey City, Arrow Line, 11 Broadway.
- Lisbon, Atlantic Dock, Brooklyn Borough, Insular Navigation Co., 6 Hanover St.
- Liverpool, foot Jane or Gansevoort St., Cunard Line, 29 Broadway.
- Liverpool, W. 11th St., White Star Line, 9 Broadway.
- Livingston (Guatemala), Bowring & Archibald, 17 State St.
- London, W. Houston St., Atlantic Transport Line (National Line), 1 Broadway.
- Manchester, Dock in Brooklyn Borough, Lampport & Holt Line, 301 Produce Exchange.
- Marseilles, Warren St., Brooklyn Borough, Fabre Line, 47 South St.
- Marseilles, Union Stores, Brooklyn, Anchor Line, 17 Broadway.
- Martinique, W. 10th St., Quebec S. S. Co., 39 B' way.
- Melbourne, Atlantic Dock, Brooklyn Borough, American and Australian Line, 115 Produce Exchange.
- Montevideo, Atlantic Dock, Brooklyn Borough, Norton Line, 115 Produce Exchange.
- Montevideo, Dock in Brooklyn Borough, Lampport & Holt Line, 19 Whitehall St.
- Montevideo, Atlantic Dock, Brooklyn Borough, Prince Line, Produce Exchange Annex.
- Naples, Union Stores, Brooklyn Borough, Anchor Line, 17 Broadway.
- Naples, Warren St., Brooklyn Borough, Fabre Line, 47 South St. (Hamburg-Am. Line and N. German Lloyd also call at Naples. See "Genoa and Gibraltar.")
- Nassau, Wall St., New York and Cuba Mail S. S. Co., 113 Wall St.
- Nassau, Bahamas S. S. Co., 63 Pine St.
- New Orleans, Pier 9, N. R., Cromwell Line, Pier 9, N. R.
- New Orleans, North Moore St., Southern Pacific Co., 349 Broadway and on Pier.
- Norfolk and Old Point Comfort, Beach St., Old Dominion S. S. Co., on Pier.
- Para, Martin Stores, Brooklyn Borough, Booth S. S. Co., 88 Gold St.
- Para, Martin Stores, Brooklyn Borough, Red Cross Line, 113 Pearl St.
- Pernambuco, Dock in Brooklyn Borough, Lampport & Holt Line, 19 Whitehall St.
- Pernambuco, Atlantic Dock, Brooklyn Borough, Sloman's Line, Produce Exchange Annex.
- Philadelphia, foot Oliver St., Clyde Line, on Pier.
- Port au Prince, see "Hayti."
- Port Elizabeth, Atlantic Dock, Brooklyn Borough, American and African Line, 115 Produce Exchange.
- Portland, foot Market St., Maine S. S. Line, 222 South St.
- Port Limon, W. 25th St., Atlas Line, 17 State Street.
- Porto Rico, Empire Stores, Brooklyn Borough, N. Y., and Porto Rico S. S. Line, 32 Broadway.
- Porto Rico, Robert Stores, Brooklyn Borough, Red "D" Line, 135 Front St.
- Progreso, foot Wall St., New York and Cuba Mail S. S. Co., 113 Wall St.



STEAMSHIPS FROM NEW YORK CITY—Continued.

Puerto Cabello, Roberts Stores, Brooklyn Borough, Red "D" Line, 135 Front St.  
 Puerto Cabello, Woodruff Stores, Brooklyn Borough, Royal Dutch W. I. Line, 32 Beaver St.  
 Puerto Cortez, Prentice Stores, Brooklyn Borough, Bowring & Archibald, 17 State St.  
 Queenstown, Cunard and White Star Lines call here.  
 Richmond, Beach St., Old Dominion Line, on Pier.  
 Rio de Janeiro, Atlantic Dock, Brooklyn Borough, Sloman's Line, Produce Exch. Annex.  
 Rio de Janeiro, Dock in Brooklyn Borough, Lamport & Holt Line, 301 Produce Exchange, 19 Whitehall St.  
 Rotterdam, 6th St., Hoboken, Holland-America Line, 39 Broadway.  
 San Domingo, Roosevelt St., Clyde Line, 5 Bowling Green (may change).  
 Santiago de Cuba, Wall St., New York and Cuba Mail Line, 113 Wall St.  
 Savannah, Spring St., Ocean S. S. Line, on Pier and 317 Broadway.

Savanna, W. 25th St., Atlas Line, 17 State St.  
 Southampton, Fulton St., N. R., American Line, 73 Broadway.  
 Southampton, 2d St., Hoboken North German Lloyd Line, 5 Broadway.  
 St. John's, N. F., Prentice Stores, Brooklyn Borough, Red Cross Line, 17 State St.  
 Stettin, 1st St., Hoboken, Scandia Line, 37 Broadway.  
 Stettin, 4th St., Hoboken, Scandinavian-American Line, 9 Stone St.  
 Tampico, Prentice Stores, Brooklyn, New York and Cuba Mail Line, 113 Wall St.  
 Trinidad, Woodruff Stores, Brooklyn Borough, Royal Dutch W. I. Line, 32 Beaver St.  
 Trinidad, Union Stores, Brooklyn Borough, Trinidad Line, 29 Broadway.  
 Valparaiso, W. R. Grace & Co., Hanover Square.  
 Vera Cruz, Wall St., New York and Cuba Mail Line, 113 Wall St.  
 Wilmington, N. C., Roosevelt St., E. R., Clyde Line 5 Bowling Green (may change), 375 Broadway.

Ferries from and to Manhattan Borough, New York.

To Astoria.—From ft. E. 92d St.

To Jersey City.—From ft. Chambers and W. 23d Sts. to Pavonia Ave., Jersey City. (Erie, Northern of New Jersey, and N. J. & N. Y. R. R.)

" Bedloe's Isl. (Liberty Island).—From Battery.

" Blackwell's Island.—From ft. 26th St., ft. 52d St., ft. 40th St., ft. 116th St., E. R.

" Brooklyn Borough.—From ft. Catharine St. to Main St., Brooklyn Boro.

" " " " From ft. E. 10th and ft. E. 23d St. to Greenpoint Ave., Brooklyn Boro.

" " " " From ft. E. 23d St. to B'way, Brooklyn Boro.

" " " " From ft. E. Houston St. to Grand St., B'klyn Boro.

" " " " From ft. Fulton St. to Fulton St., Brooklyn Boro.

" " " " From ft. Grand St. to Grand St. and Broadway, Brooklyn Boro.

" " " " From ft. Roosevelt St. to Broadway, B'klyn Boro.

" " " " From ft. Wall St. to Montague St., B'klyn Boro.

" " " " From ft. Whitehall St. to Atlantic and Hamilton Aves., Brooklyn Boro.

" " " " From ft. Whitehall St. to 39th St., Brooklyn Boro.

" College Point (Queens Borough).—From ft. E. 99th St.

" Fort Lee.—By trolley line from Undercliff, Take ferry at ft. W. 130th St.

" Governor's Island.—From ft. Whitehall St.

" Hart's Island.—From ft. 116th St., E. R.

" Hoboken.—From ft. Barclay and Christopher Sts. to Newark and Ferry Sts., Hoboken

" " " " From ft. W. 11th St. to 14th St. Hoboken.

" " " " From ft. Cortlandt, Desbrosses, and W. 23d Sts. to Montgomery St., Jersey City. (Pennsylvania R. R., Lehigh Valley R. R., and New York, Susquehanna & Western R. R.)

" " " " From ft. Liberty and Whitehall Sts. to Communipaw, Jersey City. (Central R. R. of New Jersey.)

" " " " Pennsylvania Annex from ft. Fulton St., Brooklyn Borough, to Jersey City, connecting with Pennsylvania R. R., Lehigh Valley R. R., and New York, Susquehanna & Western R. R.

" " " " From ft. W. 13th St. to Bay St., Jersey City.

" North Brother Island.—From ft. E. 138th St.

" Queens Borough Long Island City.—From ft. E. 4th St. and James Slip to Borden Ave., Long Island City (L. I. R. R.).

" Randall's Island.—From ft. E. 26th & E. 120th Sts.

" Richmond Borough (Staten Island).—From ft. Whitehall St. to St. George, Staten Island. (Staten Island and Rapid Transit R. R. and Trolley lines.)

" Ward's Island.—From ft. E. 116th St.

" Weehawken.—From ft. Franklin and ft. W. 42d St. to W. Shore R. R. Depot.)

" " " " From ft. W. 42d St. to Old Slip, Weehawken.

Trust Companies in Brooklyn Borough.

Brooklyn, 177 Montague Street.  
 Franklin, 166 Montague Street.  
 German-American Real Estate Title Guarantee Company, 40 Court Street.  
 Hamilton, 191 Montague Street.  
 Kings County, 344 Fulton Street.  
 Long Island Loan and Trust Company, 203 Montague Street.

Manufacturers', 198 Montague Street.  
 Nassau Loan and Trust Company, 101 Broadway.  
 People's, 172 Montague Street.  
 Title Guarantee and Trust Company, 175 Remsen Street.  
 Williamsburg, Broadway and Kent Avenue, and 361 Fulton Street.

## Prominent Societies and Associations

(IN MANHATTAN AND BRONX BOROUGHS).

- Actuarial Society, I. C. Pierson, Secretary, 141 Broadway.
- Am. Bible Society, 6 Bible House. Edward W. Gilman, Sec.
- Am. Church Missionary Society, 281 4th Ave. W. Dudley Powers, Sec.
- Am. Dialect Society (Nat'l). E. H. Babbitt, Sec., Columbia University.
- Am. Fine Arts Society, 215 W. 57th St. H. M. Barry, Sec.
- Am. Geographical Society, 11 W. 29th St. A. A. Raven, Sec.
- Am. Institute, 113 W. 38th St. W. T. Peoples, Sec.
- Am. Missionary Association, 105 E. 22d St. A. F. Beard, Sec.
- Am. Protective Tariff League, 135 W. 23d St. W. F. Wakeman, Sec.
- Am. Seamen's Friend Society, 76 Wall St. W. C. Stitt, Sec.
- Am. Society for the Prevention of Cruelty to Animals, 26th St. & Madison Ave. J. M. Knox, Sec.
- Am. Society of Civil Engineers, 220 W. 57th St. C. W. Hunt.
- Am. Sunday-School Union, 158 5th Ave. E. P. Bancroft, Sec.
- Am. Tract Society, 150 Nassau St. W. W. Rand, Sec.
- Am. Unitarian Association, 104 E. 20th St. S. A. Elliott, Sec.
- Am. Water-Color Society, 53 E. 23d St. C. H. Eaton, Sec.
- Am. and Foreign Christian Union, 105 E. 22d St. L. T. Chamberlain, Sec.
- Architectural League, 215 W. 57th St. M. E. Stone, Sec.
- Art Students' League, 215 W. 57th St. Alma De Mier, Sec.
- Aryan Theosophical Society, 144 Madison Ave. Association for Befriending Children and Young Girls, 136 2d Ave. Mrs. H. L. Not, Sec.
- Association for Improved Instruction of Deaf Mutes, 912 Lexington Ave. Paul M. Herzog, Sec.
- Bar Association of City of New York, W. 44th St., near 6th Ave. D. B. Ogden, Sec.
- Beethoven Maennerchor, 210 5th St. F. W. Schultze, Sec.
- Biographical Soc. of America, 109 University Pl. Blue Anchor Society, W. N. R. A., 105 E. 22d St. Miss A. Sanford, Sec.
- Charity Organization Society, 105 E. 22d St. E. T. Devine, Sec.
- Children's Aid Society, 105 E. 22d St. C. L. Brace, Sec.
- Christian Aid to Employment Society, 21 Bible House. J. S. Stone, Sec.
- Christian Alliance, 622 8th Ave. A. E. Funk, Sec.
- Church Society of Promoting Christianity Among the Jews, 281 4th Ave. W. A. Matson, Sec.
- Church Univ. Board of Regents, 29 Lafayette Pl. W. M. Hughes, Sec.
- City Improvement Society, 12 E. 23d St. J. C. Pumpelly, Sec.
- City Vigilance League, 105 E. 22d St. T. L. McClintock, Sec.
- Cong. Home Missionary Society, 105 E. 22d St. J. B. Clark, Sec.
- Cooper Union, for Advancement of Science and Art, 8th St. and 4th Ave. A. S. Hewitt, Sec.
- Domestic and Foreign Missionary Society of the Protestant Episcopal Church, 233 4th Ave. Joshua Kimber, Sec.
- Evangelical Alliance, 105 E. 22d St. L. T. Chamberlain, Sec.
- Gaelic Society, 64 Madison Ave. W. J. Balfe, Sec.
- German Liederkrantz, 111 E. 58th St. R. F. Lang, Sec.
- German Society, 13 Broadway. E. Lehmkje, Sec.
- Helping Hand Association, 416 W. 54th St. Mrs. E. H. Herrick, Sec.
- Holland Society, 346 B'way. T. M. Banta, Sec.
- Home and Foreign Missionary Society of A. M. E. Church, 61 Bible House. L. B. Parks, Sec.
- Hospital Saturday and Sunday Association, 105 E. 22d St. Geo. S. Baker, Sec.
- Huguenot Society, 105 E. 22d St. L. Luquer, Sec.
- Humane Assoc., 10 W. 48th St. C. E. Latimer, Sec.
- Industrial Christian Alliance, 170 Bleecker St. A. W. Milbury, Sec.
- International Order of the King's Daughters and Sons, 155 5th Ave. Mrs. I. C. Davis, Sec.
- Irish Emigrant Society, 51 Chambers St. H. J. Jackson.
- Irish Nat'l Fed., 47 W. 42d St. J. P. Ryan, Sec.
- Jewelers' Relief Association, 12 Maiden Lane. M. J. Lissauer, Pres.
- Ladies' Christian Union, 49 W. 9th St. Mrs. Henry Bowers, Sec.
- Law and Order Society of State of New York, 34 Park Row.
- Luncheon Society, Central Park West, cor. W. 77th St. W. W. Granger, Sec.
- Methodist Historical Society, 150 5th Ave. Jas. M. Freeman, Sec.
- Missionary Society, Chelsea Sq. J. Yarnall, Sec.
- Nat'l Christian League for Promotion of Social Purity, 33 E. 23d St. Mrs. I. N. Miller, Sec.
- Nat'l Citizens' Alliance, 41 Park Row. H. Nichols, Sec.
- Nat'l Humane Alliance, 287 4th Ave. E. C. Vick, Sec.
- Nat'l League for the Protection of American Institutions, 1 Madison Ave. Jas. M. King, Sec.
- Nat'l Philatelic Society, 351 4th Ave. Walter S. Scott, Sec.
- Nat'l Sculpture Society, 215 W. 57th St. Barr Ferree, Sec.
- Nat'l Society of New England Women, 332 W. 87th St. Mrs. B. B. Kenyon, Sec.
- Natural Science Association of America, 114 5th Ave. W. S. Tisdale.
- New England Society, 32 Liberty St. George Wilson, Sec.
- N. Y. Academy of Science, Columbia University. Richard E. Dodge, Sec.
- N. Y. Association of Working Girls' Societies, 19 E. 47th St. Miss M. Draper, Sec.
- N. Y. Association for Improving the Condition of the Poor, 105 E. 22d St. L. E. Opdycke, Sec.
- N. Y. Bible Soc., 66 Bible House. C. A. B. Pratt, Sec.
- N. Y. City Church Extension and Missionary Soc. of M. E. Church, 150 5th Ave. F. M. North, Sec.
- N. Y. City Mission and Tract Society, 105 E. 22d St. A. K. Ely, Sec.
- N. Y. Dorcas Society, 52 W. 27th St. Miss A. J. Pomeroy, Sec.
- N. Y. Flower and Fruit Mission, 104 E. 20th St. Miss F. L. Russell, Sec.
- N. Y. Genealogical and Biographical Society, 226 W. 58th St. H. Calkins, Jr., Sec.
- N. Y. Historical Society, 170 2d Ave. E. F. De Lancey, Sec.
- N. Y. Kindergarten Association, 105 E. 22d St. James M. Bruce, Sec.
- N. Y. Ladies' Home Missionary Society, 63 Park St. A. K. Sanford, Supt.
- N. Y. Law Institute, 116 P. O. Building. James C. Foley, Sec.
- N. Y. Maennerchor Society, 203 E. 56th St. G. Hegerfeldt, Sec.
- N. Y. Practical Aid Society, 246 W. 37th St. E. I. Booth, Sec.
- N. Y. Sangerbund, 207 E. 67th St.
- N. Y. Scottish Celtic Society, 8 Union Sq. E. John Steele, Sec.
- N. Y. Scottish Soc., 241 5th Ave. J. Duncan, Sec.
- N. Y. Society for the Enforcement of the Criminal Law, 106 Fulton St. John J. Sleeper, Sec.
- N. Y. Society for the Prevention of Cruelty to Children, 297 4th Ave. E. F. Jenkins, Sec.
- N. Y. Society for the Suppression of Vice, 41 Park Row. A. Comstock, Sec.
- N. Y. Society of Pedagogy, 41 E. 85th St. John W. Davis, Sec.
- N. Y. Sunday-School Association, 10 E. 23d St. A. H. McKinney, Sec.
- N. Y. Typographical Society, 106 Fulton St.
- N. Y. Zoological Soc., 69 Wall St. M. Grant, Sec.

PROMINENT SOCIETIES AND ASSOCIATIONS—Continued.

- Norwegian Soc., 192 3d Ave. C. W. Leeman, Sec.  
 Ohio Soc., Waldorf-Astoria. W. H. Blymer, Sec.  
 Old Guard, cor. Broadway and 49th St. E. P. Moore, Sec.  
 Oratorio Society, 7th Ave., near 56th St. W. B. Tuthill, Sec.  
 Orphan Asylum Society, Riverside Ave. and W. 73d St. Mrs. A. Maitland, Sec.  
 Patriotic League, 156 5th Ave. R. Franklin, Sec.  
 Pennsylvania Society of New York, Barr Ferree, Sec. 7 Warren St.  
 Philharmonic Society, Carnegie Hall. A. Roebelen, Sec.  
 Prison Association, 135 E. 15th St. W. M. F. Round, Sec.  
 Protestant Episcopal Society for the Promotion of Evangelical Knowledge, 2 Bible House. H. Dyer, Sec.  
 Provident Loan Society, 279 4th Ave. R. W. De Frest, Sec.  
 St. Andrew's Society, 105 E. 22d St., 287 E. Broadway. G. A. Morrison, Sec.  
 St. David's Soc., 105 E. 22d St. J. D. Evans, Sec.  
 St. George's Society, 70 Broad St. E. K. Bedell, Sec.  
 Scientific Alliance of New York, N. Y. Botanical Garden, Bronx Park. N. L. Britton, Sec.  
 Seventh Regiment Veterans, 150 Nassau St.  
 Society for Ethical Culture, 669 Madison Ave. Robert D. Kohn, Sec.  
 Society for Instruction in First Aid to the Injured, 105 E. 23d St. H. H. Truman, Sec.  
 Society for the Prevention of Crime, 105 E. 22d St. T. D. Kennesson, Sec.  
 Society for the Reformation of Juvenile Delinquents, Randall's Island. N. Jarvis, Jr. Sec.  
 Society of American Artists, 215 W. 57th St. William D. Volk, Sec.  
 Society for the Relief of Half Orphans and Destitute Children, 110 Manhattan Ave. Mrs. J. L. Sutherland, Sec.  
 Society of Humanity, 23 Lafayette Place. Mrs. I. M. Batchelor, Sec.  
 State Charities Aid Association, 105 E. 22d St. H. Folks, Sec.  
 Symphony Society, 7th Ave., near W. 56th St. Laura J. Post, Sec.  
 Tammany Society, 143 E. 14th St. T. F. Smith, Sec.  
 Technical Society, 192 3d Ave. Wm. Mueser, Sec.  
 Unitarian Society, 104 E. 20th St.  
 United Hebrew Charities, 356 2d Ave. I. S. Isaacs, Sec.  
 Union Veteran Legion, 8 Union Square.  
 University Settlement Society, 184 Eldridge St. S. M. Cromwell, Sec.  
 Veteran Firemen's Association, Lexington Ave., cor. 29th St. W. L. Clark, Sec.  
 Wagner Society, cor. 7th Ave. and 56th St. E. G. Love, Sec.  
 White Cross Society, 224 Waverley Place. W. R. Smith, Sec.  
 Woman's Auxiliary Board Missions, 283 4th Ave. Miss J. C. Emery, Sec.  
 Women's Prison Association, 110 3d Ave. Mrs. Geo. H. Hepworth, Sec.  
 Young Men's Christian Association, main office, 3 W. 29th St. B. K. Wiley, Sec.  
 Young Men's Christian Union, 700 Westchester Ave. K. S. Alcocke, Sec.  
 Young Men's Hebrew Association, 861 Lexington Ave. F. Younker, Sec.  
 Young Women's Christian Association, 7 E. 15th St. Miss J. F. Bangs, Sec.

**Volunteer Life-Saving Corps.**

THE Volunteer Life-Saving Corps of the State of New York, "Inland Waters," has 672 stations and over 6,000 enrolled members, all expert swimmers, yachtsmen, and boatmen, with about 2,300 boats, from dories to expensive sail, steam, and naphtha launches, and has fifteen lifeboats of its own. It covers all important points on all the lakes and rivers of the State from Montauk Point, L. I., to the shores of Lakes Erie and Ontario. It has saved 2,027 lives in six years, and has awarded 656 medals for heroic rescue from drowning. J. Wesley Jones, President, 63 Park Row, New York; Thomas Smith, Secretary; J. Wentworth White, Treasurer.

LIFE-SAVING STATIONS IN GREATER NEW YORK.

- Boroughs of Manhattan and Bronx.**—Charles W. Disbrow, Commander and Secretary.  
 Hudson River Division.—Frank A. Koch, Commander, from the Battery to Spuyten Duyvil.  
 Eugene A. Reilly, Vice-Commander, Whitehall Ferry to Hell Gate.  
 Samuel L. Loew, Vice-Commander, Harlem River Division.  
 Stations—North River, Battery Park, Barge Office, Governor's Island Pier, Piers 1, 2, 3, 4, 5, 6, 7, 10, 12, Franklin, Grand, Morton, Desbrosses, Forty-ninth, Fiftieth, Fifty-fifth, Sixty-first, Eighty-third, Eighty-sixth, One Hundred and Second, One Hundred and Twenty-third, One Hundred and Twenty-fourth, One Hundred and Forty-ninth, One Hundred and Fifty-first, One Hundred and Fifty-fifth Streets; Cider Beds and Audubon Park front to Inwood.  
 On Harlem River.—U. S. Canal, One Hundred and Sixty-second Street, Wyanoke Club, One Hundred and Fifty-third, One Hundred and Sixty-fifth Street, Lone Star Club, One Hundred and Fortieth, One Hundred and Forty-seventh, One Hundred and Forty-ninth, One Hundred and Thirty-second Streets, Friendship Club, One Hundred and Twenty-fifth, East Ninety-eighth, East Ninety-second Streets.  
 East River.—East Eighty-seventh, East Eighty-fourth Streets, Cygnet Club, East Seventy-sixth Street, East Side House, East Sixty-fifth, East Fifty-fifth, East Fifty-first Streets, Blackwell's Island Ferry, East Forty-ninth Street, Recreation Pier, East Twenty-fourth street; Rivington Street, East Fifth Street, Recreation Pier, East Third Street; Corlears Park, Grand Street, Jefferson Market, Dover Street, Coenties Slip.  
**Borough of Brooklyn.**—Theo. Krombach, Commander, Brooklyn Division, Coney Island to Newtown Creek.  
 Stations—Manhattan Beach, Coney Island, Norton's Point, Sheepshead Bay, Plum Island, Coney Island Creek, Bay Twenty-seventh Street, Ulmer Park, Gravesend Bay Yacht Club, Bensonhurst, Bath Beach, West End Hotel, River View Pier, Bay Seventeenth Street, Fifty-eighth, Fifty-sixth, Fifty-third Street, Bay Twenty-first and Twentieth Street Piers, Gowanus Bay, Erie Basin, Amity, Harrison, Baltic, and Bridge Streets, Catharine Street Ferry, Wallabout Basin, North Eighth Street, Newtown Creek Bridges.  
**Borough of Queens.**—Jamaica Bay, Thomas Smith, Commander.  
 Stations.—Cauarsie, Bergen Beach, Ruffie Bar, Barren Island, Rockaway Beach, Broad Channel, Old Mill Creek, Aqueduct, Breakwater, Springfield.  
 Long Island Sound Divisions.—Ravenswood Boat Club, Clinton Avenue, Astoria, Bowers Bay, Steinway, College Point, North Beach, Seawanhaka Boat Club, Flushing, Sandford, and Oak Points, Pelham Park.  
**Borough of Richmond.**—Port Richmond, Elm Park, West Brighton, Quarantine, South Beach, Crede's Hotel, Atlantic, and Miller's Hotel, Midland Beach.  
 There are 160 stations in New York, 44 sub-stations, and 468 boats in service.

## Steamboats from Manhattan Borough, N. Y. City.

TO LANDINGS ON THE HUDSON RIVER DURING SEASON OF NAVIGATION.

NOTE.—Fares and piers are liable to change.

| ML  | Landings.                                 | Fare.        | Pier—Street.      | ML  | Landings.                     | Fare.  | Pier—Street.   |
|-----|---|--------------|-------------------|-----|-------------------------------|--------|----------------|
| 143 | Albany, People's (night) Line             | \$1.50       | Canal.            | 71  | Milton (Mary Powell)          | \$0.75 | Desbrosses (a) |
| 143 | Albany (Day Line)                         | 2.00         | Desbrosses (a)    | 59  | Newburgh (Cent'l Hud. Line)   | .50    | Frank'n; W. 10 |
| 115 | Athens                                    | 1.00         | Christopher.      | 59  | Newburgh (Day Line)           | .75    | Desbrosses (a) |
| 95  | Barrytown                                 | 1.00         | Christopher.      | 59  | Newburgh (Mary Powell)        | .75    | Desbrosses (a) |
| 110 | Catskill (Night Line)                     | 1.00         | Christopher.      | 64  | N. Hamburg (Mary Powell)      | .75    | Desbrosses (a) |
| 110 | Catskill (Day Line)                       | 1.50         | Desbrosses (a)    | 64  | N. Hamb'g (Cent. Hud. Line)   | .60    | W. 10; Frank'n |
| 53  | Cold Spring                               | .50          | Franklin.         | 26  | Nyack                         | .25    | W. 10th (a)    |
| 54  | Cornwall (Cent'l Hud. Line)               | .50          | Franklin.         | 42  | Peekskill                     | .40    | W. 10th (a)    |
| 54  | Cornwall (Mary Powell)                    | .75          | Desbrosses (a)    | 42  | Peekskill                     | .40    | Canal          |
| 123 | Coxsackie                                 | 1.00         | Christopher.      | 74  | Poughkeepsie                  | .60    | W. 10; Frank'n |
| 49  | Cranston's (Cent'l Hud. Line)             | .50          | Franklin.         | 74  | Poughkeepsie (Day Line)       | 1.00   | Desbrosses (a) |
| 49  | Cranston's (Mary Powell)                  | .75          | Desbrosses (a)    | 74  | Poughkeepsie (Mary Powell)    | .75    | Desbrosses (a) |
| 35  | Croton                                    | .30          | Canal.            | 89  | Rhinebeck (Rhinecliff)        | 1.00   | Christopher.   |
| 82  | Esopus                                    | .75          | W. 10th.          | 30  | Rockland Lake                 | .35    | W. 10th (a)    |
| 59  | Fishkill, by Ferry from Newburg.          | See Newburg. |                   | 89  | Rondout (Mary Powell)         | .75    | W. 10th.       |
| 59  | Fishkill (Cent'l Hud. Line).              | .55          | Franklin.         | 89  | Rondout (Mary Powell)         | 1.00   | Desbrosses (a) |
| 3   | Fort Lee, Ferry to Undercliff             |              | W. 130th.         | 101 | Saugerties                    | 1.00   | Christopher.   |
| 50  | Garrisons                                 | .90          | Desbrosses (a)    | 31  | Sing Sing                     | .25    | Franklin.      |
| 50  | Garrisons, by Ferry from West Point also. |              | P. 0. point also. |     | Stuyvesant, Smith's Land'g.   |        |                |
| 105 | Germanatown                               | 1.00         | Christopher.      |     | Staatsburg                    | 1.00   | Christopher.   |
| 39  | Grassy Point                              | .40          | W. 10th (a)       | 26  | Tarrytown                     | .25    | W. 10th (a)    |
| 35  | Haverstraw                                | .35          | W. 10th (a)       | 99  | Tivoli                        | 1.00   | Christopher.   |
| 75  | Highland                                  | .60          | Franklin.         | 149 | Troy (Citizen's [night] Line) | 1.50   | W. 10th.       |
| 115 | Hudson                                    | 1.00         | Christopher.      | 95  | Ulster Landing                | 1.00   | Christopher.   |
| 115 | Hudson (Day Line)                         | 1.50         | Desbrosses (a)    | 39  | Verplanck                     | .40    | W. 10th (a)    |
| 79  | Hyde Park                                 | .75          | Christopher.      | 50  | West Point (Cent. Hud. Line)  | .50    | Frank'n; W. 10 |
| 79  | Hyde Park (Mary Powell)                   | 1.00         | Desbrosses (a)    | 50  | West Point (Day Line)         | .75    | Desbrosses (a) |
| 89  | Kingston                                  | See Rondout. |                   | 50  | West Point (Mary Powell)      | .75    | Desbrosses (a) |
| 103 | Malden                                    | 1.00         | Christopher.      | 16  | Yonkers                       | 15     | Franklin.      |
| 67  | Marlboro (Cent'l Hud. Line)               | .60          | W. 10; Frank'n    | 16  | Yonkers                       | .15    | W. 10th (a)    |
| 71  | Milton                                    | .60          | W. 10; Frank'n    | 16  | Yonkers (Day Line)            | .25    | Desbrosses (a) |

### TO LANDINGS NOT ON THE HUDSON RIVER.

| ML  | Landings.                         | Fare.           | Pier—Street.       | ML  | Landings.                    | Fare.            | Pier—Street.   |
|-----|-----------------------------------|-----------------|--------------------|-----|------------------------------|------------------|----------------|
| 20  | Atlantic Highlands, N. J.         | \$0.60          | Rector.            | 128 | Middletown, Ct.              | \$1.50           | Peck Slip.     |
|     | Bedloe's (Liberty) Isl. Exc.      | .25             | Battery.           | 35  | New Brunswick, N. J.         | .50              | 6, N. R.       |
| 230 | Boston, via Fall River            | *3.00           | Warren.            | 76  | New Haven, Ct.               | 1.00             | Peck Slip.     |
| 215 | Boston, via Stonington            | *3.00           | Spring.            | 76  | New Haven, Starin's Line     | .75              | Dey.           |
| 228 | Boston, via New London            | *3.00           | Spring.            | 120 | New London, Ct.              | 1.00             | Spring.        |
| 215 | Boston, via Providence Line       | †4.00           | Murray.            | 150 | Newport, R. I.               | *2.00            | Murray.        |
|     | Boston, Narrag't Bay Line.        | 3.50            | Peck Slip.         | 46  | Northport, L. I.             | .75              | Broome.        |
|     | Bridgeport, Ct.                   | .50             | 39, E. R. †        | 120 | Orient, L. I.                | 1.50             | 15, E. R.      |
| 5   | College Point, L. I.              | .10             | E. 99th.           | 24  | Perth Amboy, N. J.           | .25              | 6, N. R.       |
|     | Coney Island (in Summer)          | .15             | W. 22d (c).        | 34  | Pleasure Bay, N. J.          | .35              | W. 13, Battery |
| 22  | David's Island.                   | Pass 3, E. R.   |                    | 29  | Portchester, N. Y.           | .35              | Clinton.       |
| 18  | Elizabethport, N. J.              | 15.19           | E. R.              | 185 | Providence, R. I.            | †3.00            | Murray.        |
| 9   | Essex, Ct.                        | 1.50            | Peck Slip.         | 185 | Providence, R. I., Narragan- |                  |                |
| 176 | Fall River, Mass.                 | *2.00           | Warren.            |     | sett Bay Line                | g 2.50           | Peck Slip.     |
|     | Fishing Banks                     | Exc.            | 1.00 E 31st.       | 35  | Red Bank, N. J.              | .50              | Franklin.      |
|     | Fishing Banks                     | Exc.            | .50 E 21st.        | 25  | Rockaway B'ch (in Summer)    | (c) W. 20th (d). |                |
| 8   | Ft. Hamilton, Ft. Wadsworth       | Pass 3, E. R.   |                    | 35  | Roslyn, L. I.                | .35              | Peck Slip. †   |
| 13  | Fort Schuyler                     | Pass 3, E. R.   |                    | 21  | Rossville, S. I.             | .25              | 6, N. R.       |
| 28  | Glen Cove, L. I.                  | .35             | Peck Slip. †       | 140 | Sag Harbor, L. I.            | 1.50             | 15, E. R.      |
|     | Glen Island, N. Y. †              | Exc.            | .40 Cortlandt (f). | 92  | Saybrook, Ct.                | 1.50             | Peck Slip.     |
|     | Governor's Island                 | Pass Whitehall. |                    | 30  | Seabright, N. J.             | .35              | W. 13, Battery |
| 18  | Great Neck, L. I.                 | .35             | Peck Slip. †       | 29  | Sea Cliff, L. I.             | .35              | Peck Slip. †   |
| 125 | Greenport, L. I.                  | 1.50            | 15, E. R.          | 130 | Shelter Island, L. I.        | 1.50             | 15, E. R.      |
| 30  | Greenwich, Ct.                    | .35             | Clinton.           | 26  | South Amboy, N. J.           | .20              | 6, N. R.       |
| 150 | Hartford, Ct.                     | 1.50            | Peck Slip.         | 138 | Southold, L. I.              | 1.50             | 15, E. R.      |
| 25  | Highlands, N. J.                  | .35             | Franklin.          | 38  | Stamford, Ct.                | .35              | Pike †         |
| 25  | Highland Beach, N. J.             | .35             | W. 13th.           | 5   | St. George, S. I.            | .05              | Whitehall.     |
| 40  | Huntington, L. I.                 | .50             | Clinton.           | 125 | Stonington, Ct.              | 1.50             | Spring.        |
| 27  | Keyport, N. J.                    | .30             | Bloomfield.        | 6   | Tompkinsville, S. I.         | .10              | Whitehall.     |
| 34  | Long Branch, N. J.                | .50             | 10 E. R.           | 24  | Tottenville, S. I.           | .25              | 6, N. R.       |
| 34  | Long Branch, C. R. R. N. J. Boats | 1.00            | Rector. †          | 13  | Willets Point                | Pass 3, E. R.    |                |
| 34  | Long Branch, Patten Line.         | .35             | W. 13; Battery     |     |                              |                  |                |

\* Winter rate; Summer rate, \$1 extra. † Runs in Summer only. ‡ Lands at E. 31st St. also. § Runs until close of navigation. ¶ Winter rate; Summer rate, 50c. extra. (a) Lands also at W. 22d St. (b) Winter rate; Summer rate, \$3. (c) Excursion, week days, 40c.; Sundays, 50c. (d) Lands at Christopher St. and Battery also, and Fulton St., Brooklyn. (e) Lands also at Pier 1, N. R. (f) Lands at E. 32d St. also, and at S. 5th St., Brooklyn. (g) Winter rates, \$1.75. (h) Summer rates, \$1.75.

**Banks in Brooklyn and Queens Boroughs.**

**NATIONAL AND STATE BANKS.**

| NAME.                    | Location.           | Capital.  | President.              | Cashier.                | Discount Days. |
|--------------------------|---------------------|-----------|-------------------------|-------------------------|----------------|
| Bedford.....             | Bed' d & Halsey.    | \$150,000 | E. G. Blackford.....    | Howard M. Smith.....    | Tuesday.       |
| Broadway.....            | 12 Graham Ave.      | 100,000   | H. Eatterman.....       | George F. Moger.....    | Daily.         |
| Brooklyn.....            | Clinton & Fulton.   | 300,000   | H. E. Hutchinson.....   | Thomas M. Halsey.....   | Tuesday.       |
| Eighth Ward.....         | 3d Ave. & 39th St.  | 100,000   | John C. Kelley.....     | Wm. J. Brown.....       | Tues. and Fri. |
| Far Rockaway.....        | Far Rockaway.....   | 25,000    | S. E. Smith.....        | V. W. Smith.....        | Wednesday.     |
| First Avenue.....        | 9th St. & 5th Ave.  | 100,000   | A. P. Wells.....        | I. Simonson.....        | Wednesday.     |
| Fifth National.....      | Kent Av. & B wy     | 300,000   | John G. Jenkins.....    | W. A. Field.....        | Wed. and Sat.  |
| Flushing.....            | Flushing.....       | 50,000    | Joseph Dykes.....       | W. H. D. Nimmo.....     | Saturday.      |
| Hamilton.....            | 79 Hamilton Ave.    | 100,000   | Frank H. Parsons.....   | Wm. A. Conklin.....     | Tues. and Fri. |
| Jamaica.....             | Jamaica.....        | 50,000    | John H. Sutphin.....    | William L. Wood.....    | .....          |
| Kings County.....        | 12 Court St.....    | 150,000   | O. M. Denton.....       | H. B. Auten.....        | Daily.         |
| Manufact'ers' Nat.....   | 84 Broadway.....    | 252,000   | John Loughran.....      | J. T. Fountain.....     | Tues. and Fri. |
| Mechanics'.....          | Court & Mon'gue.    | 500,000   | George W. White.....    | Chas. E. Wheeler.....   | Tuesday.       |
| Mechanics & Traders..... | F' k'n & Gr' point. | 100,000   | Henry J. Oldring.....   | Geo. W. Payntar.....    | Tues. and Fri. |
| Merchants'.....          | 808 Broadway....    | 100,000   | E. M. Hendrickson.....  | Thomas L. Jones.....    | Wednesday      |
| Nassau National.....     | Court & Remsen.     | 300,000   | Thomas T. Barr.....     | Edgar McDonald.....     | .....          |
| National City.....       | 350 Fulton St.....  | 300,000   | Charles T. Young.....   | Henry M. Wells.....     | Daily.         |
| North Side.....          | 33 Grand St.....    | 100,000   | Thomas W. Kiley.....    | Charles A. Sackett..... | Tues. and Fri. |
| People's.....            | B' way & Greene.    | 100,000   | James Gascoine.....     | H. B. Coombe.....       | Tues. and Fri. |
| Queens County.....       | Long Island City.   | 100,000   | Walter E. Frew.....     | James P. Besemer.....   | Tues. and Fri. |
| Schermerhorn.....        | 353 Schermerh'n.    | 100,000   | Charles H. Roberts..... | Arthur P. Smith.....    | .....          |
| Seventeenth Ward.....    | 883 Manhat'n Av.    | 100,000   | E. A. Walker.....       | W. H. Webster.....      | Tues. and Fri. |
| Sprague National.....    | 4th Av. & Atlantic  | 200,000   | N. T. Sprague.....      | James M. Doremus.....   | Daily          |
| Twenty-sixth Ward.....   | 2590 Atlantic Ave.  | 100,000   | Dimas Jewell.....       | J. K. Alexander.....    | Tues. and Fri. |
| Union.....               | Court & Mon'gue.    | 100,000   | S. M. Griswold.....     | James T. Ashley.....    | Daily.         |
| Wallabout.....           | 418 Myrtle Ave..    | 100,000   | Charles M. Englis.....  | Joseph B. Pigot.....    | Daily.         |
| Woodhaven.....           | Woodhaven.....      | 25,000    | Wm. F. Wyckoff.....     | John L. Wyckoff.....    | Tues. and Fri. |

**Banks for Savings in Brooklyn and Queens Boroughs.**

| NAME.                      | Location.                        | President.         | No. of Depositors. | Deposits.  | Rate of Int.† | Surplus.  | Business Hours. [Unless otherwise stated banks close at 12 noon on Saturdays.]                           |
|----------------------------|----------------------------------|--------------------|--------------------|------------|---------------|-----------|--|
| Brevort.....               | 1198 Fulton St.                  | Felix Campbell..   | 4,150              | \$815,000  | 3%            | \$15,000  | 9 A. M. to 3 P. M.   |
| Brooklyn....               | Clinton & Pierre-<br>pont Sts.   | Bryan H. Smith..   | 59,177             | 34,024,761 | 3%            | 2,888,271 | 10 A. M. to 3 P. M.; Mon-<br>day, 5 to 7 P. M. also.   |
| Bushwick....               | Grand St., cor.<br>Graham Ave.   | Joseph Liebmann    | 5,401              | 1,640,938  | 4             | 54,732    | 10 A. M. to 3 P. M.; Mon-<br>day, 4 to 7 P. M. also.   |
| City.....                  | 4th & Flatbush.                  | R. Rushmore...     | 4,000              | 900,000    | 3½            | 26,500    | 9 A. M. to 3 P. M.; Mon-<br>day, 6 to 8 P. M. also.  |
| College Point              | College Point...                 | Geo. L. Gillette.. | 1,926              | 529,499    | 4             | 92,610    | 9 A. M. to 3 P. M.; Wed. &<br>Sat., 6 to 8 P. M. also.   |
| Dime.....                  | Court & Remsen<br>Sts.           | B. H. Huntington   | 59,135             | 24,744,557 | 3%            | 2,069,792 | 9 A. M. to 3 P. M.; Mon-<br>day, 5 to 7 P. M. also.  |
| Dime of Will-<br>iamsburg. | 52 Broadway....                  | John Mollenhauer   | 8,844              | 3,857,801  | 3½            | 271,022   | 10 A. M. to 3 P. M.; Mon-<br>day, 5 to 7 P. M. also.   |
| F. Brooklyn..              | 643 Myrtle Ave.                  | D. R. James.....   | 10,406             | 3,001,664  | 3½            | 300,734   | 9 A. M. to 3 P. M.   |
| East District              | Broadway and<br>Gates Ave.       | Lewis E. Meeker    | 2,745              | 306,420    | 4             | 3,921     | 10 A. M. to 3 P. M.; Mon-<br>day, 6 to 8 P. M. also.   |
| E. New York                | Atlantic and<br>Penna. Aves.     | Fred. Middendorf   | 4,222              | 1,030,145  | 4             | 122,416   | 10 A. M. to 3 P. M.; Mon-<br>day, 7 to 9 P. M. also.   |
| German.....                | Broadway and<br>Boerum St.       | Charles Naeber...  | 17,861             | 4,950,852  | 4             | 385,000   | 10 A. M. to 2 P. M.; Mon-<br>day, 5 to 8 P. M. also.   |
| Germania....               | 375 Fulton St. .                 | .....              | 10,400             | 3,903,474  | 3%            | 298,075   | 9 A. M. to 3 P. M.; Mon-<br>day, 5 to 7 P. M. also.  |
| Greater New<br>York.       | 5th Ave., cor.<br>12th St.       | C. J. Obermayer..  | 1,319              | 95,500     | 4             | 2,500     | 9 A. M. to 4 P. M.; Mon-<br>day, 7 to 9 P. M. also.  |
| Greenpoint..               | 845 Manhattan<br>Ave.            | Timothy Perry...   | 9,800              | 3,152,000  | 3%            | 489,000   | 9 A. M. to 2 P. M.; Mon-<br>day, 5 to 8 P. M. also.  |
| Jamaica.....               | Jamaica.....                     | J. H. Sutphin..... | 4,067              | 1,541,570  | 4             | 195,389   | 9 A. M. to 4 P. M.   |
| Kings County               | Broadway and<br>Be'ford Ave.     | James S. Bearns..  | 11,443             | 6,657,285  | 4             | 622,974   | 9 A. M. to 3 P. M.; Mon-<br>day, 4 to 7 P. M. also.  |
| L. I. City*....            | Long Isl'd City.                 | W. J. Burnett..... | 7,500              | 1,143,000  | ..            | 123,000   | 9 A. M. to 4 P. M.   |
| Queens Co....              | Flushing.....                    | George Pople.....  | 3,206              | 957,308    | ..            | 75,000    | Mon., 4 to 7 P. M.; Wed.,<br>10 A. M. to 3 P. M.;<br>Thurs., 7 to 8 P. M.;<br>Sat., 10 A. M. to 12 noon. |
| S. Brooklyn..              | Atlantic Ave.<br>and Clinton St. | Alex. E. Orr.....  | 30,741             | 15,193,000 | 3%            | 1,266,000 | 9 A. M. to 3 P. M.; Mon-<br>day, 6 to 8 P. M. also.  |
| Williamsb'rg               | 175 Broadway..                   | J. V. Meserole.... | 81,000*            | 34,500,000 | 4             | 4,000,000 | 10 A. M. to 3 P. M.  |

\* Report of January 1, 1899. † Subject to change.

**Safe Deposit Co's in Brooklyn and Queens Boroughs.**

Brooklyn City, Montague and Clinton Streets.  
 Brooklyn Warehouse and Storage Company, 335  
 Schermerhorn Street.  
 Eagle Warehouse and Storage Company, 28 Ful-  
 ton Street.  
 First National, Kent Avenue and Broadway.

Franklin, 166 Montague Street.  
 Long Island, Fulton and Clinton Streets.  
 Mechanics and Traders', Franklin Street and  
 Greenpoint Avenue.  
 Pioneer, 41 Flatbush Avenue.

## Schools in Brooklyn Borough.

Gr.—Grammar.

Int.—Intermediate.

Pr.—Primary.

| No.      | Location.                          | No.      | Location.                           | No.       | Location.  |
|----------|------------------------------------|----------|-------------------------------------|-----------|--|
| 1, Gr.   | Adams, cor. Concord st.            | 51, Int. | Meeker ave., cor. Humboldt st.      | 89, Pr.   | Newkirk ave., cor. E. 31st st.                         |
| 2, Gr.   | 46th st., near 3d ave.             | 52, Pr.  | Ellery, near Broadway.              | 90, Gr.   | E. B'way, cor. Locust st.                              |
| 3, Gr.   | Hancock, n' r Bedford ave.         | 53, Pr.  | Starr, near Central ave.            | 91,       | E. New York, near Albany av. (Annex No. 90)            |
| 4, Int.  | Berkeley pl., near 5th ave.        | 54, Int. | Walworth, n' r Myrtle ave.          | 92,       | Rogers ave., near Robinson st. (Annex No. 90).         |
| 5, Gr.   | Duffield, cor. Johnson st.         | 55, Int. | Floyd, n' r Tompkins ave.           | 93, Int.  | Lawrence ave., bet. Ocean Parkway and 3d st.           |
| 6, Int.  | Warren, near Smith st.             | 56, Pr.  | Bushwick ave., corner Madison st.   | 94, Gr.   | Prospect ave., near Adams pl.                          |
| 7, Int.  | York, near Bridge st.              | 57, Pr.  | Reid ave., corner Van Buren st.     | 95, Int.  | Van Siclen, near Neck rd.                              |
| 8, Int.  | Middagh, near Henry st.            | 58, Pr.  | Degraw, near Smith st.              | 96, Int.  | Ocean ave., near Neck rd.                              |
| 9, Gr.   | Stirling pl., cor. Vanderbilt ave. | 59, Pr.  | Leonard n' r Nassau ave.            | 97, Int.  | Benson, cor. 25th ave.                                 |
| 10, Gr.  | 7th ave., near 11th st.            | 60, Pr.  | 4th ave., cor. 20th st.             | 98, Int.  | Ave. Z, cor. E. 26th st.                               |
| 11, Gr.  | Washington, near Greene ave.       | 61, Pr.  | Bradford, n' r Liberty ave.         | 99, Int.  | Coney Isl. rd. & Elm ave.                              |
| 12, Gr.  | Adelphi, near Myrtle ave.          | 62, Pr.  | Hinsdale, near Glenmore ave.        | 100, Gr.  | W. 3d, bet. Park pl. and Sheepshead ave.               |
| 13, Gr.  | Navy, cor. Concord st.             | 63, Pr.  | Berriman, near Belmont ave.         | 101, Gr.  | 86th st., near 18th ave.                               |
| 14, Int. | 3d ave., cor. State st.            | 64, Pr.  | Richmond, near Ridge-wood ave.      | 102, Gr.  | 71st st. and 2d ave.                                   |
| 15, Gr.  | Wilson, n' r Bedford ave.          | 65, Pr.  | Osborn, near Sutter ave.            | 103, Gr.  | 14th ave. bet. 53d & 54th sts.                         |
| 16, Gr.  | Driggs ave., cor. N. 5th st.       | 66, Pr.  | N. Elliott pl., near Park ave.      | 104, Int. | 92d st., cor. 5th ave.                                 |
| 17, Gr.  | Maujer, near Ewen st.              | 67, Int. | Bushwick ave., cor. Kosciusko st.   | 105, Pr.  | Ft. Hamilton av., bet. 58th and 59th sts (Br. No. 103) |
| 18, Gr.  | S. 2d, cor. Keap st.               | 68, Pr.  | Union ave., n' r Stagg st.          | 106, Gr.  | Hamburg & Putnam avs.                                  |
| 19, Gr.  | Union ave., near N. 2d st.         | 69, Pr.  | Patchen ave., cor. Macon st.        | 107, Int. | 8th ave. and 13th st.                                  |
| 20, Int. | McKibbin, near Ewen st.            | 70, Int. | Heyward, near Lee ave.              | 108, Gr.  | Linwood, cor. Arlington av.                            |
| 21, Pr.  | Java, n' r Manhattan ave.          | 71, Int. | New Lots rd., corner Schenck st.    | 109, Int. | Dumont ave., bet. Powell and Sackman sts.              |
| 22, Int. | Conselyea, near Humboldt st.       | 72, Gr.  | McDougal, cor. Rockaway ave.        | 110, Pr.  | Monitor st. & Driggs ave.                              |
| 23, Gr.  | Arlon Pl., cor. Beaver st.         | 73, Gr.  | Bushwick ave., corner Kosciusko st. | 111, Pr.  | Sterling pl., cor. Vanderbilt ave.                     |
| 24, Int. | Lafayette, n' r Sumner av.         | 74, Gr.  | Evergreen ave., corner Ralph st.    | 112, Int. | 67th st. and 18th ave.                                 |
| 25, Gr.  | Gates, near Ralph ave.             | 75, Int. | Wyona, near Fulton st.              | 113, Int. | Evergreen ave. and Mofatt st.                          |
| 26, Gr.  | Nelson, cor. Hicks st.             | 76, Int. | 2d st., near 6th ave.               | 114, Int. | Rensselaer, cor. Ave. F.                               |
| 27, Gr.  | Herkimer, n' r Ralph ave.          | 77, Gr.  | Pacific ave., n' r Court st.        | 115, Pr.  | Ave. M, near E. 94th st. (Branch of No. 114).          |
| 28, Int. | Columbia, cor. Amity st.           | 78, Pr.  | Kosciusko, near Sumner ave.         | 116,      | Knickerbocker ave. and Grove st.                       |
| 29, Pr.  | Wolcott, n' r Van Brunt st.        | 79, Pr.  | New York ave. and Herkimer st.      | 117, Pr.  | Stagg st. & Bushwick av.                               |
| 30, Gr.  | Dupont, near Manhattan ave.        | 80, Pr.  | 4th ave., cor. 36th st.             | 118, Int. | 59th st. and 4th ave.                                  |
| 31, Gr.  | Royt, cor. President st.           | 81, Int. | Bergen, corner Schenectady ave.     | 119,      | Flatlands.   |
| 32, Gr.  | Heyward, near B'way.               | 82, Int. | Glenmore, cor. Stone ave.           | 120,      | Barren Island.   |
| 33, Gr.  | Norman ave., near Eckford st.      | 83, Int. | Evergreen ave., corner Covert st.   | 121, Pr.  | Flatlands.   |
| 34, Gr.  | Decatur, cor. Lewis ave.           | 84, Int. | Irving ave., cor. Harman st.        | 122,      | Harrison ave. and Heyward st.                          |
| 35, Gr.  | Stagg, n' r Bushwick ave.          | 85, Int. | Herkimer, cor. Radde pl.            | 123,      | Irving ave. & Suydam st.                               |
| 36, Gr.  | 4th, near Berry st.                | 86, Int. | Vandervoort ave., cor. Thames st.   | 124,      | 4th ave. and 13th st.                                  |
| 37, Gr.  | N. 7th, near Berry st.             | 87, Pr.  |                                     | 125,      | Blake and Thatford avs.                                |
| 38, Pr.  | 6th ave., cor. 8th st.             | 88, Pr.  |                                     | 126,      | Meserote ave. & Guernsey st.                           |
| 39, Int. | 15th st., near 4th ave.            |          |                                     |           | Jamaica ave., opp. Enfield st.                         |
| 40, Gr.  | Dean, cor. New York ave.           |          |                                     |           |  |
| 41, Gr.  | St. Mark's, n' r Classon ave.      |          |                                     |           |  |
| 42, Int. | Boerum, near Ewen st.              |          |                                     |           |  |
| 43, Gr.  | Throop, cor. Putnam ave.           |          |                                     |           |  |
| 44, Gr.  | Lafayette, n' r Classon ave.       |          |                                     |           |  |
| 45, Gr.  | Union, near Henry st.              |          |                                     |           |  |
| 46, Pr.  | Schermerhorn, n' r 3d ave.         |          |                                     |           |  |
| 47, Pr.  | N. 1st, near Bedford ave.          |          |                                     |           |  |
| 48, Pr.  | Maujer, n' r Graham ave.           |          |                                     |           |  |
| 49, Pr.  | S. 4th, n' r Havemeyer st.         |          |                                     |           |  |
| 50, Pr.  |                                    |          |                                     |           |  |

## EVENING SCHOOLS.

|         |                              |         |                               |                    |  |
|---------|------------------------------|---------|-------------------------------|--------------------|--|
| 1.....  | Adams, cor. Concord st.      | 33..... | Heyward, near B'way.          | 100.....           | W. 3d st., bet. Park pl. and Sheepshead ave. |
| 2.....  | 46th st., near 3d ave.       | 40..... | 15th st., near 4th ave.       |                    |  |
| 15..... | Degraw, near Hicks st.       | 45..... | Lafayette, near Classon ave.  | High School,       | Schermerhorn st., near 3d ave.               |
| 17..... | 3d ave., cor. State st.      | 84..... | Glenmore, cor. Stone ave.     | W. D. High School, |  |
| 18..... | Driggs ave., cor. N. 5th st. | 85..... | Evergreen ave. and Covert st. | E. D.              | S. 2d, cor. Keap st.                         |
| 22..... | Maujer, near Ewen st.        |         |                               |                    |  |
| 23..... | Java, n' r Manhattan ave.    |         |                               |                    |  |
| 24..... | Wall, cor. Beaver st.        |         |                               |                    |  |

## INDUSTRIAL AND ASYLUM SCHOOLS.

| NAME.   | Location.                              |
|---|--|
| Orphan Asylum Society of the City of Brooklyn.....                          | 1423-1435 Atlantic avenue.             |
| R. C. Orphan Asylum Society (Boys).....                                     | Albany and St. Mark's avenues.         |
| R. C. Orphan Asylum Society (Girls).....                                    | Willoughby, corner Sumner avenue.      |
| Church Charity Foundation of Long Island.....                               | Albany avenue and Herkimer street.     |
| Brooklyn Howard Colored Orphan Asylum.....                                  | Dean street, corner Troy avenue.       |
| Industrial School Association (Brooklyn, E. D.).....                        | 141-153 South 3d street.               |
| Brooklyn Industrial School Association and Home for Destitute Children..... | Sterling place, near Flatbush avenue.  |
| German Orphan Home.....   | Graham avenue, corner Montrose avenue. |
| Convent of Sisters of Mercy.....  | 273 Willoughby avenue.                 |
| Sheltering Arms Nursery.....  | 157 Dean street.                       |

## HIGH SCHOOLS.

|                                  |   |
|----------------------------------|---|
| Girls' High School.....          | Nostrand avenue, corner Halsey street.  |
| Boys' High School.....           | Putnam, corner Marcy avenue.            |
| Training School.....             | Ryerson street, near Myrtle avenue.     |
| Manual Training High School..... | Court street, corner Livingston street. |
| Erasmus Hall High School.....    | Flatbush avenue, near East Broadway.    |

**Post-Office—Brooklyn Borough, New York.**

FRANCIS H. WILSON, Postmaster; WILLIAM J. TAYLOR, Assistant-Postmaster; JOHN SCHENCK, Secretary.

**OFFICES AND OFFICE HOURS.**

ENTRANCE FLOOR.

- Postmaster.**—Room 2. Office hours, 9 A.M. to 5 P.M.
- Assistant-Postmaster.**—Room 3. Office hours 9 A.M. to 5 P.M.
- Cashier.**—Room 4. Office hours, 9 A.M. to 5 P.M.
- Superintendent City Delivery.**—Room 11. Office hours, 9 A.M. to 5 P.M.
- Superintendent of Mails.**—Room 12. Office hours, 9 A.M. to 5 P.M.
- Inquiry Department.**—Room 8. Office hours, 8 A.M. to 6 P.M.
- Money-Order Department.**—Rooms 6 and 7. Office hours, 9 A.M. to 5 P.M.
- Registry Department.**—Room 9. Office hours, 8 A.M. to 8 P.M.
- Poste Restante.**—Window in Johnson Street Corridor.
- Postage Stamps, etc., in amounts over \$2.**—Wholesale Window, Johnson Street Corridor.
- Mail in Quantities.**—Received at Window of Superintendent of Mails in Washington Street Corridor
- Drops.**—In Washington Street Corridor.
- Lock Boxes.**—Johnson Street Corridor.

On general holidays all mails are closed at 10 A. M., and the first carrier delivery only is made.

**BRANCH POST-OFFICES.**

- A,** 14 and 16 Graham Avenue.
- B,** 1266-68 Fulton Street.
- C,** 1191 Third Avenue.
- D,** 1923 Fulton Street.
- E,** 2648 Atlantic Avenue.
- F,** 830 Flatbush Avenue.
- G,** 328 Manhattan Avenue.
- H,** Bath Avenue, near 19th Street (Bath Beach).
- K,** 13th Avenue and 55th Street (Blythebourne).
- L,** Rockaway Avenue, between Avenues F and G (Canarsie).
- M,** Arcade Place, near Surf Avenue (Coney Island).
- N,** Fourth Avenue and 99th Street (Fort Hamilton).
- O,** Voorhies Avenue, between 22d and 23d Streets (Sheepshead Bay).
- S,** Broadway and Greene Avenue.
- V,** Fifth Avenue and 9th Street.
- W,** Broadway and South 8th Street.

[All branch stations are opened on week days from 7 A.M. to 9 P.M.; for money-order business from 8 A.M. to 6 P.M.; for the registry of letters from 8 A.M. to 7 P.M. On Sundays stations are open from 10 to 11 A.M., and on holidays from 7 to 10 A.M. No money-order or registry business is transacted on Sundays or holidays.]

**Hospitals, Dispensaries, Etc., in Brooklyn Borough.**

- Bedford Dispensary, 327 Ralph Ave. W. M. Clow-minzer, Sec.
- Brooklyn Diet Dispensary, 21 De Kalb Ave. Mrs. T. D. Hunting, Rec. Sec. Branches, 28 Sackett St., 231 Lorimer St., 295 Howard Ave., and 883 Myrtle Ave.
- Brooklyn Homeopathic Dispensary (E. D.), 194 S. 3d St. Geo. V. Tompkins, Sec.
- Brooklyn Homeopathic Hospital and Dispensary, 109 Cumberland St. Geo. H. Iler, Chief of Staff.
- Brooklyn Hospital, Raymond St., near De Kalb Ave. C. V. Dudley, Supt.
- Brooklyn Maternity, 48 Concord St. Mrs. Sidney Starbuck, Sec.
- Brooklyn Throat Hospital, Bedford Ave., cor. S. 3d St. J. D. Bell, Pres.
- Bushwick Hospital, 1038 Greene Ave. J. L. Macomber, Supt.
- Bushwick and East Brooklyn Dispensary, 1099 Myrtle Ave. John W. James, Pres.
- Central Dispensary, 293d Ave. Wm. J. Gelston, Sec.
- Central Homeopathic Dispensary, 295 Howard Ave. Mrs. H. M. Johnson, Sec.
- Central Throat Hospital and Polyclinic Disp'y, Broadway and Howard Ave. E. W. Wright, Sec.
- City Dispensary, 11 Tillary St. H. W. Beebe, Sec.
- Columbian Dispensary, 140 Clermont Ave. Geo. E. Kuhn, M. D. Pres.
- Dispensary (Church Charity Foundation), Atlantic Ave., cor. Waverly Ave.
- Dispensary of the Memorial Hospital for Women and Children, 811 Bedford Av. Lottie A. Cort, Pres.
- E. D. Hospital and Dispensary, 108 S. 3d St. Geo. V. Tompkins, Sec.
- Eclectic Dispensary, 142 Prince St. J. Wilshear, Sec.
- Eye and Ear Hospital, 94 Livingston St. F. H. Colton, M.D., Sec.
- Faith Home for Incurables, Park Pl., cor. Classon Ave. S. B. Childs, M.D., Sec.
- Gates Ave. Homeopathic Dispensary, 13 Gates Av.
- German, St. Nicholas Ave. and Stanhope St.
- Homeopathic Hospital, 109 Cumberland St. Walter Brewster, Sec.
- Home for Consumptives, Kingston Ave., cor. Butler St. Mrs. H. T. Richardson, Rec. Sec.
- Kings Co. Hospital, Clarkson St. J. T. Duryea, Supt.
- Kingston Ave. Hospital, Kingston Ave. and Fenimore St. A. S. Ambler, Supt.
- Long Island Throat and Lung Hospital, 55 Willoughby St. D. M. Woolley, Sec.
- Long Island College Disp'y, Pacific St., near Henry
- Long Island College Hospital, Henry St., near Pacific St. Geo. C. Blanke, Sec.
- Luthersches Hospital, East New York Ave., cor. Powell St.
- Memorial Hospital for Women and Children, Classon Ave., cor. St. Mark's. Mrs. A. H. Tift, Sec.
- Methodist Episcopal Hospital, 7th Ave., cor. 6th St. John S. Breckinridge, Supt.
- Norwegian Lutheran Deaconesses' Home and Hospital, 46th St., cor. 4th Ave. A. Gundersen, Sec.
- Orthopedic Dispensary, Brooklyn Hospital, Raymond St., near De Kalb. B. B. Mosher, Surgeon.
- People's Dispensary, 55 Willoughby St. T. J. Kenna, Pres.
- Plattdentscher Volksfest Verein, J. Lilenthal, Rec. Sec.
- R. C. Charitable Hospital, Bushwick Ave., near Manjer St. Sisters of St. Dominick.
- Southern Dispensary, 547½ Court St. Chas. E. Moore, Sec.
- Skene's (Alex. J. C.) Sanitarium, 759 President St.
- St. Catherine's Hospital (R. C.), Bushwick Ave., near Manjer St.
- St. Christopher's Hospital for Babies, 233 Hicks St.
- St. Giles' Home (for Cripples), 419 Clinton St.
- St. John's Hospital (Church Charity Foundation), Atlantic Ave., cor. Albany Ave. Rev. A. C. Burn. M. D., Supt.
- St. Lazarus' Dispensary, 1423 Dean St.
- St. Martha's Sanitarium and Dispensary, Dean St., cor. Kingston Ave. Mrs. J. M. Church, Sec.
- St. Mary's General Hospital, Rochester, Buffalo, and St. Mark's Aves. Sisters of Charity.
- St. Mary's Maternity and Female Hospital, 155 Dean St. Sisters of Charity.
- St. Peter's Hospital, Henry St., cor. Congress St.
- Sisters of the Poor of St. Francis.
- U. S. Naval Hospital, Flushing Ave., opp. Ryerson St. G. W. Wood, Med. Dir.
- Wells' Sanitarium for Nervous and Mental Diseases, 945 St. Mark's Av. T. L. Wells, M.D., Supt.

## Churches in Brooklyn Borough.

WITH NAMES OF PASTORS.

## BAPTIST.

Baptist Temple (First in Pierrepont St.), 3d Ave., cor. Schermerhorn St. Cortland Myers.  
 Berean, Bergen St., near Rochester Ave. L. Joseph Brown.  
 Bedford Ave., 906 Bedford Ave.  
 Bedford Heights, Bergen St., cor. Rogers Ave. William Tinker.  
 Bethany (colored), Vanderbilt Ave., near Atlantic Ave. R. I. Gaines.  
 Bushwick, Bushwick Ave., cor. Weirfield St. T. J. Whitaker.  
 Calvary, Sumner Ave., cor. Decatur St. William Nceddian.  
 Calvary Branch, Ralph Ave., near Bergen St.  
 Central, Adelphi, near Myrtle. Albert B. Sears.  
 Central, Marcy Ave., cor. S. 5th St. Frederick E. Taylor.  
 Concord (colored), Duffield St., near Myrtle Ave. Wm. T. Dixon.  
 East End, Van Sicklen Ave., near Glenmore Ave.  
 Emanuel, Lafayette Ave., cor. St. James' Pl. John Humpstone.  
 Emmanuel Chapel, 131 Steuben St. Wm. J. Sholar.  
 First Flatbush, Nostrand Ave., cor. Lenox Road Henry J. Guller.  
 First, in East New York, Hendrix St., near Fulton. R. H. Baker.  
 First, E. D., Lee Ave., cor. Keap. M. F. Negus.  
 First German, E. D., Montrose, near Union Ave. C. L. Marquardt.  
 First German, South Brooklyn, Prospect Ave., near 6th Ave.  
 First Swedish, Dean St., near 6th Ave. O. F. Engstrand.  
 Greene Ave., Greene Ave., near Lewis Ave. C. Woelfkin.  
 Greenpoint, Noble, near Manhattan. John Finch.  
 Greenwood, 4th Ave., cor. 15th. Robert B. Hull.  
 Greenwood, Chinese Branch, 133 12th St. M. Hamilton.  
 Greenwood, German Branch, 161 15th St. Gustave Apel.  
 Hanson Place, Hanson Pl., cor. S. Portland Ave. A. C. Dixon.  
 Hope, Union Ave., cor. Ten-Eyck. J. G. Ditmars.  
 Lefferts Park, Ovington and 15th Aves. J. B. McQuillin.  
 Marcy Ave., Marcy Ave., cor. Putnam Ave. W. C. P. Rhoades.  
 Memorial, 510 8th Ave. Dr. McBride.  
 Messiah (colored), Dean St., near Troy Ave.  
 Ocean Hill, Rockaway Ave., cor. Somers St. Chas. S. Daniels.  
 Pilgrim, Patchen Ave., cor. McDonough St. D. C. Hughes.  
 Second, Ainslie, near Graham Ave. W. R. Maul.  
 Second German, 261 Wallabout St. H. Trumpp.  
 Sixth Ave., 6th Ave., cor. Lincoln Pl. Chas. F. Williams.  
 Strong Pl., Strong Pl., cor. Degraw St. Frank P. Stoddard.  
 Tabernacle, Clinton, cor. 3d Pl. Erwin Dennett.  
 Trinity, Greene, cor. Patchen Ave. Harry Pethie.  
 Union Ave., Manhattan Ave., near Norman Ave. A. B. MacLaurin.  
 Washington Ave., Washington Ave., cor. Gates Ave. Robert MacDonald.  
 West End, 47th St., near 3d Ave. M. B. Russell.  
 Windsor Terrace Mission, Greenwood Ave., cor. E. 7th St. W. H. Sexton.  
 Wyckoff Ave., Wyckoff Ave., near Cooper Ave. E. Loucks.

## CONGREGATIONAL.

Atlantic Ave. Mission, Atlantic, cor. Grand Ave. W. A. Kirkwood.  
 Beecher Memorial, Herkimer St., near Rockaway Ave. D. B. Pratt.  
 Bethel, of Plymouth Church, 15 Hicks St. C. A. French.  
 Bethesda, Ralph Ave., cor. Chauncey St. Charles Herald.

## CONGREGATIONAL—Continued.

Brighton Chapel, Neptune Ave., nr. W. 5th St. Bushwick Ave., Bushwick Ave., cor. Cornelia St. Chas. W. King.  
 Central, Hancock St., near Franklin Ave. A. J. F. Behrends.  
 Clinton Ave., Clinton Ave., cor. Lafayette Ave. T. B. McLeod.  
 Immanuel Church, Decatur St. E. P. Ingersoll.  
 Lee Ave., Lee Ave., cor. Hooper St. S. H. Cox.  
 Lewis Ave., Lewis, cor. Madison. R. J. Kent.  
 Mayflower Mission, Jay St., cor. High St. W. B. Allis.  
 Nazarene (colored), Adelphi St., near Fulton St. A. J. Henry.  
 New England, S. 9th St., near Driggs Ave.  
 Park, 6th Ave., cor. 7th St. B. M. Taylor.  
 Parkville, M. P. Welcher.  
 Pennsylvania Ave., Pennsylvania n. Liberty Ave. Pilgrim (Swedish), 43 Atlantic. K. F. Ohlson.  
 Pilgrim Chapel, Henry St., cor. Degraw St. E. H. Byington.  
 Pilgrims, Henry, cor. Remsen.  
 Plymouth, Orange, near Hicks. Newel D. Hillis and Horace Porter.  
 Puritan, Lafayette Ave., cor. Marcy Ave. J. C. Wilson.  
 Rockaway Ave., Rockaway Ave., near Blake St. South, President, cor. Court. Albert J. Lyman.  
 St. James' Mission, 97 Gwinnett St.  
 Tompkins Ave., Tompkins Ave., cor. McDonough St. R. R. Meredith.  
 Tompkins Ave. Ch. Branch, Marcy Ave., cor. Park Ave. R. Meredith.  
 Willoughby Ave. Chapel, Willoughby Ave., cor. Grand Ave. Samuel W. King.

## JEWISH SYNAGOGUES.

Ahawah Achim, Johnson Ave., near Ewen St.  
 Ahawah Chesed, cor. Lorimer and Stagg Sts M. B. Newmark.  
 Baith Israel, Boorum Pl., cor. State St. M. Rosenstein.  
 Beth Jacob, Keap St., near S. 5th St. M. Edelman.  
 Bikur Cholim, Wyona, near Fulton St.  
 Bnai Shalom, 9th St., near 5th Ave. A. Ettinger.  
 Chebrah Bnei Schlme, 148 Varet St. J. Newman.  
 Cong. Beth Elohim, State St., near Hoyt St. G. Taubenhaus.  
 Cong. Ohabai Shalom, Thatford St., near Belmont Ave. Harris Max.  
 Cook St. Synagogue, 44 Cook St. Ad. Spiegel.  
 Scholes St. Synagogue, Scholes St., near Ewen St. Kalman Solomon.  
 Synagogue of Russian Jews, Seigel St.  
 Temple Beth El, of Greenpoint, 110 Noble St. Isidor Rachert.  
 Temple Beth Elohim, Keap St., near Division Ave. L. Wintner.  
 Temple Israel, Bedford Ave., cor. Lafayette Ave. L. M. Nelson.

## LUTHERAN.

Bethlehem (German), Marion St., near Reid Ave. E. H. W. Kandelhart.  
 Bethlehem (Swedish), 3d Ave. and Pacific. F. Jacobson.  
 Bethlehem (Norwegian), Russell St., near Nassau Ave. E. C. Tollefson.  
 Calvary, Rochester Ave., near Herkimer St. H. E. Clare.  
 Christ, 1084 Lafayette Ave. H. S. Knabenschuch.  
 First Scandinavian, Manhattan Ave., near Milton St. K. Guamme.  
 German Evangelical, Schermerhorn St., near Court St. Jacob W. Loch.  
 Holy Trinity, Cumberland St., near Lafayette Ave. A. Steimle.  
 Immanuel, 7th St., near 5th Ave. E. Roth.  
 Immanuel, Driggs Ave., cor. S. 5th. F. T. Koerner.



CHURCHES IN BROOKLYN BOROUGH—Continued.

LUTHERAN—Continued.

Immanuel (Swedish) Leonard St., near Driggs Ave. G. Nelsenus.  
 Messiah, Humboldt St., cor. Norman Ave. S. G. Trexler.  
 Norwegian, William, near Van Brunt. Jacob Bo. Our Saviour (Danish), 9th St., near 3d Ave. R. Andersen.  
 Our Saviour (Norwegian), Henry St., near 4th Pl. C. S. Everson.  
 Redeemer, Bedford Ave., cor. Hewes St. S. G. Weiskotten.  
 Reformation, Schenck Ave., near Atlantic Ave. H. P. Miller.  
 Salem (Danish), 123 Prospect Ave. L. H. Kjær.  
 St. James 46th St., near 4th Ave. H. C. A. Meyer.  
 St. John s Maujer St., near Graham Ave. J. P. Beyer.  
 St. John s 84th St. and 16th Ave. Louis Happ.  
 St. John s, New Jersey Ave. near Liberty Ave. J. F. Holstein.  
 St. John's, Prospect Ave., near 5th Ave Fred. H. Bosch.  
 St. John s, E. D., Milton St., near Manhattan Ave. F. W. Oswald.  
 St. Luke s, Washington Ave., near De Kalb Ave. W. Ludvig.  
 St. Mark s Bushwick Ave., cor. Jefferson St. August Emli Frey.  
 St. Matthew s (German) E. 92d St., near Flatlands Ave. A. Wuerstlin.  
 St. Matthew s (German), N. 5th St., near Driggs Ave. Gustave Sommer.  
 St. Matthew's, 6th Ave., cor. 2d St. Albert H. Studebaker.  
 St. Paul s, Knickerbocker Ave., cor. Palmetto St. Th. Gross  
 St. Paul's, Henry St., near 3d Pl. John Huppenbauer.  
 St. Paul's, Wyona, near Glenmore. J. F. Flath.  
 St. Paul's, E. D., S. 5th St., cor. Rodney St. H. W. Hoffmann.  
 St. Paul's (Swedish), 392 McDonough St. J. S. Brodeen.  
 St. Peter's, Bedford Ave., near De Kalb Ave. John J. Heischmann.  
 St. Peter's, E. D., Rodney St., near S. 2d St. F. Dietz.  
 St. Stephen's, Newkirk Ave., cor. E. 28th St. L. D. Gable.  
 Trinity, Harrison St., cor. Tompkins Pl. J. Holthusen.  
 Trinity (Norwegian), 27th St., near 5th Ave. M. H. Hegge.  
 Wartburg Chapel, Georgia Ave. and Fulton St. C. H. Loeber.  
 Zion, Henry St., near Clark St. E. C. J. Kraeling.  
 Zion, Locust St., near Grant St. Paul F. Jubelt.

METHODIST EPISCOPAL.

Andrew's, Richmond St., near Etna St. F. G. Howell.  
 Bath Beach, Benson Ave., cor. Bay 14th St.  
 Bethany, Troy, cor. Herkimer. C. A. Cederberg.  
 Buffalo Ave., Buffalo Ave., cor. Bergen St. W. M. Stonehill.  
 Bushwick Ave., Bushwick Ave., cor. Madison St. W. A. Layton.  
 Carroll Park (Norwegian), Carroll St., near Hoyt St. S. E. Simonsen.  
 Central, S. 5th St., near Driggs. Geo. Adams.  
 Cropsey Ave., Cropsey, near 17th. J. H. Slater.  
 De Kalb Ave., De Kalb Ave., near Franklin Ave. J. B. Hamilton.  
 Eighteenth St., 18th, near 5th Ave. F. A. Scofield.  
 Emanuel (Swedish), Dean St., near 5th Ave. H. W. Ecklund.  
 Embury, Decatur St., cor. Lewis Ave. G. E. Strobridge.  
 Epworth, Bushwick, cor. De Kalb. W. E. Schoonhoven.  
 Fennimore St., Fennimore St., cor. Rogers Ave. J. H. Bell.  
 First, Greenpoint, Manhattan Ave., near Java St. W. H. Lawrence.

METHODIST EPISCOPAL—Continued.

First Pl., First Pl., cor. Henry St. F. B. Stockdale.  
 Fleet St., Fleet, cor. Lafayette. J. B. Stockdale.  
 Fourth Ave., 4th Ave., cor. 47th. R. W. Jones.  
 Grace, 7th Ave., cor. St. John's Pl. C. S. Wing.  
 Grace, Bay Ridge. W. L. Davison.  
 Greenpoint Tabernacle, Manhattan Ave., opp. Noble St. D. A. Jordan.  
 Goodsell, Sheridan Ave., cor. Adams.  
 Hanson Pl., Hanson Pl., cor. St. Felix St. C. L. Goodell.  
 Janes, Reid Ave., cor. Mouroe St. O. F. Bartholow.  
 Kensington, J. F. Duinkerke.  
 Knickerbocker Ave., Knickerbocker Ave., cor. Ralph St.  
 Lenox Road, Lenox Rd., near Flatbush Ave. J. H. Hand.  
 New York Ave., New York Ave., cor. Herkimer St. A. S. Kavanagh.  
 North Fifth St., N. 5th St., near Bedford Ave. E. H. Dutcher.  
 Norwegian, 58th St., near 12th Ave.  
 Nostrand Ave., Nostrand Ave., cor. Quincy St. J. H. Willey.  
 Pettit Memorial, Park Ave., near Bedford Ave.  
 Union, Powers St., near Lorimer. C. P. Corner.  
 Ridley Memorial, Lawrence Ave., near Ocean Parkway. Lemuel Richardson.  
 Russell Pl., Russell Pl., cor. Herkimer St. C. S. Williams.  
 Sands St., Henry St., cor. Clark. A. MacRossie.  
 Sheephead Bay, Voorhees Ave., cor. Ocean Ave. T. Stephenson.  
 Simpson, Clermont Ave., cor. Willoughby Ave. T. S. Henderson.  
 Sixth Ave., 8th St., near 6th Ave. S. O. Curtice.  
 South Second St., S. 2d, near Driggs. R. S. Parlington.  
 South Third St., S. 3d, cor. Union. W. Hamilton.  
 St. John's, Bedford, cor. Wilson. D. G. Downey.  
 St. Jude s, 56th St., near 11th. H. H. Du Bois.  
 St. Paul's, Richards St., near Sullivan St. Frederick Stiehler.  
 Summerfield, Washington Ave., cor. Greene Ave. J. R. Thompson.  
 Sumner Ave., Sumner Ave., cor. Van Buren St. H. H. Beattys.  
 Tompkins Ave., Tompkins Ave., cor. Willoughby. W. W. T. Duncan.  
 Warren St., Warren St., near Smith. A. W. Byrt.  
 Wesley, Glenmore Ave., cor. Atkins Ave. G. Loos.  
 Williams Ave., Williams Ave., near Atlantic Ave. L. R. Streeter.  
 Windsor Terrace, Greenwood Ave., cor. Prospect. S. H. Smith.  
 York St., York St., near Gold St. W. M. Hughes.

METHODIST EPISCOPAL.

(GERMAN.)

First German, Marcy Ave., cor. Penn St. L. Wallon.  
 Greene Ave., 1171 Greene Ave. Wm. Giesregen.  
 Ridgewood Heights, cor. Woodward Ave. and Grov St. A. Wable.  
 St. John's, Sumner Pl., near Flushing Ave. John Lange.  
 Vanderveer Park, cor. 38th St. and Ave. D. William Hesskamp.  
 Wyckoff St., Wyckoff St., near Smith George Albert Simons.

METHODIST PRIMITIVE.

First, Park Ave., near Canton. Richard Cookson.  
 Orchard, Oakland St., near Nassau Ave. John J. Arnaud.  
 Welcome, Classon Ave., near Myrtle Ave. Joseph W. Norris.

METHODIST PROTESTANT.

Grace, E. 92d St., cor. Church Lane.  
 Trinity, S. 4th St., cor. Roebing St.

## CHURCHES IN BROOKLYN BOROUGH—Continued.

## AFRICAN METHODIST EPISCOPAL.

Union Bethel, Schenectady Ave., cor. Dean St. W. S. Kane.  
 Union Zion, S. 3d St., cor. Hooper. J. H. Mason.  
 Wesleyan, Bridge, near Myrtle Ave. J. M. Henderson.  
 Zion, Fleet St., near Myrtle Ave. W. H. Coffey.  
 Zion, Gravesend Beach. J. M. Butler.

## PRESBYTERIAN.

Ainslie St., Ainslie, near Ewen. R. S. Dawson.  
 Arlington Ave., Arlington Ave., cor. Elton St. W. H. Wilson.  
 Bay Ridge, 82d St., cor. 2d Ave. W. R. Ferris.  
 Bedford, Dean St., cor. Nostrand Ave. Wm. J. Hutchins.  
 Bethany, McDonough St., near Howard Ave. John A. Billingsly.  
 Bethlehem Mission, 675 Atlantic Ave. D. M. Heydrick.  
 Calvary, Liberty Ave., near Crescent St. C. T. Berry.  
 Central, Marcy Ave., cor. Jefferson Ave. J. F. Carson.  
 City Park Chapel, Concord St., near Hudson Ave. G. S. White.  
 Classon Ave., Classon Ave., cor. Monroe St. Joseph D. Burrell.  
 Cumberland St., Cumberland St., near Myrtle Ave. H. S. Murdock.  
 Cuyler Chapel, 558 Pacific St. R. E. Locke.  
 Duryea, Clermont Ave., near Atlantic Ave. John E. Fray.  
 Ebenezer, Stockholm St., near St. Nicholas Ave. Chas. C. Jaeger.  
 Emanuel Chapel, Hamburg Ave., cor. Putnam Ave.  
 Fifth German, Halsey St., near Central Ave. Chas. H. Schwarzbach.  
 First, Henry St., near Clark St. L. M. Clark.  
 First German, Leonard St., cor. Stagg St. J. G. Hehr.  
 Franklin Ave., 163 Franklin Ave. Chas. Edwards.  
 Friedens, Willoughby Ave., near Broadway. Louis Wolferz.  
 Grace, Stuyvesant Ave., cor. Jefferson Ave.  
 Greene Ave., Greene Ave., near Reid Ave. Dan'l H. Overton.  
 Hopkins St. (German), Hopkins St., near Throop Ave. Arnold W. Pismar.  
 Lafayette Ave., Lafayette Ave., cor. S. Oxford St. David Gregg.  
 Memorial, 7th Ave., cor. St. John's Pl.  
 Mount Olivet, Evergreen Ave., cor. Troutman St. F. T. Steele.  
 Noble St., Noble St., cor. Lorimer St. Thomas W. Campbell.  
 Olivet Chapel, Bergen St., near 6th Ave. J. G. Snyder.  
 Prospect Heights, 8th Ave., cor. 30th St. H. H. Fischer.  
 Ross St. (E. D.), Ross St., near Bedford Ave. J. Erskine Adams.  
 Second, Clinton St., cor. Remsen St. Alexander McGaffin.  
 Siloam, Prince St., near Myrtle Ave. W. A. Alexander.  
 South Third St., S. 3d St., cor. Driggs Ave. John D. Wells and N. W. Wells.  
 Throop Ave., Throop Ave., cor. Willoughby Ave. L. R. Foote.  
 Westminster, Clinton St., cor. 1st Pl. Frederick Campbell.

## REFORMED PRESBYTERIAN.

First, Prospect Pl., near 5th Ave.

## SWEDISH PRESBYTERIAN.

Swedish, 301 Pacific St.

## UNITED PRESBYTERIAN.

First, S. 1st St., cor. Rodney St. J. S. Hervey.  
 Second, Atlantic Ave., cor. Bond St. D. J. Patterson.  
 Westminster, Bainbridge St. and Hopkinson Ave. A. H. Crosbie.

## PROTESTANT EPISCOPAL.

A. N. Littlejohn, Bishop.  
 Advent, Bensonhurst. H. B. Gorgas.  
 All Saints', 7th Ave., cor. 7th St. W. A. Morrison.  
 Ascension, Kent St., near Manhattan. J. A. Denniston.  
 Atonement, 17th St., n'r 5th Ave. E. H. Wellman.  
 Calvary, S. 9th St., cor. Marcy Ave. C. L. Twing.  
 Christ (E. D.), Bedford Ave., opposite Morton. Jas. H. Darlington.  
 Christ, Clinton, cor. Harrison. A. B. Kinsolving.  
 Christ, 3d Ave., cor. 68th St. Bishop Falkner.  
 Christ Chapel, Wolcott St., near Van Brunt St.  
 Church Foundation Chapel, Atlantic, near Albany Ave. A. C. Bunn.  
 Church of Our Saviour, Clinton St., cor. Luquer St.  
 Good Shepherd, McDonough St., near Stuyvesant Ave. Robert Rogers.  
 Grace (E. D.), Conselyea St., near Lorimer St. W. G. Ivie.  
 Grace, Hicks St., near Remsen. Frederick Burgess.  
 Holy Comforter Chapel, 44 Debevoise St. S. R. Bailey.  
 Holy Spirit, Bath Beach. J. C. Wellwood.  
 Holy Trinity, Clinton St., cor. Montague St. S. D. McConnell.  
 Incarnation, Gates Ave., near Classon Ave. John G. Bacchus.  
 Messiah, Greene Ave., cor. Clermont. St. Clair Hester.  
 Redeemer, Church of the, Pacific St., cor. 4th Ave. G. C. Carter.  
 St. Andrew's, 47th St., near 3d Ave. W. N. Ackley.  
 St. Ann's, Clinton St., cor. Livingston St. Reese F. Alsop.  
 St. Augustine's, Canton St., near Park Ave. G. F. Miller.  
 St. Barnabas', Bushwick Ave., near Kossuth Pl. W. H. Brown.  
 St. Bartholomew's, Pacific St., cor. Bedford Ave. T. B. Oliver.  
 St. Chrysostom's, Tompkins Ave., cor. McDonough St. Dean Babbitt.  
 St. Clement's, Pennsylvania Ave., cor. Liberty. C. A. Hamilton.  
 St. George's, Marcy Ave., cor. Gates. W. A. Wasson.  
 St. James', St. James' Pl., cor. Lafayette Ave. Chas. W. Homer.  
 St. John's, St. John's Pl., cor. 7th Ave. Geo. F. Breed.  
 St. John's, 99th St., cor. Fort Hamilton Ave. Samuel Moran.  
 St. John's, Parkville. R. B. Snowden.  
 St. John's Mission, Atlantic Ave., cor. Albany. A. C. Bunn.  
 St. Jude's, 55th St., near 13th Ave. R. B. Snowden.  
 St. Luke's, Clinton Ave., near Fulton St. H. C. Ewentzel.  
 St. Mark's, Adelphi St., near De Kalb Ave. S. S. Roche.  
 St. Mark's, Bedford Ave., cor. S. 5th St. S. M. Haskins.  
 St. Martin's, President St., cor. Smith St. F. W. Davis.  
 St. Margaret's, Van Brunt St., near President St.  
 St. Mary's, Classon Ave., near Willoughby Ave. J. C. Jones.  
 St. Matthew's, Throop Ave., cor. Pulaski St. A. A. Morrison.  
 St. Michael's, High St., near Gold. A. Vance.  
 St. Michael's, N. 5th St., near Bedford Ave. F. E. West.  
 St. Paul's, Clinton St., cor. Carroll St. H. M. Dumbell.  
 St. Paul's, Church Lane, cor. St. Paul's Pl. T. G. Jackson.  
 St. Peter's, State St., near Bond. Lindsay Parker.  
 St. Stephen's, Patchen Ave., cor. Jefferson Ave. H. T. Scudder.  
 St. Thomas', Cooper St., cor. Bushwick Ave. J. T. Russell.

CHURCHES IN BROOKLYN BOROUGH—Continued.

PROTESTANT EPISCOPAL—Continued.

St. Timothy's, Howard Ave., near Atlantic Ave.  
W. I. Stecher.  
Trinity, 25th Ward, Arlington Ave., near Schenck  
Ave. N. K. Boss.

REFORMED EPISCOPAL.

Grace, Fulton St., near Howard Ave. Euclid  
Phillips.  
Holy Spirit, Nicholas Ave., near Etna. Wm. P.  
Mackey.  
Reconciliation, Jefferson Ave., cor. Nostrand Ave.  
Henry J. Wood.  
Redemption, Leonard St., near Norman Ave.  
Wm. M. McGrath.

REFORMED.

Bay Ridge, 2d Ave. and 80th St. C. J. Scudder.  
Bedford, Jefferson Ave., cor. Ormond Pl. W. D.  
Perry.  
Bedford Ave. First Reformed, Bedford Ave., cor.  
Clymer St. Howard W. Eunis.  
Bethany Chapel, Hudson Ave., near Myrtle Ave.  
George N. Makely.  
Bushwick, Bushwick Ave., near N. 2d St. W. H.  
Jackson.  
Canarsie, Canarsie, J. Ficken.  
East New York, New Jersey Ave., near Fulton St.  
J. M. Dickson.  
Edgewood, 54th St., near 14th Ave. W. T. Adams.  
First, 7th Ave., cor. Carroll St. Jas. M. Farrar.  
Flatbush, Flatbush Ave., cor. Church Lane. C. L.  
Wells.  
Flatbush (Second), E. Broadway. Louis Goebel.  
Flatlands, Neck Road, near Flatbush Ave. J. S.  
Gardner.  
German, Herkimer St., near Howard Ave. F. C.  
Erhardt.  
German American, Chestnut St. W. J. H.  
Boetcher.  
Grace, Lincoln Road, cor. Bedford Ave.  
Gravesend, Neck Road, near Ocean Park. P.  
V. Van Buskirk.  
Greenwood, 41st St., cor. 7th Ave. A. P. Stock-  
well.  
Heights, Church on the, Pierrepont St., near  
Monroe Pl. J. D. Adams.  
Kent St., Kent St., near Manhattan Ave. Lewis  
Francis.  
New Lots, New Lots Ave., cor. Schenck Ave. N.  
Pearse.  
New Utrecht, 18th Ave., near 83d St. A. H. Brush.  
North, Clermont Ave., near Myrtle Ave. E. Van  
Slyke.  
Ocean Hill, Herkimer St., near Hopkinson Ave.  
A. M. Quick.  
Ridgewood, Evergreen. G. R. Israel.  
South, 3d Ave., near 52d St. B. E. Dickhaut.  
South Bushwick, Bushwick Ave., cor. Himrod.  
George D. Hulst.  
St. Peter's, Union Ave., cor. Scholes. J. C.  
Guenther.  
Twelfth St., 12th St., near 5th Ave. John E. Lloyd.

ROMAN CATHOLIC.

C. E. McDonnell, Bishop.

All Saints' (German), Throop Ave., near Thorn-  
ton. George Kaupert.  
Annunciation of the B. V. M. (German), N. 5th  
St. cor. Havemeyer St. F. X. Pauletigi.  
Assumption of the B. V. M., York St., cor. Jay St.  
J. J. McCusker.  
Blessed Sacrament, Fulton St., cor. Market St.  
J. E. McCoy.  
Chapel of St. John's Home, St. Mark's Ave., cor.  
Albany Ave. C. F. Vittia.  
Chapel of St. Mary's Female Hospital, 155 Dean  
St. J. J. Marrin.  
Chapel of St. Mary's General Hospital. John  
Baxter.  
Chapel of St. Peter's Hospital, Henry St., cor.  
Congress St. Thomas Fitzgerald.

ROMAN CATHOLIC—Continued.

Chapel of the Good Shepherd, Hopkinson Ave.,  
cor. Pacific St. Rev. Fathers of Mercy.  
Chapel of the Precious Blood, 212 Putnam Ave.  
Rev. Fathers of Mercy.  
Chapel of the Visitation Convent, Willoughby  
Ave., cor. Clinton Ave. Rev. Clergy of St.  
John's Chapel.  
Church of the Presentation, Rockaway Ave., cor.  
St. Mark's Ave. H. Hand.  
Church of the Sorrowful Mother, Morgan Ave.,  
cor. Harrison Pl. John B. Zentgraf.  
Fourteen Holy Martyrs, Central Ave., cor. Covert  
St. B. F. Kurz.  
Guardian Angel, Boulevard, opposite Race Track.  
J. J. Cullen.  
Holy Cross, Church Lane, cor. Prospect St.  
John T. Woods.  
Holy Family (German), 13th St., cor. 4th Ave. J.  
J. Hanselman.  
Holy Name, 9th Ave., cor. Prospect Ave. Thos.  
S. O'Reilly.  
Holy Rosary, Chauncey St., near Stuyvesant  
Ave. James McEnroe.  
Holy Trinity (German), Montrose Ave., near  
Ewen St. Peter Dauffenbach.  
Immaculate Conception Chapel, Bushwick Ave.,  
cor. De Kalb Ave. Rev. Clergy of St. John's  
Seminary.  
Immaculate Heart of Mary, Fort Hamilton Ave.,  
cor. E. 4th St. Jas. J. McAteer.  
Nativity, Classon Ave., cor. Madison St. M. J.  
Moran.  
Our Lady of Angels, Bay Ridge. M. J. Loftus.  
Our Lady of Czestohowa (Polish), 25th St., near  
4th Ave. Boleslaus Puchalski.  
Our Lady of Good Counsel, Madison, near Ralph  
Ave. Eugene P. Mahony.  
Our Lady of Loretto (Italian), Powell St. Stephen  
Gesualdi.  
Our Lady of Lourdes, Hull St., near Broadway.  
E. H. Porchie.  
Our Lady of Mercy, Debevoise Pl., near De Kalb  
Ave. Richard S. Foley.  
Our Lady of Mount Carmel (Italian), N. 8th St.,  
cor. Union Ave. Peter Saponara.  
Our Lady of Perpetual Help, 5th Ave., near 59th  
St. John B. Daily.  
Our Lady of Victory, Throop Ave., near McDon-  
ough St. Jas. J. Woods.  
Sacred Heart, Clermont Ave., near Park Ave.  
John F. Nash.  
Sacred Heart Chapel, Villa de Sales, near Park-  
ville. Rev. Clergy of St. Francis de Chantal.  
Sacred Heart of Jesus and Mary (Italian), Presi-  
dent St., cor. Van Brunt St. John Vogel.  
St. Agnes', Hoyt St., cor. Sackett. Jas. S. Duffy.  
St. Aloysius' (German), Onderdonk Ave., near  
Stanhope St. J. W. Hauptman.  
St. Alphonsus' (German), Kent Ave., near Man-  
hattan Ave. W. Guhl.  
St. Ambrose, Tompkins Ave., cor. De Kalb Ave.  
J. J. Crowley.  
St. Anne's, Front St., cor. Gold. Jas. J. Durick.  
St. Anthony's, Manhattan Ave., opposite Milton  
St. P. F. O'Hare.  
St. Augustine's, 6th Ave. and Sterling Pl. E. W.  
McCarty.  
St. Barbara's, Central Ave., cor. Bleecker St.  
Michael N. Wagner.  
St. Benedict's (German), Fulton St., near Ralph  
Ave. John M. Hanselman.  
St. Bernard's (German), Rapelye St., cor. Hicks  
St. Joseph Traenkle.  
St. Boniface's (German), Duffield St., near Wil-  
loughby St. George Feser.  
St. Bridget's, Linden St., cor. St. Nicholas Ave.  
Thos. F. McGronen.  
St. Casimir's (Polish), Greene Ave., near Carlton  
Ave. Adelbert Nawrocki.  
St. Catherine's Chapel, Bushwick Ave., cor. Ten  
Eyck St. Rev. Clergy of Holy Trinity.  
St. Cecilia's, N. Henry St., cor. Herbert St. Ed.  
J. McGorlick.

## CHURCHES IN BROOKLYN BOROUGH—Continued.

## ROMAN CATHOLIC—Continued.

St. Charles Borromeo's, Sidney Pl., cor. Livingston St. James L. Bohier.  
 St. Edward's, Canton Division. Jas. F. Mealia.  
 St. Elias', 720 Leonard St.  
 St. Finbar's, Bath Beach. A. J. O'Rourke.  
 St. Francis's Chapel, 41 Butler St. Thomas Adams.  
 St. Francis de Chantal, 57th St., near 13th Ave. G. Septier.  
 St. Francis of Assisi, Lincoln Road and Nostrand Ave. Francis X. Ludeke.  
 St. Francis of Assisium Chapel, Willoughby Ave., cor. Graham Ave. Rev. Clergy of St. Patrick's.  
 St. Francis Xavier's, Carroll St., cor. 6th Ave. D. J. Hickey.  
 St. James' Pro-Cathedral, Jay St., cor. Chapel St. Peter Donohoe.  
 St. John the Evangelist's, 21st St., near 5th Ave. Thomas F. Lynch.  
 St. John's Chapel, Clermont Ave., near Greene Ave. J. J. Coan.  
 St. John the Baptist's, Willoughby Ave., near Lewis Ave. J. J. Sullivan.  
 St. Joseph's, Pacific St., near Vanderbilt Ave. Patrick J. McNamara, V. G.  
 St. Leonard of Port Maurice's (German), Hamburg Ave., cor. Jefferson St. George Sander.  
 St. Louis' (French), Ellery St., near Nostrand Ave. Jules Jollon.  
 St. Malachy's, Van Sicklen Ave., near Atlantic Ave. Hugh E. Ward.  
 St. Mark's, Sheephead Bay Rd., cor. E. 14th St. J. J. Heffernan.  
 St. Mary's, 85th St., cor. 23d Ave. Chas. Wightman.  
 St. Mary's of the Angela (Lithuanian), S. 4th and Roebling Sts. S. Malukos.  
 St. Mary of the Immaculate Conception, Leonard St., cor. Maujer St. Jas. F. Crowley.  
 St. Mary's Star of the Sea, Court St., cor. Luquer. Joseph P. O'Connell.  
 St. Matthew's, Utica Ave., cor. Degraw St. P. J. McLaughlin.  
 St. Michael's, 4th Ave., cor. 42d St. Henry A. Gallagher.  
 St. Michael's Archangel (Italian), Lawrence St., cor. Tillary St. P. Garofolo.  
 St. Michael's (German), Jerome St., near Liberty Ave. Bonaventure Fry, O. M. Capps.  
 St. Nicholas' (German), Powers St., cor. Olive St. J. P. Hoffman.  
 St. Patrick's, Kent Ave., cor. Willoughby Ave. Thos. Taafe.  
 St. Patrick's, Fort Hamilton. John G. Fitzgerald.  
 St. Paul's, Court St., cor. Congress. William J. Hill.  
 St. Peter's, Hicks St., cor. Warren St. Michael Fitzgerald.  
 SS. Peter and Paul's, Wythe Ave., near S. 2d St.

## ROMAN CATHOLIC—Continued.

St. Rose of Lima's, Lawrence Ave., near Ocean Parkway. J. McAleese.  
 SS. Simon and Jude, Gravesend. William L. Gardiner.  
 St. Stanislaus' (Scandinavian), 14th St., near 6th Ave. C. H. Dumahut.  
 St. Stanislaus' (Polish), Driggs Ave., near Humboldt St. Leo Wyszecski.  
 St. Stephen's, Summit St., cor. Hicks St. N. J. Doran.  
 St. Teresa's, Classon Ave., cor. Butler St. J. J. McNamee.  
 St. Thomas Aquinas', 4th Ave., cor. 9th St. James Donohue.  
 St. Thomas Aquinas', Flatbush Ave., near Ave. N. E. W. Dullea.  
 St. Vincent de Paul's, N. 6th St., near Driggs Ave. Martin Carroll.  
 St. Vincent's Chapel, 7 Poplar St. W. L. Blake.  
 Transfiguration, Hooper St., cor. Marcy Ave. Walter L. Power.  
 Visitation of the B. V. M. Verona St., cor. Richards. Wm. T. McGuiri.

## UNITARIAN.

First Unitarian Congregational Society, Pierrepont St., cor. Monroe Pl. John P. Forbes.  
 Second, Clinton, cor. Congress. J. W. Chadwick.  
 Third, Gates Ave., cor. Irving Pl. D. W. Wilson.  
 Willow Place Chapel. W. A. Taylor.

## UNIVERSALIST.

All Souls' Church, S. 9th St., near Bedford Ave. John Coleman Adams.  
 Church of Our Father, Grand Ave., near Fulton St. A. J. Canfield.  
 Church of the Good Tidings, Quincy St., near Reid Ave. A. S. Yantis.  
 Church of Reconciliation, N. Henry St., near Nassau Ave.  
 Prospect Heights, 6th Ave., cor. 9th St. A. E. and A. K. Wright.

## MISCELLANEOUS.

Church of Christ, Sterling Pl., near 7th Ave. M. E. Harlan.  
 First Free Baptist, Keap St., cor. Marcy Ave. R. D. Lord.  
 First Particular Baptist, 315 Washington St. Richard Daniels.  
 Friends' Meeting-House (Hicksite), Schermerhorn St., near Boerum Pl.  
 Friends' Meeting-House (Orthodox), Washington Ave., near Lafayette Ave. M. M. Blinford.  
 Household of Faith, 617 Greene Ave. Wm. N. Pile.

## Navy of the United States.

UNITED STATES NAVAL STATION ENTRANCE, FOOT SANDS STREET, BROOKLYN BOROUGH.

Commandant—Rear-Admiral John W. Philip.

Captain of the Yard—Capt. Frank Wildes.  
 Ordnance Officer—Commander Wm. Swift.  
 Equipment Officer—Commander H. N. Manney.  
 Medical Department—Med. Insp. J. A. Hawke.  
 General Storekeeper—Pay Director Edwin Putnam.  
 Pay Office—Paymaster H. T. Wright.  
 Clothing Factory—Paymaster H. E. Drury.  
 Chief Engineer of the Yard—Com. J. A. B. Smith.  
 Civil Engineers—P. C. Asserson, Com. A. B. H. Lillie, E. P. Goodrich, L. M. Cox.  
 Naval Constructor—F. T. Bowles.

Naval Hospital—Medical Director G. W. Woods.  
 Naval Laboratory and Department of Instruction—Medical Director T. C. Walton.  
 Marine Barracks—Capt. R. H. Lane.  
 Inspection Board—Commander W. C. Gibson.  
 Survey and Appraisal Board—Commander Henry W. Lyon.  
 Purchasing and Disbursing Paymaster (250 Broadway, N. Y.)—Pay Director H. M. Denniston.  
 Chaplain—Rev. S. D. Boorum.  
 Labor Board—Commander A. B. Speyers, Recorder.

Passes to the Navy Yard will only be recognized on the day stated on the pass. Passes can be secured by writing to the Captain of the Yard. A postage stamp must be inclosed. Visiting hours are between 10 A. M. and 4 P. M. Application to visit the ships in the yard must be made to the executive officers on board.

## Fire Engine Companies in Brooklyn Borough.

### ENGINE COMPANIES.

- |                                   |   |   |
|-----------------------------------|---|---|
| 1—4th Ave., near 52d St.          | 23—Fireboat Seth Low, Pier ft. Main St.         | 43—13th Ave. and 86th St.                       |
| 2—Van Brunt St., near Seabring.   | 24—155 Furman St.                               | 44—W. 15th St., near Surf Ave.                  |
| 3—Hicks St., near Degraw St.      | 25—Liberty Ave., nr. Ashford St.                | 45—W. 8th St., near Surf Ave.                   |
| 4—Degraw St., near Fulton.        | 26—State St., near Nevins St.                   | 46—E. 23d St., near Voorhees Av.                |
| 5—Pierpont St., near Nassau St.   | 27—Herkimer St., nr. Ralph Ave.                 | 47—60th St., nr. New Utrecht Av.                |
| 6—Pearl St., near Concord St.     | 28—39th St., cor. 5th Ave.                      | 48—Church Ave., nr. Bedford Av.                 |
| 7—Pearl St., near Concord St.     | 29—Kingsland Ave., cor. Frost.                  | 49—Rogers Ave., near Midwood.                   |
| 8—Front St., near Bridge St.      | 30—Ellery St., near Marcy Ave.                  | 50—Lawrence Ave., near Ocean Parkway.           |
| 9—Graham Ave., n. Myrtle Ave.     | 31—1772 Eastern Parkway.                        | 51—Wallabout Market.                            |
| 10—Carleton Ave., nr. Myrtle Ave. | 32—Fireboat David A. Boody, Pier ft. N. 8th St. | 52—Central Ave., nr. Decatur St.                |
| 11—Clymer St., near Bedford Ave.  | 33—Hull St., near Broadway.                     | 53—89th St., near 24th Ave.                     |
| 12—Wythe Ave., near N. 8th St.    | 34—Morgan St., near Troy Ave.                   | 54—Town Hall, Gravesend.                        |
| 13—Dowers St., n. Manhattan Ave.  | 35—Mouroe St., nr. Nostrand Av.                 | 55—Rogers Ave., near Ave. F.                    |
| 14—Herkimer St., nr. N. Y. Ave.   | 36—Liberty Ave., nr. Market St.                 | 57—Rockaway Ave. and Canarsie R. R., Flatlands. |
| 15—India St., near Franklin St.   | 37—Morgan Ave., cor. Grattan.                   | 58—105 Jackson Ave., L. I. City.                |
| 16—Scholes St., near Union Ave.   | 38—Norman Ave., nr. Diamond.                    | 59—71 Gale St., L. I. City.                     |
| 17—De Kalb Ave., nr. Lewis Ave.   | 39—4th Ave., near 6th St.                       | 60—687 Vernon Ave., L. I. City.                 |
| 18—Hart St., near Central Ave.    | 40—Prospect Av., nr. Greenwood.                 | 61—231 Radde St., L. I. City.                   |
| 19—Dean St., nr. Vanderbilt Ave.  | 41—Bay Ridge Ave., near 2d Ave.                 | 62—80 Main St., L. I. City.                     |
| 20—11th St., near 7th Ave.        | 42—92d St., near 5th Ave.                       | 63—354 Flushing Ave., L. I. City.               |
| 21—S. 2d St., near Bedford Ave.   |   |   |
| 22—Quincy St., nr. Patchen Ave.   |   |   |

### HOOK AND LADDER COMPANIES.

- |  |                                    |                                   |
|--|------------------------------------|-----------------------------------|
| 1—Van Brunt St., cor. Seabring.        | 7—New Jersey Ave., n. Jamaica Ave. | 12—Madison St., cor. Hamburg.     |
| 2—Bedford Ave., nr. Myrtle Av.         | 8—Seigel St., near Graham Ave.     | 13—Rogers Ave., nr. Midwood St.   |
| 3—Concord St., near Gold St.           | 9—4th Ave., cor. 19th St.          | 14—5th Ave., near 52d St.         |
| 4—S. 3d St., near Driggs Ave.          | 10—State St., near Boerum Pl.      | 15—178 7th St., L. I. City.       |
| 5—Pacific St., near 6th Ave.           | 11—Halsey St., near Sumner Ave.    | 16—443 Buckley St., L. I. City.   |
| 6—Greenpoint Ave., near Manhattan Ave. |                                    | 17—356 Flushing Ave., L. I. City. |

## Police Station-Houses in Brooklyn Borough.

(Headquarters, Municipal Building, Brooklyn.)

| PRECINCT AND LOCATION.              | PRECINCT AND LOCATION.               | PRECINCT AND LOCATION.           |
|-------------------------------------|--------------------------------------|----------------------------------|
| 43d. 4th Ave. and 43d St.           | 54th. Ralp Ave. and Quincy St.       | 63d. Stagg St. and Bushwick Ave. |
| 44th. 5th Ave. and 16th St.         | 55th. Gates and Throop Aves.         | 64th. Hamburg and DeKalb Avs     |
| 45th. Richards and Rapelye Sts.     | 56th. De Kalb and Classon Aves.      | 65th. E. Parkway and Osborn St.  |
| 46th. 6th Ave. and Bergen St.       | 57th. Flushing and Clermont Aves.    | 66th. 9th St. and Ave. G.        |
| 47th. 17 Butler St.                 | 58th. Tompkins and Vernon Aves.      | 67th. Grant St., Flatbush.       |
| 48th. Emmett and Amity Sts.         | 59th. Lee Ave. and Clymer St.        | 68th. Ocean and Voorhees Aves.   |
| 49th. 318 Adams St.                 | 60th. Bedford Ave. and N. 1st St.    | 69th. W. 8th St., Coney Island.  |
| 50th. 49 Fulton St.                 | 61st. Manhattan and Greenpoint Aves. | 70th. 19th Ave., near Bath.      |
| 51st. Grand Ave. and Park Pl.       | 62d. Humboldt and Herbert Sts        | 71st. 86th St. and 7th Ave.      |
| 52d. Atlantic and Schenectady Aves. |                                      | 72d. Coney Id. and Foster Avs.   |
| 53d. Miller and Liberty Aves.       |                                      | 73d. Prospect Park.              |

## Libraries in Brooklyn Borough.

- Brooklyn, 197 Montague St.—Open daily from 8.30 A. M. to 9 P. M.
- Brooklyn Public Library, headquarters, 26 Brevoort Place; branches at 185 Brooklyn Ave., Pennsylvania Ave. and Fulton St., 48th St. and 4th Ave., and at old P. O. Building, Bedford Ave., near Broadway.
- Flatbush Free Library, 5 Caton Ave.—Open daily from 8.30 A. M. to 9 P. M. Saturdays until 10 P. M.
- Free Lending Library of the Union for Christian Work, 67 Schermerhorn St.
- Law Library, Room 16 Court-House.
- Long Island Historical Society, Pierpont and Clinton Sts.
- Pratt Institute, Free, 215 Ryerson St.—Open daily from 9 A. M. to 9 P. M.
- Young Men's Christian Association, 502 Fulton Street.
- Young Women's Christian Association, Schermerhorn St. and Flatbush Ave.—Open daily from 9 A. M. to 9 P. M.

## Places of Amusement in Brooklyn Borough.

- Academy of Music, 176 Montague Street.
- Amphion Theatre, 439 Bedford Avenue.
- Bijou Theatre, Smith and Livingston Streets.
- Brooklyn Art Association, 174 Montague Street.
- Brooklyn Institute of Arts and Sciences, Bopd, near Fulton Street.
- Brooklyn Music Hall, Broadway and Alabama Avenue.
- Columbia Theatre, Washington and Tillary Sts.
- Criterion Theatre, Fulton St., near Grand Ave.
- Empire Theatre, Broadway and Bedford Ave.
- Gayety Theatre, Broadway and Troop Avenue.
- Grand Opera House, Elm Place, near Fulton St.
- Historical Hall, cor. Pierpont and Clinton Sts.
- Hyde & Behman's Theatre, Adams Street, near Myrtle Avenue.
- Memorial Hall, Schermerhorn St., near Flatbush Avenue.
- Montauk Theatre, 587 Fulton Street.
- Park Theatre, 383 Fulton Street.
- Star Theatre, Jay Street, near Fulton Street.
- Young Men's Christian Association, 502 Fulton St.

## Regents' Examinations in 1900.

REGENTS' examinations under the control of the University of the State of New York (office, Albany, N. Y.) will be held in 1900 at the following times and places: January 22-26 inclusive, at New York, and about 550 academies and high schools; 61 subjects, March 28-30 inclusive, at New York, and about 695 academies and high schools; 25 subjects. June 11-15 inclusive, at New York, and about 375 academies and high schools; all (79) subjects. Sept. 25-27 inclusive, at New York, Albany, Syracuse, Buffalo; 29 subjects. Sept. examinations are for professional and technical students only. Morning session begins 9.15 A. M. Afternoon session begins 1.15 P. M.

UNIVERSITY CREDENTIALS, PASSARD—Any study. Preliminary (pre-graduate) certificate—Reading, writing, spelling, elementary English, arithmetic, geography. MEDICAL STUDENT CERTIFICATE—For matriculates prior to May 9, 1893, for any 29 counts, allowing 10 for the preliminaries, not including reading and writing; for matriculates prior to May 13, 1895, for arithmetic, elementary English, geography, spelling, United States history, English composition, and physics, or any 50 counts, allowing 14 for the preliminaries; for matriculates prior to January 1, 1896, for any 12 academic counts; for matriculates prior to January 1, 1897, for any 24 academic counts. But all matriculates after January 1, 1897, must secure 48 academic counts.

LAW STUDENT CERTIFICATE—Advanced English, English composition, first year Latin, arithmetic, algebra, geometry, English history, United States history, civics, economics, or any 36 academic counts. The foregoing rule took effect January 1, 1895. All students who had begun their law course or clerkship before January 1, 1895, as shown by the law school or Court of Appeal records, may secure a certificate under the 1892 requirements, viz.: English composition, first year Latin, arithmetic, geometry, English and United States history, and civics, or any 30 counts including preliminaries.

DENTAL STUDENT CERTIFICATE—Any 36 academic counts or their equivalents (for matriculates before January 1, 1901).

VETERINARY STUDENT CERTIFICATE—Any 24 academic counts or their equivalents (for matriculates before January 1, 1901).

ACADEMIC CERTIFICATES—All preliminaries and any 24, 36, 48, 60, etc., counts, if one-sixth of the first 24, 36, and 48 counts are in English. First Year Certificate—No certificate is issued for 12 counts unless it includes the preliminaries and first year English (or English composition and 2 other English counts), United States history, and drawing, and either 4 counts in mathematics or physiology and hygiene and 2 optional counts. The first year in any foreign language may be substituted for first year English in the first year certificate.

There is no limit of time, but all credentials issued by the University are good till cancelled for cause. Studies necessary to obtain any credential may be passed at different examinations. Seventy-five per cent of correct answers is required in all subjects. Answer papers will be reviewed in the regents' office, and all papers below standard will be returned to the candidates. For those accepted passcards will be issued.

Candidates not attending schools in which regents' examinations are held should send notice at least 10 days in advance, stating at what time and in what studies they wish to be examined, that required desk room may be provided at the most convenient place. Candidates who fail to send this advance notice can be admitted only so far as there are unoccupied seats.

Professional Certificates Without Examinations—Candidates having credentials which can be accepted in place of examinations should send them to the examination department.

## MEDICAL EXAMINATIONS.

The regents shall admit to any examination any candidate who pays a fee of \$25 and submits satisfactory evidence, verified by oath, if required, that he—1. Is more than twenty-one years of age; 2. Is of good moral character; 3. Has the general education required preliminary to receiving the degree of bachelor or doctor of medicine in this State; 4. Has studied medicine not less than four full school years of at least nine months each, including four satisfactory courses of at least six months each in four different calendar years in a medical college registered as maintaining at the time a satisfactory standard. This requirement took effect January 1, 1898, and does not apply to students matriculated before that date who receive their degree before January 1, 1902; 5. Evidence that applicant has received the degree of bachelor or doctor of medicine from some registered medical school, or a diploma or license conferring full rights to practise medicine in some foreign country (original credentials).

Examinations for license to practise medicine in this State will be held as follows: January 23-26, May 22-25, June 19-22, September 25-28, at New York, Albany, Syracuse, and Buffalo. (Each candidate is notified as to exact place.)

## DENTAL EXAMINATIONS.

The regents shall admit to examination any candidate who pays a fee of \$25 and submits satisfactory evidence, verified by oath, if required, that he—1. Is more than twenty-one years of age; 2. Is of good moral character; 3. Has the general education required in all cases after August 1, 1895, preliminary to receiving the degree of bachelor or doctor of medicine in this State. Matriculates in a registered dental school before January 1, 1896, are exempt from the preliminary education requirement for degrees and for admission to the licensing examinations; 4. Has satisfactorily completed a course of not less than three years in an institution registered by the regents as maintaining proper dental standards; 5. Evidence that applicant has received either a dental degree after graduation in course from some registered dental school, or after graduation in course from a registered medical school with an M. D. degree has studied dentistry at least one year in a registered dental school, or a diploma or license conferring full right to practise dentistry in some foreign country, and granted by some registered authority (original credentials).

Dates of dental examinations: January 23-26, May 22-25, June 19-22, and September 25-28, at New York, Albany, Syracuse, and Buffalo. (Each candidate is notified as to exact place.)

## VETERINARY EXAMINATIONS.

The regents shall admit to examination any candidate who pays a fee of \$10 and submits satisfactory evidence, verified by oath, if required, that he—1. Is more than twenty-one years of age; 2. Is of good moral character; 3. Has the general education required in all cases after July 1, 1897, preliminary to receiving a degree in veterinary medicine. Matriculates in a registered veterinary medical school prior to January 1, 1896, are exempt from the preliminary education requirement; 4. Has studied veterinary medicine not less than three full years, including three satisfactory courses, in three different academic years, in a veterinary medical school registered as maintaining at the time a satisfactory standard; 5. Has received a degree as veterinarian from some registered veterinary medical school.

Dates of examinations: January 23-26, May 22-25, June 19-22, September 25-28, at New York, Albany, Syracuse, and Buffalo.

## CERTIFIED PUBLIC ACCOUNTANTS.

1. The full C. P. A. certificate is to be granted only to those at least twenty-five years of age who have had three years' satisfactory experience in the study or practice of accounting, one of which shall have been in the office of an expert public accountant. 2. Candidates having the required preliminary education and passing the required examinations, but lacking the age or the three years' experience required for the full C. P. A. certificate, may be certified as junior accountants under the same conditions as to residence and character. 3. Two examinations, in January and in June, are held annually. There are to be four sessions as follows: 1. Theory of accounts; 2. Practical accounting; 3. Auditing; 4. Commercial law. 4. Candidates must complete all subjects at a single examination as required in medicine. 5. Candidates for either the C. P. A. or the junior accountant certificate must be more than twenty-one years of age, and of good moral character. They must pay a fee of \$25, and must have the regents' academic diploma or its equivalent as prescribed for other professional examinations. Dates of examinations, January 23-24 and June 12-13.

## Law Examinations in 1900.

To entitle an applicant to an examination as an attorney and counselor he shall pay to the examiners a fee of \$15, and he must prove (15 days in advance) to the satisfaction of the State Board of Law Examiners: 1. That he is a citizen of the United States, twenty-one years of age, and a resident of the State, and that he has not been examined for admission to practice and been refused admission and license within three months immediately preceding, which proof must be made by his own affidavit. 2. That he has studied law in the manner and according to the conditions prescribed for a period of three years, except that if the applicant is a graduate of any college or university his period of study may be two years instead of three; and except also that persons who have been admitted as attorneys in the highest court of original jurisdiction of another State or country, and have remained therein as practicing attorneys for at least one year, may be admitted to such examination after a period of law study of one year within this State. 3. That the applicant has passed the regents' examination or its equivalent must be proved by the production of a certified copy of the regents' certificate filed in the office of the Clerk of the Court of Appeals. The examinations of all persons applying to be admitted to practice as attorneys and counselors in the Courts of Record of the State of New York will be held at 9 A. M. as follows:

1st Dept.—In Manhattan Boro, at Court-House of Appellate Division, 111 Fifth Ave., Jan. 20 and June 16. 2d Dept.—In Brooklyn Boro, at Court-House, Jan. 20 and June 16. 3d Dept.—In Albany, at Court-House, City Hall, Jan. 17 and June 19. 4th Dept.—In Rochester, at Court-House, Jan. 17 and June 19. Special—for 1st and 2d Dept. only—In Manhattan Boro, at Court-House of Appellate Division, 111 Fifth Ave., April 21. For the State-at-Large—In Syracuse, at University Hall, October 9.

Address communications concerning law examinations to F. M. Danaher, Secretary, Albany, N. Y.

## Height of Prominent Buildings in Manhattan Borough.

| NAME AND LOCATION.   | No. of Stories. | Height.                                       | Dimensions of Buildings                                      | NAME AND LOCATION.                                    | No. of Stories. | Height.                                       | Dimensions of Buildings.   |
|--|-----------------|---|--|---|-----------------|---|--|
| American Exchange Bank, Broadway and Cedar St              | 16              | 322 ft.                                       | 38 ft. 9 12-in. x 49 ft. 5 in. x 100 ft. 5 1-2 in.           | Johnston Building, 30-36 Broad St.                    | 15              | 205 ft.                                       | 88 ft. 1-2 in. x 123 ft. 8 3-4 in. x 50 ft. 9 in. x 50 ft. 9 in. |
| American Surety Co., Broadway, cor Pine St.                | 23              | 306 ft. 1 in.                                 | 84 ft. 8 in. x 85 ft. 6 in. x 100 ft. 7 in. x 94 ft. 6 in.   | Maiden Lane (No 1).....                               | 13              | 160 ft.                                       |  |
| American Tract Society, Nassau, cor Spruce St.             | 23              | 306 ft.                                       | 335 ft. x 98 ft. 9 in.                                       | Manhattan Life Ins. Co., 64-68 Broadway.              | 17              | To roof top, 246 ft. to top of tower, 348 ft. | 67x125 ft.   |
| Astoria Hotel, 344-350 Fifth Ave.                          | 16              | 213 ft.                                       | 106 ft. 2 in. x 109 ft. 6 in.                                | Morton, 110-116 Nassau St.                            | 12              | 154 ft.                                       | 75 2-4 x 142 x 112.  |
| Bank of Commerce, cor. Nassau and Cedar Sts.               | 20              | 270 ft.                                       | 108 ft. 2 3-4 in. x 127 ft. 164 ft. 9 in. x 93 ft. 9 1-8 in. | Mutual Life Insurance Co., Liberty St.                | 15              | To roof top, 210 ft. to roof garoon, 230 ft.  | 100x125 ft.  |
| Battery Park, State and Pearl Sts.                         | 11              | 145 1-2 ft.                                   | 152 ft. x 201 ft.  | Mutual Reserve Life Ins. Co., cor B'way and Duane St. | 14              | To roof top, 184 ft.                          | 75x125 ft.   |
| Bowling Green Building, 5-11 Broadway.                     | 19              | 272 ft. 6 in.                                 | 44 ft. 6 in. x 58 ft. 9 in.                                  | N. Y. Life Ins. Co., 346-348 Broadway                 | 12              | 188 ft. front; tower, 270 ft.                 | 60x196 ft.   |
| Broadway (No. 84).....                                     | 12              | 154 ft.                                       | 142 x 90 x 46  | New York Realty Co. 9-13 Maiden Lane                  | 15              | 203 ft. 6 in.                                 | 56 ft. 6 in. x 78 ft. 2 in. x 78 ft. x 223 ft. 10 in.            |
| Chesebrough, Pearl and State Sts.                          | 11              | 161 ft.                                       | 45 ft. 1 1-2 in. 153 ft. 11 in                               | O. B. Potter Trust, Broadway and Rector St.           | 20              | 293 ft.                                       | 70 ft. front, to pent house, 193 ft.                             |
| Commercial Cable, 20-22 Broad St.                          | 21              | 255 ft., exclusive of dome.                   | 86 ft. 8 in. x 110 ft. 7 in.                                 | Postal Telegraph Co., cor Broadway and Murray St.     | 13              | To roof top, 179 ft.; to pent house, 193 ft.  | 70 ft. front, 160 ft. rear, 155 ft. deep                         |
| Corn Exchange Bank, cor. William and Beaver Sts.           | 11              | 158 ft.                                       | 50 ft. front, 74 ft. rear, 103 ft. deep                      | Pulitzer Building, Park Row                           | 22              | Extreme height, 375 1-2 ft.                   | 115 ft. 4 in. x 136 ft. 8 in.                                    |
| Downing Building, 106 and 108 Fulton St.                   | 15              | To roof top, 179 ft. to pent. house, 190 ft.  | 608 ft. 1 5-8 in. x 130 ft. 7 1-8 in.                        | Queens Ins. Co., cor. William and Cedar Sts.          | 15              | 195 ft.                                       | 41 ft. 11 1-2 in. x 68 ft. 2 11 1-4 in                           |
| Dun (R. G. Dun), 290-294 Broadway.                         | 15              | 223 ft.                                       | 129 ft. 9 1-4 in. x 159 ft. 4 1-2 in.                        | Sherry's (Brokaw), Fifth Ave. and 44th St.            | 11              | 161 ft. 5 in.                                 | 93 ft. 10 in. x 225 ft.  |
| Exchange Court (W. W. Astor), Broadway and Exchange Place. | 12              | 160 ft.                                       | 75 ft. x 150 ft. 26 ft. x 73 ft. 5 1-2 in.                   | Singer Mfg. Co. 85-89 Liberty St.                     | 14              | 197 ft.                                       | 74 ft. 10 1-2 in. x 93 ft. 8 in.                                 |
| Fifth Ave. and 45th St. ....                               | 13              | 164 ft.                                       | 75 ft. x 150 ft. 26 ft. x 73 ft. 5 1-2 in.                   | St. James, Broadway, cor. 26th St.                    | 16              | 204 ft.                                       | 94 1-2 x 129 x 148 1 1-8.  |
| Gillender, cor. Wall and Nassau Sts.                       | 16              | To roof top, 219 ft. to tower, 273 ft.        | 55 ft. 6 in. x 109 ft.                                       | St. Paul Building, Ann St. and Broadway.              | 26              | 208 ft.                                       | 39.4x27x104. 2x54.3x83.  |
| Hone Life Insurance Co., 256 Broadway.                     | 16              | To roof top, 219 ft. to top of spire, 280 ft. | Mansard roof and bldg., 100x125 ft.                          | Standard Oil Building, 24-30 Broadway.                | 15              | 268 ft.                                       | 114 ft. 1 in. x 207 ft. 11 in                                    |
| Hotel Netherland, cor. 59th St. and Fifth Ave.             | 17              | To roof top, 220 ft.                          | 53 ft. 9 in. x 203 ft.                                       | Townsend, cor Broadway and 25th St.                   | 12              | 165 ft.                                       | 89 ft. 7 3-4 in. x 132 6 1-8.                                    |
| Hudson Realty Co., 32-34 Broadway.                         | 16              | 205 ft. 6 in.                                 | 104 ft. 2 in. x 153 ft. 11 in.                               | Vincent Building, Broadway and Duane St.              | 14              | 205 ft.                                       | 50 ft. 11 in x 110 ft. 7 1-2 in.                                 |
| Ivins Syndicate, 13-21 Park Row.                           | 29              | To roof top, 309 ft. to tower 382 ft.         |  | Waldorf-Astoria Hotel, 18-19 W. 53d St.               | 16              | 214 ft.                                       | 85 ft. x 98 ft. 9 in.  |
|  |                 |   |  | Washington Life Ins. Co., Broadway and Luerty.        | 19              | 273 ft.                                       | 53 ft. 9 in. x 159 ft. 5 in.                                     |

## Hotels in Manhattan Borough.

- \* Adams House, 10th Avenue and 12th Street.
- \* Albemarle, Broadway and 24th Street.
- \* Albert, 79 University Place.
- \* American, 6408th Avenue.
- \* Ashland, 4th Avenue and 24th Street.
- \* Astor House, Broadway, opposite Post-Office.
- \* Balmoral, Lenox Avenue and 113th Street.
- \* Bancroft House, Broadway and 21st Street.
- \* Bartholdi, Broadway and 23d Street.
- \* Belvedere, 4th Avenue and 18th Street.
- \* Beresford, 1 West 81st Street.
- \* Brevoort House, 11 5th Avenue.
- \* Bristol, 5th Avenue and 42d Street.
- \* Broadway Central, 671 Broadway.
- \* Buckingham, 5th Avenue and 50th Street.
- \* Cadillac, Broadway and 43d Street.
- \* Cambridge, 5th Avenue and 33d Street.
- \* Colonial, 125th Street and 8th Avenue.
- \* Colonnade, 726 Broadway.
- \* Continental, Broadway and 20th Street.
- \* Cosmopolitan, Chambers St. and W. Broadway.
- \* Endicott, Columbus Avenue and 81st Street.
- \* Everett House, 4th Avenue and 17th Street.
- \* Fifth Avenue, 5th Avenue and 23d Street.
- \* Gilsey House, Broadway and 29th Street.
- \* Grand, Broadway and 31st Street.
- \* Grand Union, 4th Avenue and 42d Street.
- \* Grenoble, 7th Avenue and 56th Street.
- \* Herald Square, 34th Street, near Broadway.
- \* Hoffman House, 1111 Broadway.
- \* Holland House, 5th Avenue and 20th Street.
- \* Imperial, Broadway and 32d Street.
- \* Madison Avenue, Madison Avenue and 58th St.
- \* Majestic, 4 West 72d Street
- \* Manhattan, 42d Street and Madison Avenue.
- \* Metropole, Broadway, 41st and 42d Streets.
- \* Metropolitan, Broadway and 27th Street.
- \* Mills (No. 1), Bleeker and Thompson Streets.
- \* Mills (No. 2), Rivington and Chrystie Streets.
- \* Morton House, Broadway and 14th Street.
- \* Murray Hill, Park Avenue and 40th Street.
- \* Netherland, corner 5th Avenue and 59th Street.
- \* New York, 30 East 42d Street.
- \* Normandie, Broadway and 38th Street.
- \* Park Avenue, Park Avenue and 32d Street.
- \* Plaza, 5th Avenue and 59th Street.
- \* St. Cloud, Broadway and 42d Street.
- \* St. Denis, Broadway and 11th Street.
- \* St. George, Broadway and 12 1/2 Street.
- \* San Remo, 8th Avenue and 75th Street.
- \* Savoy, 5th Avenue and 59th Street.
- \* Sherman Square, Boulevard and West 71st St.
- \* Sinclair House, 754 Broadway.
- \* Smith & McNell's, 197 Washington Street.
- \* Stevens House, 21 Broadway.
- \* Sturtevant, 1186 Broadway.
- \* Union Square, 16 Union Square.
- \* United States, Fulton and Water Streets.
- \* Vendome, Broadway and 41st Street.
- \* Waldorf-Astoria, 5th Avenue, 33d to 34th Street.
- \* Westminster, Irving Place and 16th Street.

\* European Plan. † American Plan. ‡ American and European Plans.

## Militia—Brooklyn and Queens Boroughs.

### SECOND BRIGADE, NATIONAL GUARD, STATE OF NEW YORK.

Headquarters, Hall of Records, Brooklyn Borough.

|   |   |
|---|---|
| Commander.....  | Brigadier-General James McLeer.   |
| Assistant Adjutant-General,<br>Lieut.-Col. Brvt. Brig.-Gen. Jno. B. Frothingham | Judge Advocate..... Major Edw. M. Grout                                 |
| Surgeon..... Lieut.-Col. Geo. R. Fowler   | Inspector..... Major W. E. C. Mayer                                     |
| Ordnance..... Major F. D. Beard   | Commissary Subsistence..... Major Chas. W. Tracy                        |
| Quartermaster..... Major P. H. McNulty  | Engineer..... Major J. W. Tumbridge                                     |
| Inspector of Small Arms Practice, Major T. H. Babcock                           | Aides-de-Camp..... Capt. John H. Shults, Jr.,<br>Capt. Ernestus Gulick. |

#### INFANTRY REGIMENTS IN BROOKLYN BOROUGH.

| NAME               | Armory                   | NUMERICAL STRENGTH.             |      | Colonel.        | Lieutenant-Colonel. | Major.                                       |
|--------------------|--------------------------|---------------------------------|------|-----------------|---------------------|--|
|                    |                          | Commissi-<br>ioned<br>Officers. | Men. |                 |                     |  |
| Thirteenth.....    | Sumner & Jefferson Aves. | 37                              | 649  | D. E. Austen..  | Geo. D. Russell     | W. A. Turpin,<br>Chas. O. Davis.             |
| Fourteenth.....    | 8th Ave. & 15th St.....  | 44                              | 749  | B. T. Clayton.  | A. L. Kline....     | E. H. Tobey,<br>E. H. Mitchell.              |
| Twenty-third.....  | Bedford & Atlantic Aves. | 43                              | 675  | Alexis C. Smith | .....               | David K. Case.                               |
| Forty-seventh..... | Marcy Ave. & Lynch St.   | 44                              | 546  | John G. Eddy.   | .....               | W. A. Stokes,<br>W. H. Eddy,<br>H. H. Quick. |

#### ARTILLERY, SIGNAL CORPS, ETC., IN BROOKLYN AND QUEENS BOROUGHS.

| NAME.              | Armory.               | NUMERICAL STRENGTH.             |      | Commanding Officer.          |
|--------------------|-----------------------|---------------------------------|------|------------------------------|
|                    |                       | Commissi-<br>ioned<br>Officers. | Men. |                              |
| Third Battery..... | 165-179 Clermont Ave. | 6                               | 86   | Captain H. S. Rasquin.       |
| 17th Separate Co.  | Flushing.....         | 5                               | 66   | Captain John F. Klein.       |
| Troop C.....       | N. Portland Ave.....  | 5                               | 91   | Captain Chas. I. De Bevoise. |
| 2d Signal Corps.   | 801 Dean St.....      | 3                               | 44   | Captain Chas. B. Laldwin.    |

Total in Second Brigade (without Naval Reserve) on September 30, 1899: Officers, 179; men, 2,906, aggregate, 3,085.

## Parks in Brooklyn and Queens Boroughs.

### SHOWING SIZE, BOUNDARIES, AND VALUE.

Prospect, 516 $\frac{1}{2}$  acres, Prospect Park West, Coney Island Ave., Franklin, Ocean, and Flatbush Aves., value \$27,735,000.

Fort Greene, 30 acres, De Kalb Ave., Washington Park, Ashland Pl., Willoughby St., Canton St., and Myrtle Ave., value \$1,890,000.

Bedford, 4 acres, Brooklyn and Kingston Aves., Park Pl. and Prospect Pl., value \$150,000.

Tompkins, 7 $\frac{1}{2}$  acres, Tompkins, Greene, Marcy, and Lafayette Aves., value \$400,000.

City, 7 $\frac{1}{2}$  acres, Canton and Navy Sts., Park and Flushing Aves., value \$325,000.

City Hall,  $\frac{1}{2}$  acre, junction of Court and Fulton Sts., value \$100,000.

Carroll, 2 acres, President, Court, Carroll, and Smith Sts., value \$300,000.

Winthrop, 5 $\frac{1}{2}$  acres, Nassau and Driggs Aves., Monitor and Russell Sts., value \$325,000.

Highland, 26 acres, Force Tube Ave. and Barbery St., facing Sunnyside Ave., value \$250,000.

Sunset, 14 $\frac{1}{2}$  acres, 41st to 43d St., 5th to 7th Ave., value \$200,000.

Red Hook, 6 acres, Richards, Dwight, Verona, and William Sts., value \$150,000.

Bushwick, 1 acre, Knickerbocker and Irving Aves., Starr and Suydam Sts., value \$150,000.

East Side Lands, 50 acres, Washington Ave., Eastern Parkway, and Flatbush Ave., value \$1,250,000.

Parade Ground, 40 acres, Coney Island Ave., Canon Ave., Ocean Ave., and Parade Pl., value \$1,290,000.

Concourse, 70 acres, East and West 5th Sts., Sea Breeze Ave. and the ocean, value \$1,000,000.

Dyker Beach, 144 acres, 7th Ave., New York Bay, Bay 8th St., Cropsy, and 14th Aves., value \$300,000.

Bensonhurst Beach, 8 acres, Bay Parkway,

Gravesend Bay, 21st, and Cropsy Aves., value \$38,000.

Lincoln Terrace, 12 acres, Eastern Parkway, Buffalo Ave., President St., and Rochester Ave., value \$120,000.

Causars Beach, 40 acres, Rockaway Parkway and Jamaica Bay, value \$105,000.

New Lots Playground, 3 acres, Sackman St., Newport, Christopher, and Riverdale Aves., value \$16,000.

Cooper, 17 acres, Maspeth and Morgan Aves., Sharon and Guilford Sts., value \$55,000.

Irving Sq., 3 $\frac{1}{2}$  acres, Hamburg and Knickerbocker Aves., Halsey and Weirfield Sts., value \$70,000.

Saratoga Sq., 4 acres, Saratoga and Howard Aves., Halsey and Macon Sts., value \$121,000.

Linton, 3 acres, Bradford St., Blake, Dumont, and Miller Aves., value \$35,000.

Brooklyn Forest, 535 acres, between Jamaica Ave. and Union Turnpike, Eldert Lane and Washington St., Town of Jamaica, value \$1,250,000.

Fort Hamilton, 7 acres, Fort Hamilton and Shore Road.

#### PARKWAYS.

Ocean Parkway, 5 $\frac{1}{2}$  miles, Prospect Park to Coney Island, value \$4,000,000.

Eastern Parkway, 2 $\frac{1}{2}$  miles, Prospect Park to Ralph Ave., \$3,000,000.

Eastern Parkway Extension, 2 $\frac{1}{2}$  miles, Ralph Ave. to Ridgewood Park, value \$1,300,000.

Fort Hamilton Parkway, 4 $\frac{1}{2}$  miles, Prospect Park to Fort Hamilton, value \$1,000,000.

Bay Parkway, 3 miles, Ocean Parkway to Bensonhurst Beach, value \$1,000,000.

Bay Ridge Parkway (Shore Drive), 3 miles, Fort Hamilton Ave. to Fort Hamilton, value \$3,500,000.



## Bar Association of New York.

(Bar Association Building, No. 42 West Forty-fourth Street, Manhattan Borough.)

|                                       |                                    |  |
|---------------------------------------|------------------------------------|--|
| <i>President</i> —James C. Carter.    | <i>Vice-Pres.</i> —Hamilton Odell. | <i>Rec. Secretary</i> —S. B. Brownell. |
| <i>Vice-Pres.</i> —William S. Choate. | Herbert B. Turner.                 | <i>Cor. Secretary</i> —David B. Ozden. |
| Stephen H. Olin.                      | Edmund Wetmore.                    | <i>Treasurer</i> —B. Aymar Sands.      |

At the time of the last report of the Executive Committee there were 1,516 members of the Association. It was instituted in 1869, and its presidents have been as follows: 1870 to 1879, William M. Evarts; 1880 and 1881, Stephen P. Nash; 1882 and 1883, Francis X. Bangs; 1884 and 1885, James C. Carter; 1886 and 1887, William Allen Butler; 1888 and 1889, Joseph H. Choate; 1890 and 1891, Frederic R. Coudert; 1892 to 1894, Wheeler H. Peckham; 1895 and 1896, Joseph Larocque; 1897 to 1899, James C. Carter. The admission fee is \$100, and the annual dues from resident members, \$40, and from members having offices in New York City and residing elsewhere, \$20; members neither residing nor having offices in New York City shall be exempt from the payment of annual dues.

**The Lawyers' Club.**—120 Broadway, Manhattan Boro. *President*—Wm. Allen Butler, Jr. *Secretary and Treasurer*—George T. Wilson. Total membership, 1,500. Membership is not restricted to lawyers. There are no entrance fees, but the annual dues of resident members are \$100, and of non-resident members, \$50. Non-resident members who are public officials, \$25 per annum, and clergymen, whether resident or non-resident, the same.

## Present Population of the United States.

(JANUARY 1, 1900.)

### ACCORDING TO ESTIMATES MADE FOR THE WORLD ALMANAC BY THE GOVERNORS OF THE STATES AND TERRITORIES.

THE Governors were requested to make estimates of the present population of their respective States and Territories for THE WORLD ALMANAC for 1900. With a few exceptions all the States were heard from when this edition was ready for the press. Where the executives failed to respond in time the estimates were made by other State officials, as indicated in the table, or their estimates made at the beginning of 1899 for this publication are used.

| STATES AND TERRITORIES.                  | Estimated Population. | STATES AND TERRITORIES. | Estimated Population. |
|--|-----------------------|-------------------------|-----------------------|
| Alabama.....                             | 1,850,000             | Montana.....            | 260,000               |
| Alaska.....                              | (a) 40,000            | Nebraska.....           | 1,200,000             |
| Arizona.....                             | 105,000               | Nevada.....             | 60,000                |
| Arkansas.....                            | 1,500,000             | New Hampshire.....      | 388,500               |
| California.....                          | 1,750,000             | New Jersey.....         | 2,100,000             |
| Colorado.....                            | 650,000               | New Mexico.....         | 285,829               |
| Connecticut.....                         | (e) 900,000           | New York.....           | 7,100,000             |
| Delaware.....                            | 175,000               | North Carolina.....     | 1,800,000             |
| District of Columbia.....                | (b) 287,462           | North Dakota.....       | 260,000               |
| Florida.....                             | (d) 525,000           | Ohio.....               | 4,850,000             |
| Georgia.....                             | 2,201,000             | Oklahoma.....           | 400,000               |
| Idaho.....                               | 190,000               | Oregon.....             | 500,000               |
| Illinois.....                            | 5,810,000             | Pennsylvania.....       | 6,200,000             |
| Indiana.....                             | 2,830,000             | Rhode Island.....       | 421,583               |
| Iowa.....                                | 2,220,500             | South Carolina.....     | 1,250,000             |
| Kansas.....                              | 1,440,000             | South Dakota.....       | 400,000               |
| Kentucky.....                            | (e) 2,100,000         | Tennessee.....          | 2,000,000             |
| Louisiana.....                           | 1,260,000             | Texas.....              | (d) 3,500,000         |
| Maine.....                               | 700,000               | Utah.....               | 280,000               |
| Maryland.....                            | (f) 1,150,000         | Vermont.....            | 350,000               |
| Massachusetts.....                       | (c) 2,846,670         | Virginia.....           | (e) 1,750,000         |
| Michigan.....                            | (f) 2,350,000         | Washington.....         | 500,000               |
| Minnesota.....                           | 1,950,000             | West Virginia.....      | 1,000,000             |
| Mississippi.....                         | 1,645,000             | Wisconsin.....          | 2,208,900             |
| Missouri.....                            | 3,750,000             | Wyoming.....            | 90,000                |
| <b>Grand Total, January 1, 1900.....</b> | <b>79,000,000</b>     |                         | <b>79,393,444</b>     |

(a) Estimate for January 1, 1899. (b) By the Secretary of the Board of District Commissioners. (c) By Census Department of Massachusetts. (d) Estimated for the Governor by the Department of Agriculture. (e) By the Educational Dept. (f) By the Secretary of State.

For the Indian Territory, of which a separate census has been made, 180,132 may be added.

## Lawn Tennis Records.

THE NATIONAL CHAMPIONSHIPS, 1899.

THE National Championship Lawn Tennis Tournament was held according to custom at the Newport (R. I.) Casino from August 15 to 23.

Malcolm D. Whitman successfully defended the title of national champion which he won in 1898. He also established an enviable record by passing through the entire season without a defeat.

The championship doubles were played in two sections, Eastern and Western, the winners meeting at Newport to decide the national championship. D. F. Davis and H. Ward won the Eastern section at Longwood during the week of July 24, easily winning from C. R. Budlong and Beales C. Wright, 6-4, 6-2, 6-2. The Western section of the tournament was played at the Kenwood Country Club, Chicago, July 5 and succeeding days, where there was the unusually large entry list of sixty-seven players. H. H. Hackett and J. A. Allen defeated L. H. Wardner and W. L. Myers, 6-2, 6-3, 6-2 in the finals.

The winners of the East, D. F. Davis and H. Ward, and the winners of the West, H. H. Hackett and J. A. Allen, met at Newport. The Eastern pair won in a well-played match, 3-6, 6-3, 6-3, 6-1, and as L. E. Ware and G. P. Sheldon, Jr., champions of 1898, were unable to defend their title, Davis and Ward became champions for 1899 by default.

The Women's National Championships were held at Philadelphia during the week of June 21. Miss Marion Jones, of San Francisco, won the single championship by default from Miss Juliette Atkinson, after defeating Miss Banks in the final round, 6-1, 6-1, 7-5. Miss Jones easily outclassed the other competitors, passing through the various rounds without losing a single set. Miss Craven and Miss McMaster won the championship in doubles over Miss Rastall and Miss Banks, 6-1, 6-1, 7-5. Miss Rastall and Mr. A. L. Hoskins, of the Belmont Cricket Club, won the championship in mixed doubles by defeating Miss Craven and Mr. Gardner, 6-4, 6-0, default.

## NATIONAL CHAMPIONS, 1899.

America—Singles, M. D. Whitman. Doubles, D. F. Davis and Holcomb Ward. Women's Singles, Miss Marion Jones. Women's Doubles, Miss McMaster and Miss Craven. Mixed Doubles, Miss Rastall and Mr. A. L. Hoskins. Interscholastic, Beales C. Wright. Intercollegiate—Singles, D. F. Davis (Harvard); Doubles, D. F. Davis and Holcomb Ward (Harvard).

Canada—Singles, M. D. Whitman. Doubles, M. D. Whitman and B. C. Wright. Women's Singles, Miss V. Summerhayes.

England—Singles, R. F. Doherty. Doubles, R. F. Doherty and H. L. Doherty. Women's Singles, Miss Hillyard (5th time). Women's Doubles, Miss Hillyard and Miss Steedman.

Ireland—Singles, R. F. Doherty. Doubles, Riseley brothers.

## SECTIONAL CHAMPIONS IN SINGLES, CUP HOLDERS AND OPEN TOURNAMENT WINNERS, 1899.

Southern (champ.)—J. C. Davidson.  
District of Columbia (champ.)—J. C. Davidson  
New England (champ.)—A. E. Forte (wins the cup 94-96-99).  
Hudson River (champ.)—C. S. Bott.  
Middle States (champ.)—M. D. Whitman.  
Western (champ.)—C. B. Neel (wins cup 94-95-99).  
Western (women's champ.)—Miss J. Atkinson.  
Maine (champ.)—H. H. Hackett.  
Massachusetts (champ.)—M. D. Whitman.  
Rhode Island (champ.)—C. R. Budlong.  
New York (champ.)—M. D. Whitman.  
New Jersey (champ.)—Richard Stevens.  
Pennsylvania (champ.)—Dr. E. N. Wilson.  
Virginia (champ.)—M. A. Agelasto.  
Pacific Coast (women's champ.)—Miss Marion Jones  
Pacific Coast (champ.)—George F. Whitney.

Canada (champ.)—M. D. Whitman.  
Canada (women's champ.)—Miss V. Summerhayes.  
Niagara (international)—R. D. Little.  
Niagara (international women's)—Miss Parker.  
Chicago (invitation)—W. S. Bond.  
Metropolitan (champ.)—E. P. Fischer.  
Southampton (invitation)—M. D. Whitman.  
Interscholastic (Columbia)—W. C. Grant (Tutor).  
Interscholastic (Harvard)—B. C. Wright (Hopkinton, Boston).  
Interscholastic (Princeton)—M. Thompson (Lawrenceville, Pa.).  
Interscholastic (Yale)—H. Miller (Hotchkiss, Lakeville).  
Interscholastic (Maine)—S. Bradford (Thornton).  
Interscholastic (Missouri)—George Adams (Smith, St. Louis).  
Intercollegiate (Maine)—Mr. Summerbell (Bates).

## SECTIONAL CHAMPIONS IN DOUBLES AND OPEN TOURNAMENTS, 1899.

Canadian (champ.)—M. D. Whitman and Beales C. Wright.  
District of Columbia (champ.)—J. C. Davidson and J. P. Paret.  
Eastern (champ.)—D. F. Davis & Holcomb Ward.  
Hudson River (champ.)—C. S. Bott and C. D. Millard.  
Intercollegiate (Maine)—Dana & Dana (Bowdoin).  
Interscholastic (Maine)—Sibly and Harris (Portland High).  
Metropolitan (champ.)—H. H. Hackett and J. A. Allen.  
Middle States (champ.)—D. F. Davis and Holcomb Ward.

New England (champ.)—H. H. Hackett and J. A. Allen.  
New Jersey (champ.)—W. A. Larned and E. P. Larned.  
New York (champ.)—J. P. Paret and R. D. Little.  
Pacific Coast (champ.)—Samuel Hardy and Sumner Hardy.  
Pennsylvania (champ.)—R. N. Wilson and J. R. Carpenter, Jr.  
Southern (champ.)—J. C. Davidson and J. P. Paret.  
Western (champ.)—H. H. Hackett & J. A. Allen.  
Western (women's champ.)—Misses C. B. Neely and Maud Jacobs.

## RANKING FOR 1899.

The following committee, James Dwight, P. E. Presbray, E. P. Fischer, D. F. Davis, and Alfred Codman, at a meeting held in Boston Nov. 17, 1899, decided the ranking for 1899 to be in order named:

Over 1-6 of 15—M. D. Whitman. Scratch—Dwight F. Davis, William A. Larned. 2-6 of 15—J. P. Paret, Knight Collins, G. L. Wrenn, Jr., L. E. Ware, B. C. Wright, Holcomb Ward, R. F. Huntington, R. Stevens, E. P. Fischer, J. A. Allen. 4-6 of 15—S. C. Millett, W. S. Bond, R. D. Little, H. H. Hackett, E. R. Marvin, C. R. Budlong. 15—J. C. Davidson, A. Codman, R. McKittrick, E. P. Larned, W. J. Clothier, N. H. Mundy. 15 and 2-6—K. Horton, J. R. Carpenter, H. E. Avery, W. C. Grant, Storer Ware, A. C. McMaster.

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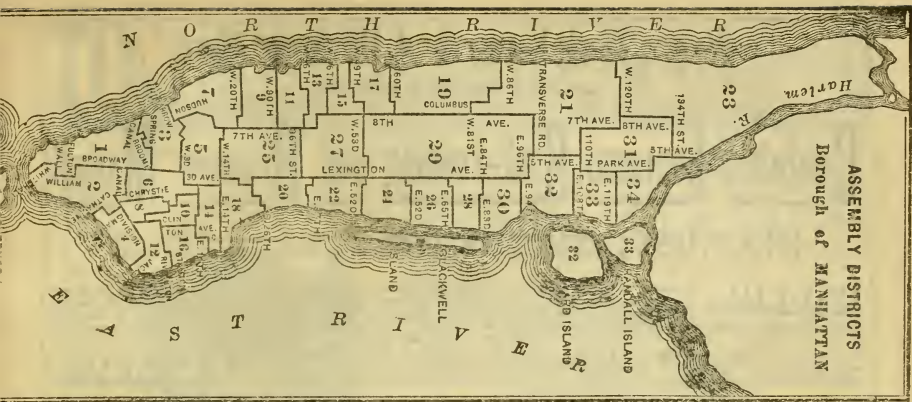
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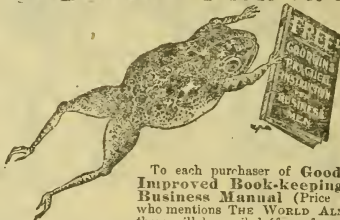
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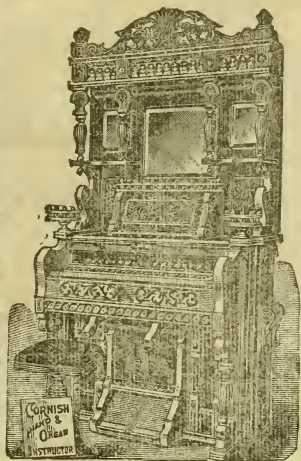
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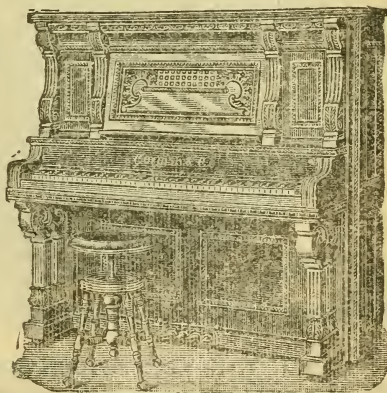
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|                  |   | East to Grand, 10th and 23d St. Ferries, E. R.  |
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| 53d St.....      | { | North to Boulevard and Fort Lee Ferry, N. R., and Amsterdam Ave to Fort George.                   |
|                  |   | South on Boulevard line 42d St., connecting East and North Rivers                                 |
| 66th St.....     | { | Boulevard line to Fort Lee, N. R., and Amsterdam Ave. to Fort George.                             |
|                  |   | South, Boulevard line to 42d St., E. R., and 34th St., E. R. (L. I. R. R.)                        |
| 125th St.....    | { | West to Fort Lee Ferry, N. R., North to Fort George.  |
|                  |   | East to 125th St. and 3d Ave. and E. R. and via St. Nicholas Ave. to 110th St., 3d Ave. and E. R. |
| 135th St.....    |   | East to 135th St. and 3d Ave. and Bronx District.   |
| 155th St.....    | { | East to 161st St. and 177th St., 3d Ave. and Bronx District.                                      |
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### NINTH AVENUE LINE.

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|--------------------|---|--|
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| Franklin St.....   | { | West to Franklin and Desbrosses St. Ferries, N. R.   |
|                    |   | East to Grand St. Ferry, E. R.   |
| Desbrosses St..... | { | West to Desbrosses St. Ferry, N. R.  |
|                    |   | East to Grand, 10th and 23d St. Ferries, E. R.   |
| 42d St.....        | { | West to West Shore Ferry, N. R.  |
|                    |   | North, 19th and Amsterdam Ave. to Fort George and Boulevard line to Fort Lee Ferry, N. R.        |
|                    |   | East to 42d St., E. R., and 34th St., E. R. (L. I. R. R.)  |
| 66th St.....       | { | North, Boulevard line to Fort Lee Ferry, N. R. and Amsterdam line to Fort George                 |
|                    |   | South, Boulevard line to 42d St., E. R., and 34th St., E. R. (L. I. R. R.)                       |
| 125th St.....      | { | West to Fort Lee Ferry, N. R., North to Fort George.   |
|                    |   | East to 125th St. and 3d Ave. and E. R., and via St. Nicholas Ave to 110th St., 3d Ave and E. R. |
| 135th St.....      |   | East to 135th St. and 3d Ave and Bronx District.   |
| 155th St.....      | { | East to 161st St. and 177th St., 3d Ave. and the Bronx District.                                 |
|                    |   | North, Jerome Ave to Woodlawn.   |

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|                           |   |  |
|---------------------------|---|--|
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| Canal St.....             | { | West to Desbrosses, Franklin, Chambers, Barclay and Cortlandt St. Ferries, N. R.                 |
|                           |   | East to Grand St. Ferry, E. R.   |
| Grand St.....             | { | West to Desbrosses, Franklin, Chambers, Barclay and Cortlandt St. Ferries, N. R.                 |
|                           |   | East to Grand, 10th and 23d St. Ferries, E. R.   |
| 14th St.....              |   | East to 14th St., E. R., and 10th and Grand St. Ferries, E. R.                                   |
| 42d St.....               | { | East to E. R. and 34th St. (L. I. R. R.) Ferry.  |
|                           |   | West to West Shore Ferry, N. R.  |
| 111th St.....             |   | East via 110th St. to E. R. and West via 110th St. and St. Nicholas Ave to Fort Lee Ferry, N. R. |

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|---------------------------|---|---|
| Chatham Square J'c't..... |   | East to Grand, 10th and 23d St. Ferries, E. R.                                      |
| Canal St.....             | { | West to Desbrosses, Franklin, Chambers, Barclay and Cortlandt St. Ferries, N. R.    |
| Grand St.....             |   | East to Grand St. Ferry, E. R.  |
| 42d St.....               | { | West to West Shore Ferry, N. R.   |
|                           |   | East to 42d St., E. R., and 34th St. (L. I. R. R. Ferry).                           |
| 106th St.....             |   | Via 110th St., St. Nicholas Ave. to Fort Lee Ferry, N. R., East to 110th St., E. R. |
| 125th St.....             |   | West to Fort Lee Ferry and Fort George and East to E. R.                            |
| 133d St.....              |   | East to Unionport and Bronx District.   |
| 128th St.....             |   | West to 135th St. and 8th Ave. and East to Port Morris and Bronx District.          |
| 149th St.....             | { | East to Southern Boulevard and Bronx District.                                      |
|                           |   | West via Melrose Ave. and 161st St. to High Bridge.                                 |
| 161st St.....             | { | West to Jerome Ave. to High Bridge.   |
|                           |   | East to Unionport, Westchester and Bronx District.                                  |
| 177th St.....             |   | West to Jerome Ave., East to Unionport, Westchester and Bronx District.             |

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Devices—THE AUTOGRAFIC REGISTER CO., of N. Y. Main Office, 343 Canal St., New York City. Branches in all principal cities. Send for estimates on labor-saving devices; our advice gratis.

### Awnings.

JOHN SULLIVAN & SON, 356 Hudson St., New York, Manufacturers of Awnings, Tents, and Flags; Waterproof Horse, Truck, and Merchandise Covers. Waterproofing for the trade.

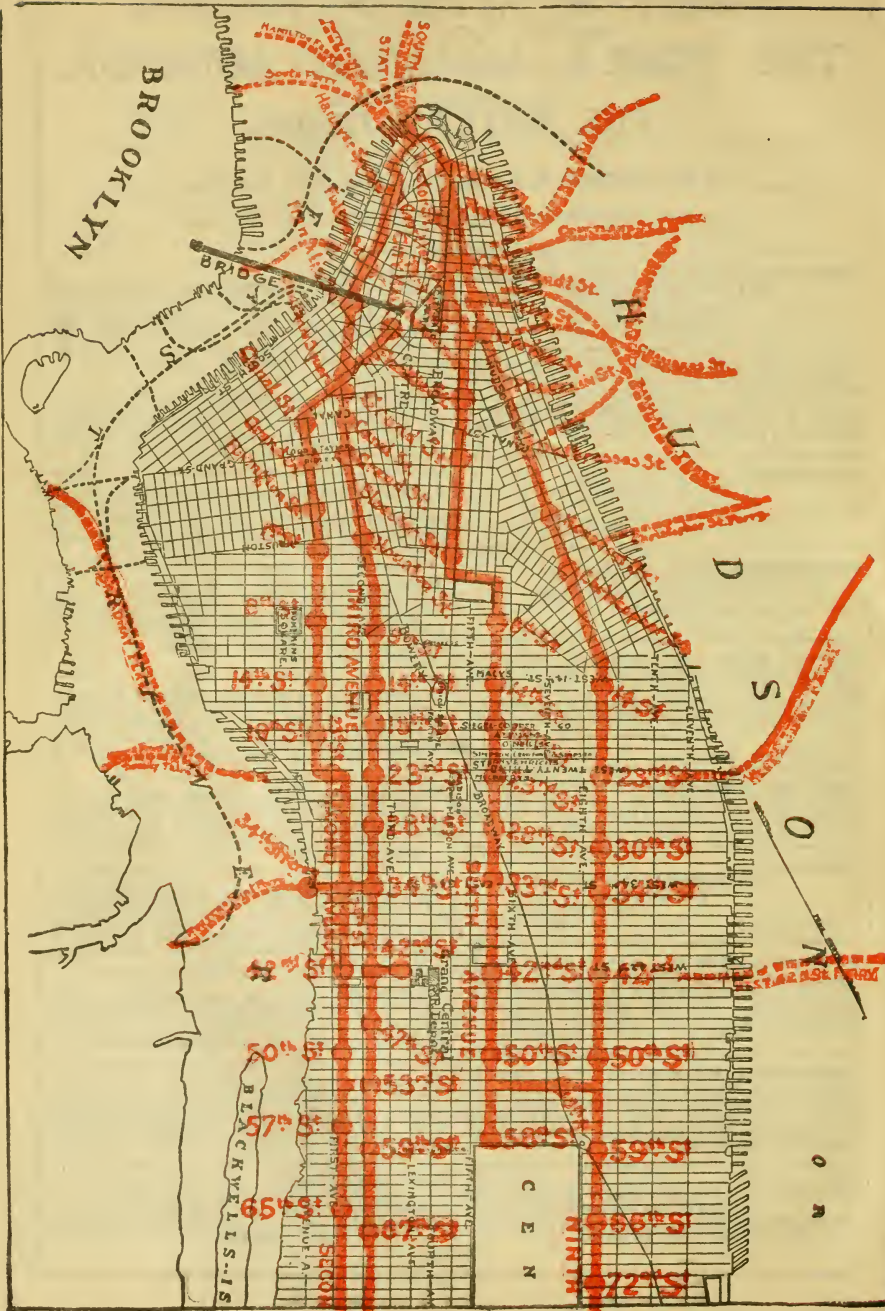
### Bankers—REDMOND, KERR & CO., Bankers,

41 Wall St., New York. Members of New York Stock Exchange. Transact a general banking business. Deal in high-grade investment securities. Philadelphia correspondents: Graham, Kerr & Co.

### Barrels and Casks.

J. COSGROVE & SON, Coopers, 154-156 Maiden Lane, near Front St., New York. Barrels and Casks, Half Barrels and Kegs Bought and Sold.

# Manhattan (Elevated) Railway System.





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### Bath Cabinets.

IRWIN MANUFACTURING CO., 123 Chambers St., New York. Most complete line Vapor, Turkish, or Thermal Bath Cabinets in world. Liberal commission to agents.

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Bicycles, Bicycle Tires, and Sundries of every description. Small profit and quick sales our motto. Wholesale and retail. Store: 23 Park Row; retail store, 110 to 116 Nassau St., near Ann.

### Blank Books and Printing.

JOHN CASSIDY, Blank Book Manufacturer, Printer, and Lithographer.  
Stationery at Wholesale.  
221-225 Fulton St., New York.

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Plain and Artistic,  
In all Varieties of Leather.  
HENRY BLACKWELL,  
University Place, cor. 10th St., N. Y. City.

### Books and Stationery—Books sent to all parts

of the world by mail. Delivery guaranteed. Send for free monthly bulletin. Writing Papers, Engravings, Periodicals, French and German Books. Brentano's, N. Y., Chicago, Washington, and Paris.

### Bottlers' Supplies—Budde & Westermann, Est.

1872.—Bottles, Flasks, Demijohns, Corks, Caps, Labels, Cases, Straw Covers, Foil, Faucets, etc.; Bottling Machinery; Bar Glassware, Hotel China, etc.  
50 and 52 Vesey St., New York.

### Brass and Copper.

U. T. HUNGERFORD BRASS & COPPER CO.  
Brass and copper in sheets, tubes, wire, rods, rivets, tacks, nails, etc. 121 Worth St., between Elm and Centre Sts., New York. Telephone, 2144 Franklin.

### Brushes.

HOLLINGSWORTH, KIP & ERSKINE,  
Manufacturers of Brushes,  
447 and 449 Greenwich St.,  
New York.

### Building and Loan Association—HOMES

purchased for small cash payment; balance paid monthly same as rent. MORTGAGES paid off and additional advances made where conditions warrant. Investment shares paying 5 and 6 per cent dividends issued. New York Building-Loan Bank-ling Co., 111 Fifth Ave., New York.

### Cameras and Lenses—Kodaks, Premos, Pocos,

and a number of other makes always on hand at lowest prices. Send stamp for "Bargain List."  
NEW YORK CAMERA EXCHANGE,  
114 Fulton St., New York City, N. Y.

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LOFT & CO.,  
54 Barclay St., New York.  
Manufacturing Confectioners, for home and export trade.

### Carpenter—J. H. ADAMSON, Carpenter, B'ld'r,

Cabinet Maker, and General Woodworker, 57 Ann St., N. Y. Orders received and promptly executed in every branch of the building line. Jobbing attended to and estimates cheerfully given. Tel., 1438 Cortlandt.

### Carpet Cleaning.

CAREFUL CARPET CLEANING CO.,  
419, 421 and 423 East 48th St., 1558 Broadway.  
Carpets cleaned by steam, by hand, or on the floor. Coe & Brandt, Proprietors. Telephone, 132-38.

THE H. C. BROWN CO. (Incorporated), Steam and Compressed-Air Carpet Cleansing, 221 East 38th St., New York. Branch office, 1535 Broadway. Telephone, 1,531 38th St.

### J. & W. WILLIAMS,

353 West 54th St. Established 1875.  
Telephone, 366 Columbus. Send for prices.  
Altering and Relaying.

### THE NEW YORK STEAM CARPET CLEAN-

ING WORKS, W. H. JORDAN, Prop., 437-439 West 45th St.  
Established 1857. Tel., 511 38th St.

### THE THOMAS J. STEWART CO.

Thomas J. Stewart, Pres., the Leading Carpet Cleaners of the World, 1554 Broadway, cor. 46th St., New York; Erie and Fifth Sts., Jersey City; 1238 Bedford Ave., cor. Fulton, Brooklyn. Storage Warehouses, padded vans for removing furniture anywhere. Most complete and largest works in existence.

### Caterer—A. CARDANI, Caterer and Confectioner,

967 Sixth Ave., 765 Lexington Ave. Wedding Dinners, Receptions, etc., furnished with every requisite. Cooks and waiters supplied. Telephone Call, 205 Col. Branch Tel., 1253-79.

### Celluloid Advertising Novelties, Signs, Buttons, and Campaign Badges.

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### Cemeteries.

WOODLAWN CEMETERY,  
Woodlawn Station,  
New York and Harlem Railroad, 24th Ward.  
City Office, 20 East 23d St., New York.

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**Chemical Apparatus**—Elmer & Amend, Estab. 1851—Manufacturers and Importers of Chemical Apparatus and Chemicals. 205, 207, 209 and 211 3d Ave., cor. 18th St., New York. Largest stock in the United States of chemically pure Chemicals and Apparatus.

**Chimney Renovators**—GEORGE SMITH & SON (Established 1840), 249 and 251 West 23rd St., Chimney Renovators and Contractors. We guarantee under any circumstance that if we have absolute charge and our advice is followed no chimney or flue will ignite. We will cure any chimney from smoking and make the draughts perfect.

### Chiroprodist.

CHARLES S. LEVY, Chiroprodist,  
18 Lafayette Place, New York.  
Branch Hoffman House Baths, 7 West 24th Street,  
New York.

### Cigars.

A. SCHULTE, Imported, Key West, and Domestic Cigars, N. Y. Times Building, 39 Park Row, New York. Stores: N. Y. World Building, Postal Telegraph Building, 11 Wall St. Tel., 3707 Cort.

**Cold Storage**—Harrison Street Cold Storage Co., Co'rage and Freezing of Poultry, Butter, Eggs and Cheese, 3, 5, 7, 9, and 11 Harrison St., 77 and 79 Hudson St., New York. Tel. 347 Franklin. Wm. Fellowes Morgan, Pres. D. J. McCarthy, Mgr.

### Collections.

R. G. DUN & CO.,  
Dun Building,  
290 Broadway,  
New York.

### Commission Merchants and Importers.

MARQUETTE & CO., Importers, Exporters, and Commission Merchants, 120 Front and 110 Wall St., New York. Havana, Calle de Luz, No. 7. Advances made on consignments.

**Corks and Corkwood**—WILLIAM J. FARRELL, Corks and Corkwood, San Felu de Guixols, Cataluna, Spain. Branches: 9 Mármoles, Sevilla; Lisbon, Portugal. Canadian, Mexican, and American Depot, 115 & 117 Malden Lane, N. Y. City.

**Cuba—Cuba—Cuba—Cuba**—Munson Steamship Line, direct route to Matanzas, Cardenas, Sagua La Grande, Nuevitas, Puerto Padre, Gibara, Baracoa and the ports of the North Shore of Cuba. W. D. Munson, Gen'l Agt., 27 William St., N. Y.

**Cutting Dies**—Knives, Cutters, Punches, and Dies for cutting leather, paper, rubber, etc., such as fancy cards, labels, envelopes, suspenders, pocketbooks, etc.; also Builders and Designers of Special Machinery used by these trades. A. Dewes, 243 Centre St., New York.

### Dairy Supplies.

HATCH & CO., Estab. 1839.—Manufacturers of Steel-Clad Milk Cans and dealers in Dairy Supplies, Milk Jars, Milk Cases, Carriers, etc.  
1 Desbrosses St., corner Hudson St., New York.

**Dancing Academy**—HOSEA HIGGINS, "Our Own" Academy of Dancing, 140 W. 23d St., New York. Waltz guaranteed; six private lessons with music, \$5; quarter, 24 lessons, \$5. Lady assistants. School open Summer and Winter.

### Dentists.

THE HAYES DENTAL ASSOCIATION.  
Magnificent Private Parlors at Siegel-Cooper Co., New York and Chicago. Expert Specialists. Lowest Prices. For announcement see page xxx.

**Detective Agency**—Fuller's New York Detective Bureau, 826 Broadway, N. E. cor. 12th St., New York City. J. M. FULLER, Chief.  
Established 1870. Telephone, 1064 18th. Bonded and licensed by the State of New York.

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D. A. HUEBSCH & CO., 31 Rose St., New York.

**Disinfectants**—Mizel Brownell Chemical Co., manufacturers of a non-poisonous liquid disinfectant for households, stores, factories, etc.; best and cheapest on the market. Manufacturers also of Liquid Sheep Dip and Cattle Wash. Agents wanted everywhere. Office, 1135 Broadway, N. Y.

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SEDGWICK MACHINE WORKS, Manufacturers of Dumb Waiters and Hand Elevators, 110 Liberty St., New York. J. I. WAKELEE, Secretary. Telephone, 2916 Cortlandt.

### Electrical Repair Works.

CHARLES A. BORNE, 53 Rose St., New York. Expert work. Repairing of Dynamos and Electrical Apparatus. Second-hand Dynamos and Motors. Established 1893. Telephone, 1781 John

**Electrician**—JOHN T. WHITEHEAD, Electrical Contractor, 1024 Sixth Ave., bet. 57th and 58th Sts., New York. Tel., 2290 38th St. Electric Light Wiring, Burglar Alarms, Fans and Motors, Gas Lighting, Dynamos, Telephones, Repairs of Electrical Apparatus a specialty.

### Electric Novelties and Construction—H. E.

PLASS ELECTRICAL SUPPLY CO., 23 Barclay St., Manufacturers and Jobbers in Electrical Novelties and Supplies, Miniature Lamps and Sockets. Electric Torches, Physicians' and Surgeons' Electrical Apparatus. Correspondence invited. Send for catalogue.

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WILLIAM N. MCCOMB, Prop. and Manager  
EMPIRE ELECTRIC SIGN CO.,  
107 West 29th St., New York.  
General Electric Contractors. Tel., 889 Madison Sq.

**Electrotypers**—THE LOVEJOY CO. (Established 1853), Electrotypers and Stereotypers, (Long Distance Telephone), Nos. 444 and 446 Pearl St., New York, U. S. A. Manufacturers of Electrotype Machinery. All kinds of plates for printing.

### Elevators.

OTIS ELEVATOR COMPANY,  
71 Broadway,  
New York.

### Enamelled Advertising Signs and Letters

(Wholesale and Retail).

CAESAR BROS.,  
112 Fulton St., New York.  
Advertising Contractors. Tel., 2181 John St.

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**Engravers and Embossers**—H. G. ALFORD & CO. (Established 1824), Engravers, Printers, Embossers, Visiting Cards, Wedding Invitations, 95 and 98 Fulton St., s. e. corner William St., New York. Tel., 685 John.

### Express (Local).

NEW YORK DESPATCH & DELIVERY CO.,  
W. P. VAN HORN,  
23 Great Jones St.,  
New York City.

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AMERICAN FELT COMPANY,  
Manufacturers of Every Description of Felt,  
110 and 112 East 13th St., New York.  
Telephone, 1970 18th.

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PAIN'S FIREWORKS CO., Manufacturers of Pain's Manhattan Beach Fireworks. Public and Private Displays. Fireworks at wholesale and retail. No. 12 Park Place, New York.

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**Flags and Banners**—AMERICAN FLAG CO., 45-47 Elizabeth St., New York.—Makers of Muslin Bunting and Silk Flags of all nations, also of Name, House, and Ship Flags of every description. Decorations, Draperies, Paper Lanterns, Paper Balloons. Local and Long Distance Telephones.

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SIEBRECHT & SON, 409 Fifth Ave., New York. Rose Hill Nurseries, New Rochelle, N. Y. Most complete collections of Plants, Trees, Shrubs and Flowers in America. Send for catalogue.

### Florists.

Landscape Gardening, Care of Lots.  
WM. NILSSON, Florist,  
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Opposite station.

### Foreign Freight and Express Forwarders.

PITT & SCOTT, 39 Broadway, N. Y.; 121 Water St., Boston, Mass. Express packages and large freight shipments forwarded to all parts of the world; also offices at London, Liverpool, Paris, and Hamburg. Tariff of rates mailed free.

### Freethought Publishers—Ingersoll's Works,

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Largest stock of French Books in America.  
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Merritt Burial and Cremation Co., 8th Ave. and 19th St., N. Y. City. Bodies removed any hour, day or night. Crematorium and Funeral Chapels. Prices moderate. Free Burial Fund for the Respectable Poor.

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Our specialty is repairing of all kinds.

### Galvanized Iron Range Boilers—L. O.

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The Centre Gas Fixture Co., New and Second Hand Gas Fixtures; Machinery, Motors, and Gas Engines; Gas Fixtures Refinished. Spring and Platform Scales. 199, 201, 203 Centre St., New York. Edw. J. Brown, Manager.

### Gloves.

**Trefousse and Foster Kid Gloves,**  
PASSAVANT & CO.,  
Sole Agents,  
80 and 82 Greene St., New York.

### Groceries, Provisions, Etc.

Liquid Canned Foods, Flour, etc. All goods delivered free of charge. ASPELL & CO., 151 Hudson St and 2, 4, 6, 3 Hubert St., New York. Telephones, 429, 981 Franklin.

### Groceries, Wines, and Liquors.

JACKSON & CO., Established 1848. Grocers and Wine Merchants, 114 West 23d St., New York. Telephone, 889-18th St. Goods delivered free within 100 miles of New York.

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GLEN ISLAND HOTEL, on the European Plan 83, 90 and 92 Cortlandt St., Opposite Pennsylvania R. R. Depot, August Quick, Proprietor, New York. Telephone Call, 3611 Cortlandt.

GRAND UNION HOTEL, opposite Grand Central Station, 42d St. and Park Ave. European plan. Rooms \$1 a day up. Restaurants at moderate prices. Baggage to and from station free. Central location.

HEADQUARTERS BUYERS' ASSOCIATION. HOTEL ALBERT (European Plan), 11th St. and University Place, one block west of Broadway. Good comfortable rooms from \$1 per day upward.

### Hotels.

HOTEL GRENOBLE, 7th Ave. and 56th St., N. Y., under the management of Warren Leland, Jr. Broadway cable cars pass the door; elevated station within one block. Every modern comfort and convenience, and absolutely fireproof.

### HOTEL JEFFERSON,

102-104-106 East 15th St. (Union Square.) American and European Plans. Rooms, \$1 per day and upward. Most central location in New York City. Write for booklet. J. E. Chatfield, Prop.

NORTH RIVER Hotel & Restaurant, on the European plan, open day and night; Redding & Muenzer, props.; cor. Barclay & West Sts., N. Y.; opp. Hoboken Ferry to D., L. & W. R. R. Depot. American, Bremen, Hamburg, and Red Star Line Steamers to Europe.

NORTHWESTERN HOTEL, A. Zimmermann, opp. Erie R. R. and Fall River Boats, 200-202 Chambers St. and 185 West St., New York. European plan. Restaurant and barber shop attached. Rooms by day, week, or month at moderate prices.

SHERMAN HOTEL, 152 and 154 East 42d St., between Lexington and Third Aves., New York. Near Grand Central Depot. Meals at all hours. Rooms from 50c. upward. Open day and night. French, German, Italian, and English spoken. ALEX. C. SHERMAN, Proprietor.

WEST SHORE HOTEL, 560-570 West 42d St., N. Y. City. One block from terminus of the West Shore, N. Y., O. and W. R. R. Wm. von Twinstern, Prop. Tel. call, 1693-33. European plan; 200 rooms; reasonable rates; restaurant, moderate prices.

**Hektograph**—For duplicating copies of letters, circulars, manifests, music, etc.; 100 copies of any original can be made in 20 minutes. We are the original manufacturers. Beware of all so-called Improved Hektographs. HEKTOGRAPH CO., 42 Murray St., New York City.

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STANLEY HOD ELEVATOR CO., 620 to 626 West 25th St., New York. Telephone, 1211 18th St. Branch: 660 and 662 East 155th St., between Melrose and Elton Aves.; tel., 50 Melrose, New York.

**Hoisting Engines**—J. BAGGALEY, Manufacturer of Improved Friction Hoisting Engines and Hoisting Machines, for coal yards, railroads, contractors, pile driving, docks, quarries, and general hoisting purposes. 14 James Slip, N. Y. Telephone, 1923 Franklin.

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CO. Established 1865. Pilsener, Kaiser, Culmbach, Munchen Erlangen, Wurzburg Beers, in keg or bottle. "Wholesome, nutritious, very palatable." 115-119 Elm St., N. Y. Tel., 225 Spring.

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### Iron Work for Buildings.

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All kinds of Iron Work for Buildings,  
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Tel., 1786 Madison Square.

### Iron Work, Ornamental.

HERVEY THOMPSON, 145 W. 28th St., N. Y., manufacturer of artistic iron work of every description. Jobbing and repairs for estates, etc. Estimates cheerfully furnished. Tel., 943 Madison Sq.

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Laundry Co. Railway, steamship, hotel, clubhouse, and restaurant work, 554 to 562 West 25th St., New York. Telephone, 1078 18th St. T. E. Sloan, President; L. K. Cotton, Manager.

### Letters of Credit

For Travellers  
and Importers.  
BROWN BROTHERS & CO.,  
59 Wall St., New York.

### Libraries—MERCANTILE LIBRARY, Astor

Place. Branches: 426 Fifth Ave. and 124 Broadway, New York. Library contains 263,000 volumes. Books forwarded by mail or express to members out of town. Membership, \$5 per year.

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C. P. VOSBURGH,  
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Car and cargo lots only. Sellers and buyers invited to call or correspond. Telephone, 681 Cortlandt.

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AND MACHINE WORKS.—Tools and Machinery of all kinds designed, built, and repaired. Electrical, Bicycle, and Model Work. Inventions developed. Machines perfected and patents secured. 24, 25, 26, and 27 West St., corner Morris St., New York.

### Machine Tools—THE NILES TOOL WORKS

CO., 136 Liberty St., New York City. Complete equipment for machine shops, railroad yards, ship yards, automobile factories, etc. Also, all-wrought steel pulleys.

### Machinists—JOHN MCAINSCH, successor to

Mitchell Company, Engineers, Boiler-Makers, and Millwrights, 21st St. and 11th Ave., New York. Telephone, 1244 18th St. Steam Fitting in all its branches. Cylinders bored out in place.

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RAND, McNALLY & CO.,  
142 5th Ave., New York; 166-168 Adams St.,  
Chicago. Catalogue mailed on receipt of request.  
Correspondence solicited.

### Mattress Renovating at customer's house

a specialty by the **Mauborgne method**. Sole users of own patented oscillating hair-carding machines and collapsible benches. State rights, etc., for sale. 846 9th Ave., N. Y. Tel., 967 Columbus.

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Send for Catalogue.

### Meerschann Pipes.

JOSEPH LEHRKINDER, Manufacturer of Meerschann and Briar Pipes, Cigar and Cigarette Holders; expert in pipe repairing, boiling, and mounting. 85 Nassau St., New York.

### Mercantile Agencies.

R. G. DUN & CO.,  
Dun Building,  
290 Broadway,  
New York.

### Metal Ceilings and Walls

IN CLASSIC DESIGNS.  
BERGER MANUFACTURING CO.,  
210 East 23d St.,  
Tel., 2632 18th. Manhattan.

### Metal Goods Manufacturers—WILLIAM

SCHIMPER & CO., Manufacturers of Fine Silver-plated Novelties. Sterling Silver and Metal Goods of every description. 320, 322, 324, 326 Ferry St., Hoboken, N. J. Telephone call, No. 170 Hoboken. Salesroom, 369 Broadway, New York City.

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Hardware, Machinery, and Supplies for Railroads, Steamships, Engineers, Mills, Mines, etc.  
W. J. SCHAEFER & CO.,  
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CARL H. SCHULTZ, 430-444 1st Ave., New York, N. Y. Telephone call, 142 Madison Square. The only pure and correct Artificial Mineral Waters sold in New York City to-day.

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S. CLINTON SHERWOOD,  
Cemetery Memorials in Granite, Monuments, Mausoleums, Statuary, 10 West 23d St., cor. Fifth Ave., New York.

**Mouldings**—L. C. TUFTS, manufacturer of Mouldings, Doors, Sashes, Blinds, etc., Shelf Columns, Table Legs, 120 and 132 Elm St., near Canal St.; telephone, 1266 Spring; 159 East 8th St., near 3d Ave.; telephone, 678 38th St., New York.

### Mustard.

#### Ardenter Mustard!

The Finest Mustard manufactured on this or the European Continent. W. G. Dean & Son, 361-363 Washington St., New York.

**Office Fixtures**—JAMES S. BUSH, Bank Office, and Store Fixtures, Fine Metal Work, 176 Broadway, Room 46, New York. Office Partitions, Office Rails, Decorations, Store Tables, Store Counters, Wall Cases. Telephone, 4674 Cortlandt.

**Office Furniture**—WM. SCHWARZWAELDER & CO., Manufacturers of Office Desks, Bank and Commercial Furniture, Architectural Wood Work, 343 Broadway, New York. Factory, Chichester, N. Y. Telephone, 1038 Franklin.

### Old Gold and Silver.

Worn-out gold and silver bought by R. LONGMAN'S SONS, Gold and Silver Refiners, 8 John St., New York.

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PAUL GRIMM,  
Cash Buyer of all kinds of Woolen Rags, Paper Stock, Rubber, and Metals.  
32-34 Ferry St., New York.

**Open Fireplace Fixtures**—FRANK H. GRAF, 323 and 324 Seventh Ave., New York. Designer and Manufacturer in Brass and Wrought Iron, Fenders, Andirons, Fire Sets, Gas Logs, Tiles, etc. Renovating and Repairing a Specialty.

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### Packing Boxes.

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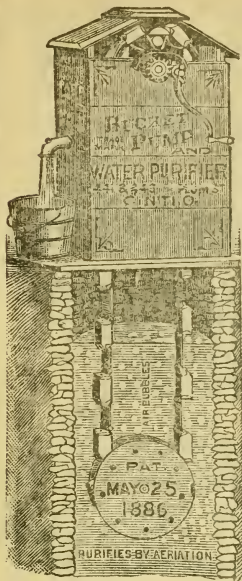
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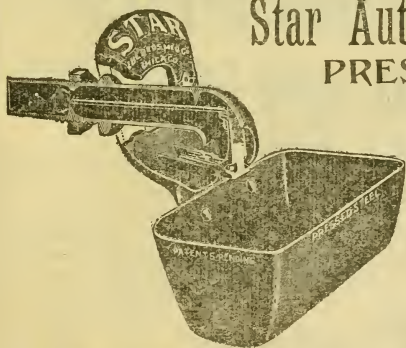
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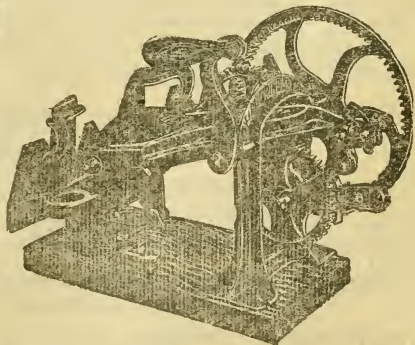
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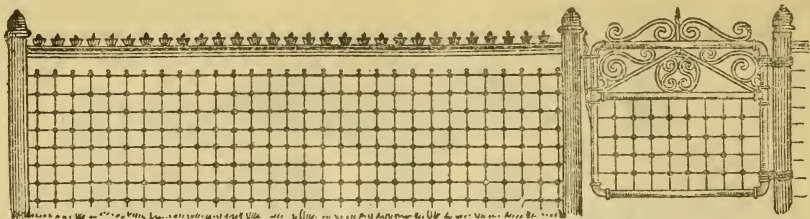
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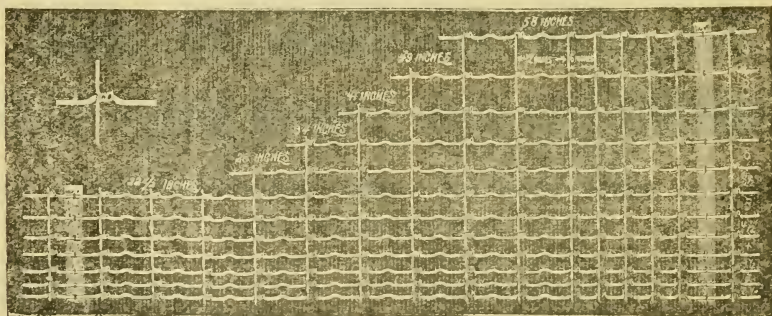
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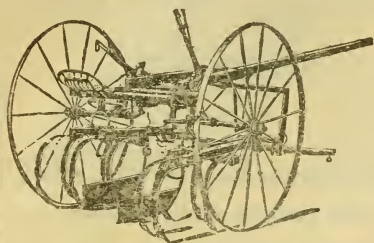
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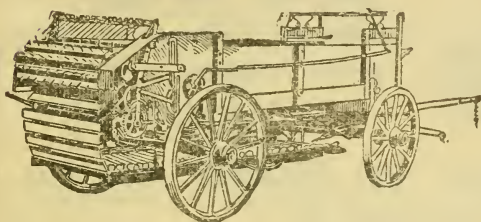


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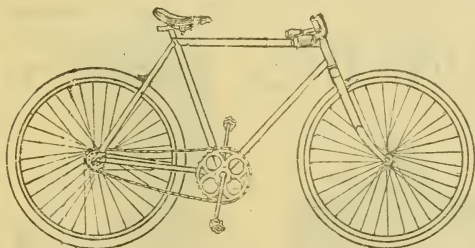
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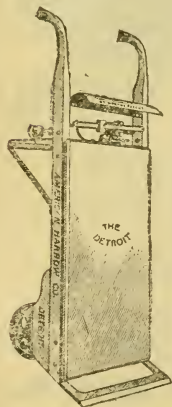
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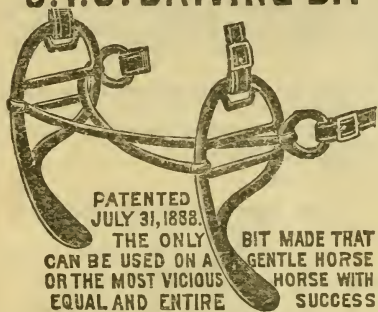
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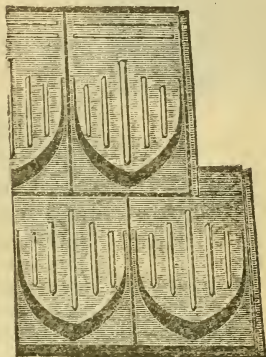
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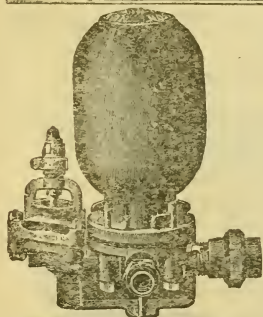


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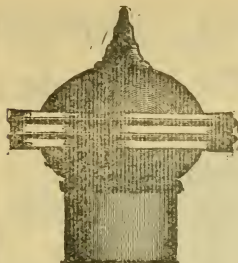
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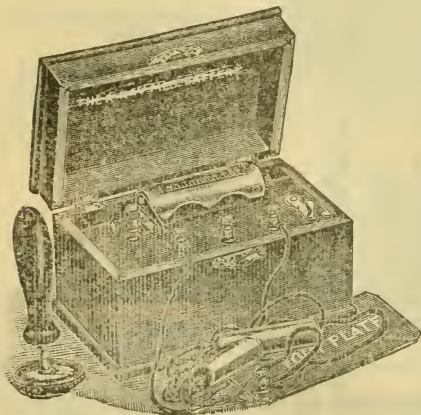
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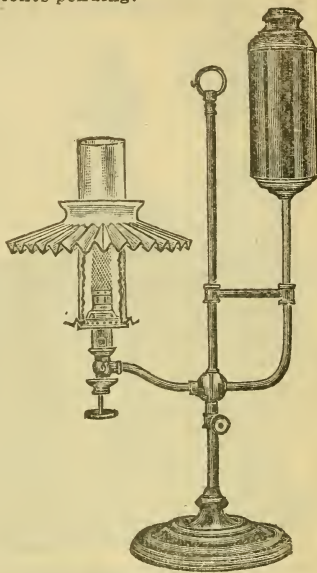
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These Lamps have been approved by the  
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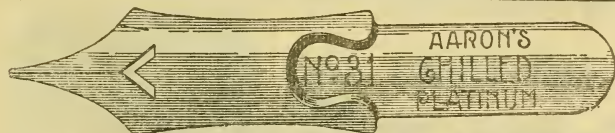
THE illuminant is gasoline stored in compartments in the lighting fixtures, and on passing through a heating chamber reaches the orifice in the form of gas which burns with a smokeless flame under a mantle heated to incandescence. The principle has been applied to a student lamp for stand use, an illustration of which appears herewith. The construction is such as to give a brilliant light with a very small consumption of gasoline, and at a low cost for lighting as compared with other methods. The light is not affected by temperature, and will burn equally well in Summer or Winter. The lamp uses 74° stove gasoline. There is no odor like the old gasoline stove. Send for descriptive circular and mention WORLD ALMANAC



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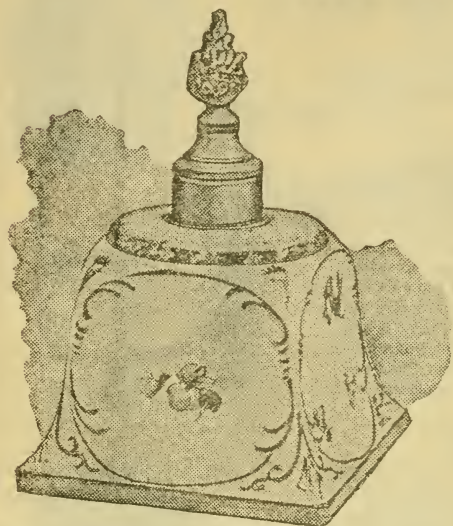
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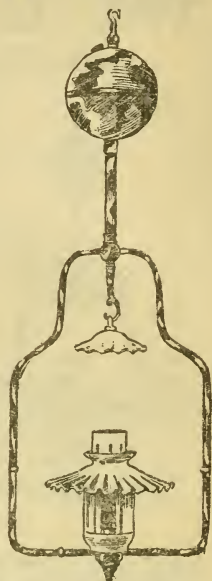
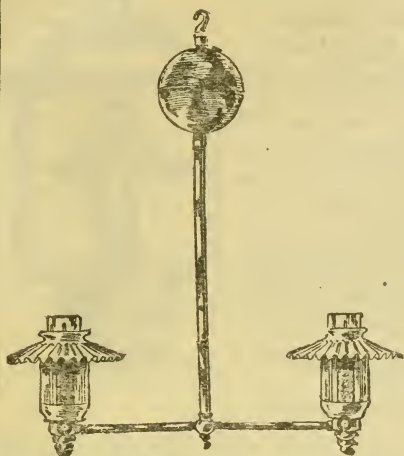
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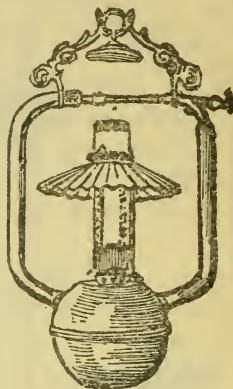
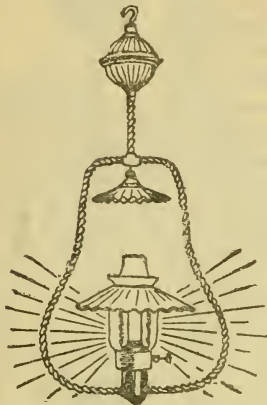


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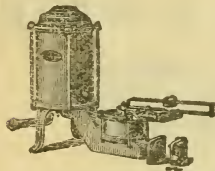
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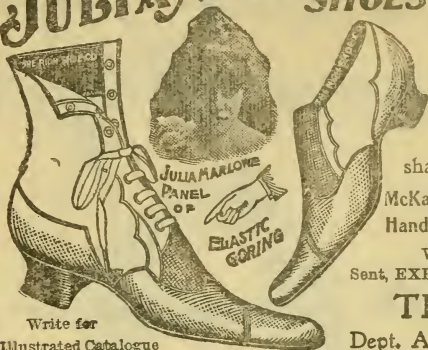
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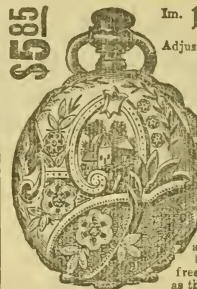
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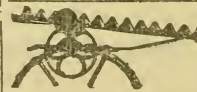
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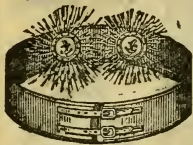
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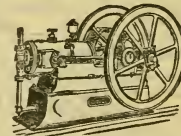
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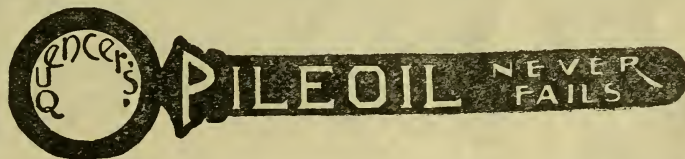
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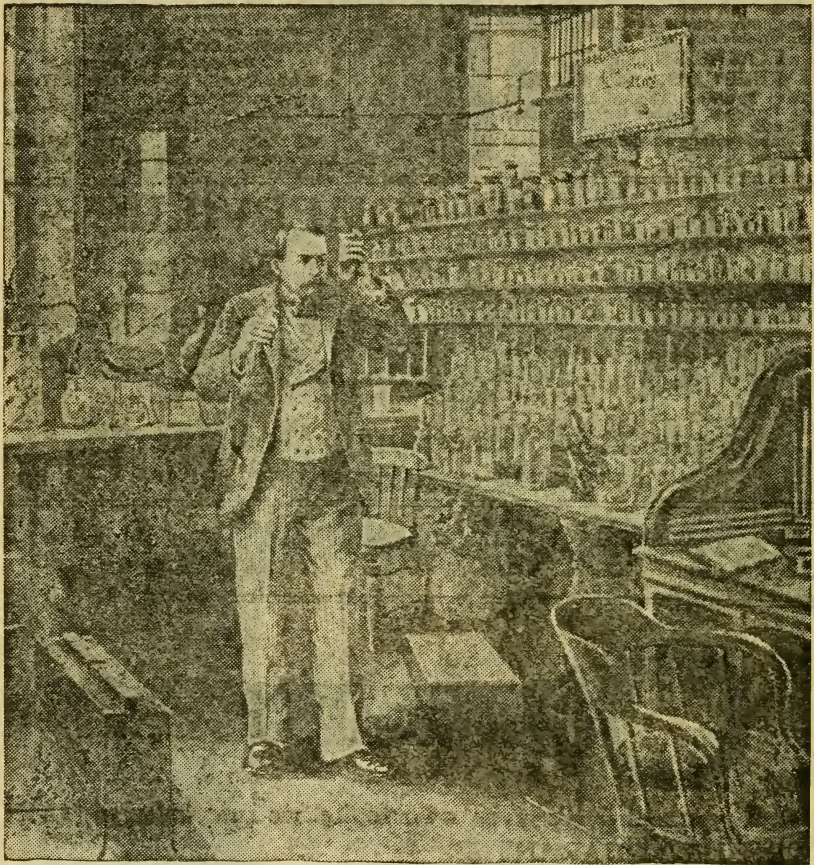
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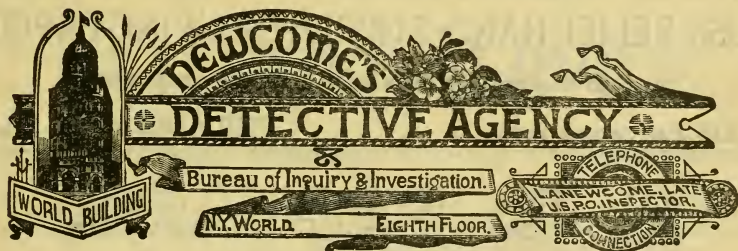
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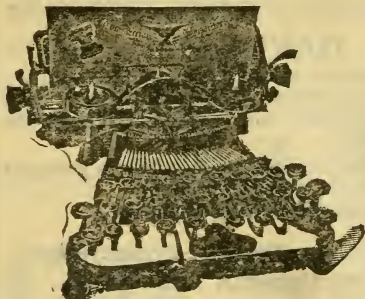
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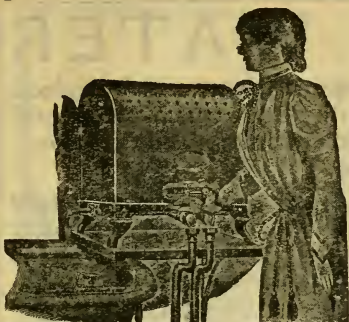
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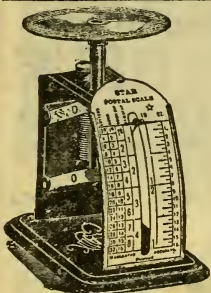
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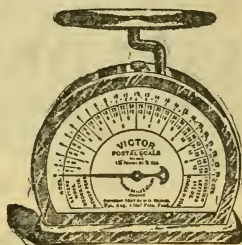
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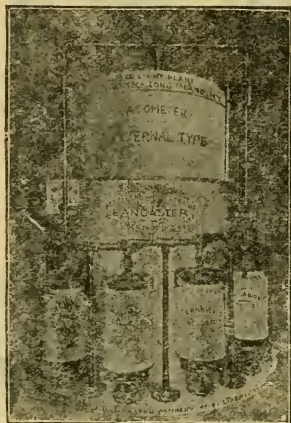
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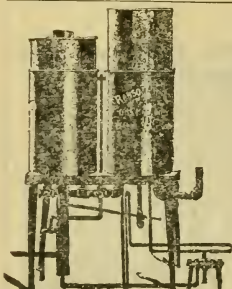
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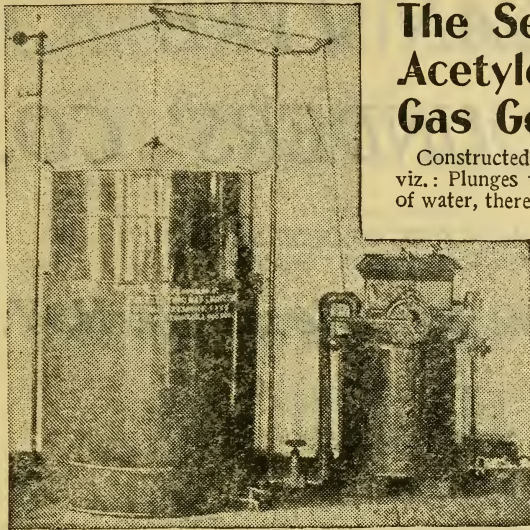
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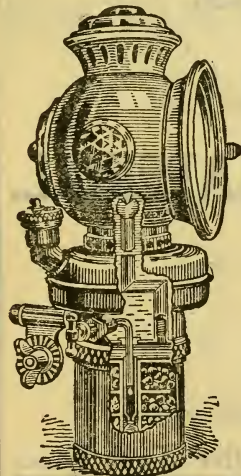
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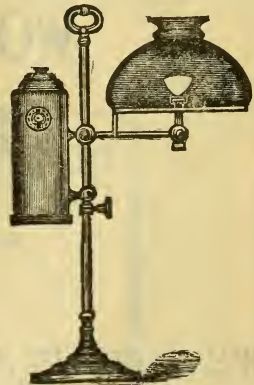
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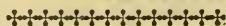
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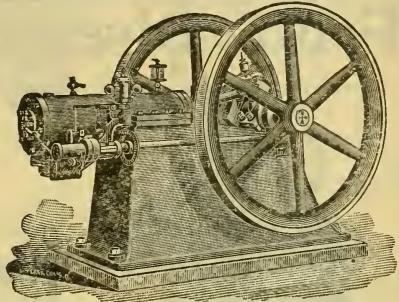
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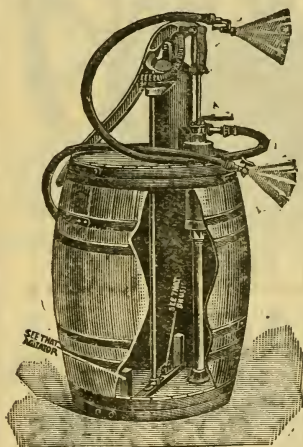
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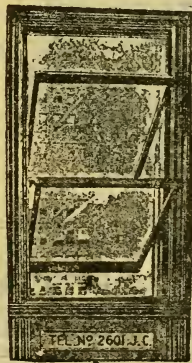
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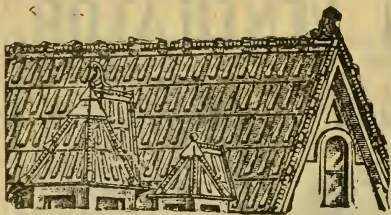
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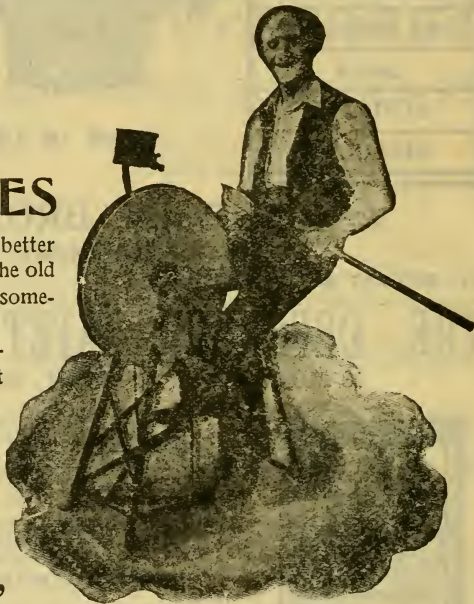
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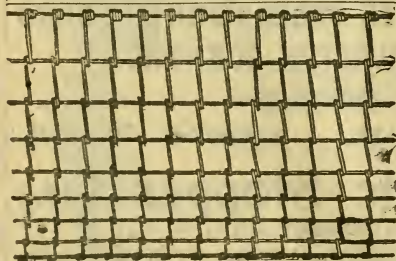
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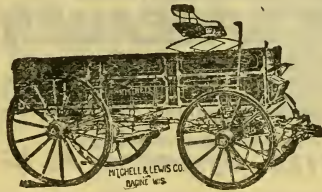
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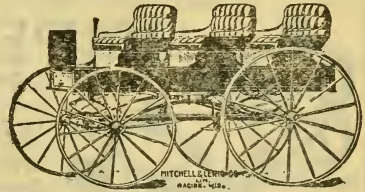
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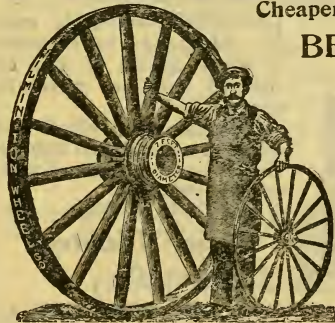
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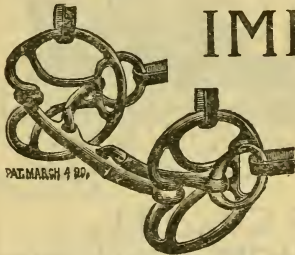
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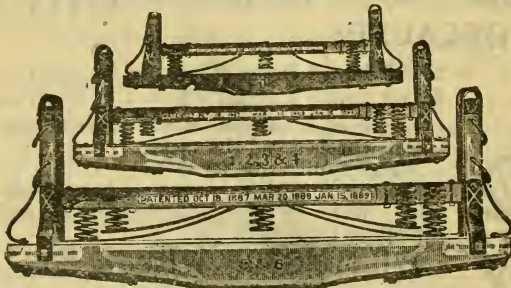
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BOX A 25.



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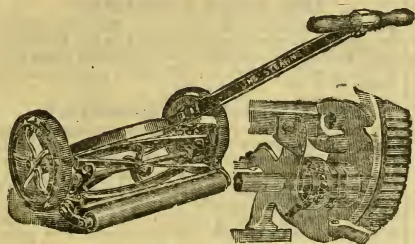
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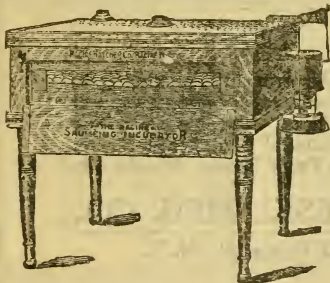
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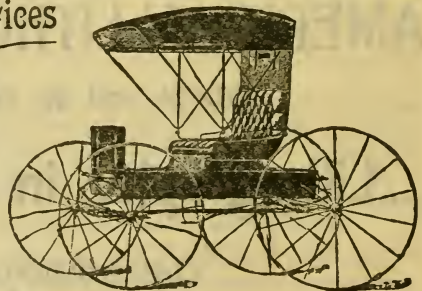
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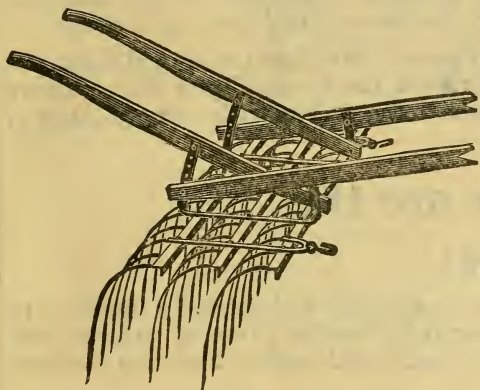
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